

## **Students must avoid the following Mistakes/Errors while solving Holiday H.W Assignment**

### **1. Common general errors committed by students while doing Holiday H.W Assignments**

- **General Errors Committed in all subjects**
  - **Ignoring Instructions:**
    - Many students overlook or misinterpret the instructions provided at the beginning of the question paper. It's crucial to read them carefully to understand the paper's format, marking scheme, and any specific guidelines.
  - **Illegible Handwriting:**
    - Poor handwriting can affect the examiner's understanding of your answers. Write neatly and use legible diagrams to convey your points effectively.
  - **Not Reviewing Answers:**
    - Rushing to finish may lead to errors or omissions. Always spare a few minutes at the end to review and correct your answers.
  - **Not Seeking Clarification:**
    - If you're unsure about a question's intent or requirements, don't hesitate to seek clarification from the invigilator or teacher.
  - **Skipping Questions:**
    - Some students leave difficult questions unanswered. Even if you're unsure, attempt all questions, as you might earn partial marks for correct steps or explanations.
  - **Time Management:**
    - Poor time management can lead to incomplete papers. Allocate time for each section based on the marks assigned and stick to the schedule.
- **Errors committed in Mathematics subject**
  - **Incorrect Units:**
    - Ensure that you use the correct units in your numerical answers, especially in subjects like Mathematics and Science.
  - **Misinterpreting Questions:**
    - Misunderstanding the questions can lead to incorrect responses. Read each question carefully, paying attention to keywords and requirements.
- **Errors committed in Science subject**
  - **Ignoring Diagrams:**
    - diagrams should be well-drawn and appropriately labeled. Neglecting them can lead to marks deduction.
  - **Not Labeling Diagrams:**
    - In subjects like Science, labeling diagrams is crucial. Failing to label the parts of diagrams can result in loss of marks.
- **Errors committed in English subject**
  - **Not using Proper Formatting:**
    - Correct formatting of essays, letters, and reports is vital. Failing to follow the correct format can lead to point deductions.
  - **Not Following Word Limits:**
    - If a question specifies a word limit, adhere to it. Writing too much or too little can affect your score.
  - **Not Planning Answers:**
    - In subjects with long-form answers, outlining your response before writing can help you structure your thoughts and present them coherently.
  - **Making grammatical mistakes**
    - Subject-Verb Agreement: Incorrectly matching singular subjects with plural verbs and vice versa.
    - Mixing up tenses within sentences or paragraphs.
    - Incorrectly capitalizing or failing to capitalize proper nouns and sentence beginnings.
- **Errors committed in Social Science subject**
  - **Ignoring Diagrams and Graphs:**
    - diagrams and graphs should be well-drawn and appropriately labeled. Neglecting them can lead to marks deduction.

- **Errors committed in Computer Science subject**
  - **General errors while attempting Application skill based Questions**
    - Not Using Correct indentation
    - Committing syntax errors that leads to incorrect output of a programme
    - Committing logical errors – Improper use of Statements- Conditional statements- Looping.
  - **Misinterpreting Questions:**
    - Misunderstanding the questions can lead to incorrect responses. Read each question carefully, paying attention to keywords and requirements.
  - **Not Labeling Flow charts/Algorithms/Psudocodes:**
    - labeling Flow charts/Algorithms/Psudocodes. Failing to label the parts of these can result in loss of marks.

# Summer Holidays Homework Framework

SESSION: 2024-25

CLASS –10<sup>th</sup>

Subject: English

Text Book: Footprints, The First Flight, BBC Compacta (Grammar)

## 1. Syllabus Covered upto MAY END

- Chapter No.-Module 1,Module -2,Module-4, Chapter Name- Comprehension passage, Modals, Subject verb agreement, Letter writing, Determiners.

- Chapter Name & No.-

**Book name - First flight**

**Chapter names:**

1. A Letter to God
2. Nelson Mandela: Long Walk to Freedom
3. Two Stories about flying
4. From the diary of Anne Frank

**Poem names:**

1. Dust of Snow
2. Fire and Ice
3. A tiger in the zoo

**Book name – Foot Prints without Feet**

**Chapter Names:**

1. A Triumph of Surgery
2. The Thief's Story
3. The Midnight Visitor

4. The ball poem

5. Amanda

6. The Trees

## 2. List of all new concepts taught upto MAY END (Grammar Topics)

- Subject verb agreement, Determiner

## 3. Summer Holiday Homework:

- **Reading & Speaking Homework:**

- **Section-A:** Reading Homework
- **Section-B:** Speaking Homework
- **Section-C:** Pre-Reading Homework

- **Written Homework:**

- **Section-D:** Chapter-wise Revision Assignment
- **Section-E:** Grammar Revision Assignment
- **Section-F:** Project Work

## 4. Tools required for doing Homework:

- Text Book – Notebook –A4 sheets - Resources as per activity

## 5. Instruction/Guidelines for Reading & Speaking Homework:

- **Section-A: Reading Homework**

- Each student will read one fiction & one non-fiction book and write a book review on A4 sheets by using the following steps:-

- **Fiction** – A tale of two cities by Charles Dickens.
- **Non Fiction** – The power of your subconscious mind.

- ✓ Draw creative page as front page
- ✓ Identify and list the Main characters in the Book
- ✓ Write the summary of the story as follows :—
  - ❖ Beginning
  - ❖ Middle
  - ❖ End

- ✓ Write a paragraph on “If you were the author how will you end the story?”

- **Section-B: Speaking Homework**

- Students will practice on one of the given topics as an extempore activity :-
  - Science and technology OR Digital India OR Importance of English languageStudents will prepare speaking activity video on any one of the above topics and share their video with English teachers on WhatsAppPS group. Video should be of 1 minute.

- **Section – C: Pre-Reading Homework**

- Do the Pre-Reading of Chapter No. L-1,2,3,4 and P-1,2,3,4
- Write all the difficult words & their meanings of above chapters in English N.B.

**6. Instruction/Guidelines for Written Homework:**

- **Section – D:**Do the given Chapter-wise Assignments on A-4 sheet.
- **Section – E:**Do the given Grammar Assignment on A-4 sheet.
- **Section – F:**Project work
  - **Explain any one Grammar Topic of your choice on a chart**
  - **Prepare a student portfolio and include the following details :-**
    - Personal details
    - What I understand by portfolio
    - My goals/ Aim in life for future
    - My achievements till now
    - The areas I need to work to achieve my goal

**7. Marking scheme for English homework: –**

- **Section-A Reading HW**
  - Book Review **2 marks**
- **Section-B Speaking Homework**
  - Video shared by students on Whatsapp **4 marks**
- **Section-C Pre reading homework**
  - Difficult words & their meanings in N.B. **2 marks**
- **Section-D Chapter wise Revision Assignments** **4 marks**
- **Section-E Grammar Revision Assignment** **4 marks**
- **Section – F Project Work** **4 marks**

**Total marks of English H.W. 20 marks**

**8. Important Note:**

**All students must submit their vacation Homework of All Subjects for Assessment by teacher on 1st July 2024 by all means. Five marks will be deducted for per day of delay after 1st July 2024.**



**R. E. D. Group of Schools**  
**Chapter-wise Revision Assignment-1**

**Class:10th**

**Subject: English**

**Ch.No.: L-1,L-2, P-1,**

**Ch. Name: A letter to god, Nelson Mandela, Dust of snow**

**For recapitulation & solving the assignment the students should refer to their text book of English**

**Part-1 – Vocabulary skills**

**Q.1. Write the meanings of the following key terms:**

- (i) Solitary      (ii) Amiable      (iii) peso  
(iv) Dust      (v) Particles      (vi) Destruction  
(vii) Privilege      (viii) Eminent      (ix) Distinguished  
(x) Dignitaries

**Q.2. Write the Synonyms of the following words**

- (i) Eminent  
(ii) Amiable

**Q.3. Write the Antonyms of the following words**

- (i) Eminent  
(ii) Amiable

**Q.4. Write the Homonyms of the following words**

- (i) Creak  
(ii) Days

**Part-2 – Reading Skills**

**Q.5. Read the following Passage from the Chapter & answer the questions.**

**Passage**

Nelson Mandela, the iconic leader of the anti-apartheid movement in South Africa, was born on July 18, 1918, in the village of Mvezo. Mandela's activism against racial discrimination and his fight for equality led to his imprisonment for 27 years. However, even in captivity, Mandela remained resolute in his pursuit of justice. Upon his release in 1990, he continued his efforts, eventually becoming the first black president of South Africa in 1994. Mandela's legacy as a symbol of peace, reconciliation, and freedom continues to inspire people around the world.

**Answer the following Questions from the passage:-**

1. When was Nelson Mandela born?
2. What did Mandela fight against?
3. How long was Mandela imprisoned?
4. What did Mandela become after his release from prison?
5. Describe Mandela's legacy.

**Part-3 – Application skills of Subject Tools & Concepts**

**Q.6. Answer the following Short Answer Type Questions**

1. Was Lencho surprised to find a letter for him with money in it?
2. What does Mandela thank the international leaders for?
3. Explain the theme of the poem “Dust of snow”?

**Q.7. Answer the following Long Answer Type Questions**

1. How did the rain change? What happened to Lencho's field?
2. What were Lencho's feelings when the hail stopped?
3. What ideals does Nelson Mandela set for the future of South Africa?
4. What is a “Dust of snow”? What does the poet say has changed his mood? How has the poet's mood changed?

**Part-4 – Learning Homework**

- **Learning Homework:** Learn Q. Ans. of Ch- L-1,L-2,P-1 from footprints without feet.



**R.E.D. Group of Schools**  
**Chapter-wise Revision Assignment-2**

**Class:10th**

**Subject: English**

**Book Name - First Flight**

**Ch Name&No - 1. A triumph of surgery, 2. The Thief's story**

**Poem Name &No - 2. Fire and Ice, 3. A tiger in the zoo.**

**For recapitulation & solving the assignment the students should refer to their text book of English**

**Part-1 – Vocabulary skills**

**Q.1. Write the meanings of the following key terms:**

- |             |                |                |                  |                  |
|-------------|----------------|----------------|------------------|------------------|
| (i) Sausage | (ii) Vivid     | (iii) Conflict | (iv) rheumy      | (v) Shadow       |
| (vi) Fury   | (vii) listless | (viii) Sliding | (ix) Intolerance | (x) Convalescing |

**Q.2. Write the Synonyms of the following words**

- (i) Sausage
- (ii) Shadow

**Q.3. Write the Antonyms of the following words**

- (i) Sausage
- (ii) Shadow

**Q.4. Write the Homonyms of the following words**

- (i) Rose
- (ii) Bank

**Part-2 – Reading Skills**

**Q.5. Read the following Passage from the Chapter& answer the questions.**

**Passage**

In the quaint town of Pumphill, a renowned veterinarian, Dr. Herriot, faced a challenging case that tested his skills and compassion. Mrs. Pumphrey, a wealthy and doting owner, had indulged her beloved Pekingese, Tricky, to the point of severe obesity. Tricky's life of luxury had led to lethargy and numerous health issues, prompting Mrs. Pumphrey to seek Dr. Herriot's help in desperation.

Upon examining Tricky, Dr. Herriot was alarmed by the dog's condition. Tricky was bloated, unable to move freely, and displayed signs of acute discomfort. Recognizing the urgency, Dr. Herriot decided that immediate action was necessary. He recommended hospitalization for Tricky, where the dog would be kept under strict supervision and given a regulated diet and exercise regimen.

Initially, Mrs. Pumphrey was hesitant and tearful at the thought of parting with her cherished pet, but Dr. Herriot's assurance and professionalism convinced her. Tricky was admitted to Dr. Herriot's clinic, where the staff promptly began the rehabilitation process. The first few days were tough for Tricky, but gradually, with a balanced diet and regular physical activity, the dog started showing remarkable improvement.

Over the next few weeks, Tricky regained his vigor and vitality. The transformation was so astounding that even Mrs. Pumphrey, when she came to visit, could hardly recognize her pet. She was overjoyed and grateful to Dr. Herriot for his dedication and expertise. The success of Tricky's recovery was a testament to Dr. Herriot's medical acumen and compassionate care. It highlighted the importance of responsible pet ownership and the benefits of proper diet and exercise for pets. Mrs. Pumphrey learned a valuable lesson about moderation and the well-being of her pet, ensuring that Tricky's return to luxury would not lead to a relapse.

**Answer the following Questions from the passage:-**

1. What prompted Mrs. Pumphrey to seek Dr. Herriot's help?
2. How did Dr. Herriot initially react to Tricky's condition?
3. What was Dr. Herriot's recommendation for Tricky's treatment?
4. Why was Mrs. Pumphrey hesitant about Dr. Herriot's recommendation?
5. Describe the changes observed in Tricky during his time at Dr. Herriot's clinic.

### Part-3 – Application skills of Subject Tools & Concepts

#### **Q.6. Answer the following Short Answer Type Questions**

1. What kind of a person do you think the narrator, a veterinary surgeon, is? Would you say he is tactful as well as full of common sense?
2. Do you think it a significant detail in the story that Anil is a struggling writer? Does this explain his behaviour in any way?
3. What do 'fire' and 'ice' stand for?
4. Find the words that describe the movements and actions of the tiger in the cage and in the wild .

#### **Q.7. Answer the following Long Answer Type Questions**

1. Where is the story set? (You can get clues from the names of the persons and places mentioned in it.) Which language or languages are spoken in these places? Do you think the characters in the story spoke to each other in English?
2. There are many ideas about how the world will 'end'. Do you think the world will end some day? Have you ever thought what would happen if the Sun gets so hot that it 'bursts' or grows colder and colder?
3. What message do you get from the poem (A tiger in the zoo)?

### Part-4 – Learning Homework

- **Learning Homework:** Learn Q. Ans. of Ch- L-1, L-2( Footprints without feet),P-3,p-4(The first flight).



**R.E.D. Group of Schools**  
**Chapter-wise Revision Assignment-3**

**Class:10th**

**Subject: English**

**Book Name- First flight**

**Ch-3** Two stories about flying, **Ch-4** From the diary of Anne Frank

Poem 5- The ball poem, Poem 6- Amanda, Poem 7- The Trees

**For recapitulation & solving the assignment the students should refer to their text book of English**

**Part-1 – Vocabulary skills**

**Q.1. Write the meanings of the following key terms:**

- (i) Plantation                      (ii) Impractical                      (iii) Embroider                      (iv) Mahout  
(v) Survivor  
(vi) Wide                      (vii) Fault                      (viii) Plunk                      (ix) Patience                      (x) Outburst

**Q.2. Write the Synonyms of the following words**

- (i) Outburst  
(ii) Fault

**Q.3. Write the Antonyms of the following words**

- (i) Outburst  
(ii) Fault

**Q.4. Write the Homonyms of the following words**

- (i) Bat  
(ii) Bark

**Part-2 – Reading Skills**

**Q.5. Read the following Passage from the Chapter & answer the questions.**

**Passage**

He stalks in his vivid stripes  
The few steps of his cage,  
On pads of velvet quiet,  
In his quiet rage.

He should be lurking in shadow,  
Sliding through long grass  
Near the water hole  
Where plump deer pass.

He should be snarling around houses  
At the jungle's edge,  
Baring his white fangs, his claws,  
Terrorizing the village!

But he's locked in a concrete cell,  
His strength behind bars,  
Stalking the length of his cage,  
Ignoring visitors.

He hears the last voice at night,  
The patrolling cars,  
And stares with his brilliant eyes  
At the brilliant stars.

**Answer the following Questions from the passage:-**

1. What the tiger's behavior in the cage is as described in the first stanza?
2. Where does the poet suggest the tiger should be in the second stanza?
3. How is the tiger's natural behavior contrasted with his life in the zoo in the third stanza?

4. What is the significance of the "concrete cell" mentioned in the fourth stanza?
5. What sounds does the tiger hear at night as described in the fifth stanza?

### **Part-3 –Application skills of Subject Tools & Concepts**

#### **Q.6. Answer the following Short Answer Type Questions**

1. Why does Anne need to give a brief sketch about her family? Does she treat?
2. In the case of a bird flying, it seems a natural act, and a foregone conclusion that it should succeed. In the examples you have given in answer to the previous question, was your success guaranteed, or was it important for you to try, regardless of a possibility of failure?
3. How does Anne feel about her father, her grandmother, Mrs Kuperus and Mr Keesing? What do these tell you about her?
4. Why does the narrator say, "I landed and was not sorry to walk away from the old Dakota...?"

#### **Q.7. Answer the following Long Answer Type Questions**

1. Why does the poet say, "I would not intrude on him"? Why doesn't he offer him money to buy another ball?
2. "... staring down/All his young days into the harbour where/His ball went ..." Do you think the boy has had the ball for a long time? Is it linked to the memories of days when he played with it?
3. What does the girl yearn for? What does this poem tell you about Amanda?

### **Part-4 – Learning Homework**

- **Learning Homework:** Learn Q. Ans. of Ch - 3,4. poem- 5,6,7 From (First Flight)



**R.E.D. Group of Schools**  
**Grammar Revision Assignment-4**

**Class:10th**

**Subject: English Grammar**

**Chapter No. & Name:**

1. Noun
2. Verb
3. Adverb
4. Adjective
5. Preposition

6. Interjections
7. Narration
8. Determiners
9. Tenses
10. Active and Passive

**Part-1 – Word Structure**  
**Section-A – Part of Speech**

**Q.1. Define the following parts of speech and give one example.**

- (a) Noun- \_\_\_\_\_  
Example: \_\_\_\_\_
- (b) Adjective- \_\_\_\_\_  
Example: \_\_\_\_\_

**Q.2. Choose the correct option as per the given directions:**

A. "The group of students \_\_\_\_ to the museum."

- i. go
- ii. goes
- iii. going
- iv. went

B. "Each of the books \_\_\_\_ on the shelf."

- i. is
- ii. are
- iii. was
- iv. were

**Q.3. Fill in the blanks with correct parts of speech.**

- A. "The \_\_\_\_ cat chased the mouse." (Play)
- B. "She \_\_\_\_ walked along the beach." (Slow)
- C. "The \_\_\_\_ tree swayed in the wind." (Majesty)
- D. "He \_\_\_\_ reads books in the library." (Often)

**Q.4. Change the underlined parts of speech to the following:**

- A. "She soft whispered the secret to her friend." Change the adjective "soft" to an adverb.
- B. "The dog wagged its tail eager." Change the adjective "eager" to an adverb.
- C. "He careful assembled the puzzle pieces." Change the adjective "careful" to an adverb.

**Part-2 – Sentence Structure**  
**Section-B: Tense Structure**

**Q.5. Define the following tense and give one example.**

- (a) Present Perfect Tense- \_\_\_\_\_  
Example: \_\_\_\_\_
- (b) Future Continuous Tense- \_\_\_\_\_  
Example: \_\_\_\_\_

**Q.6. Choose the correct option as per the given directions:**

A. "What emotion is expressed with the interjection 'Wow' in the sentence:

"Wow, \_\_\_\_, I can't believe it!"

- i. Sadness
- ii. Joy
- iii. Anger
- iv. Surprise

B. "Which emotion is conveyed by the interjection 'Oh no' in the sentence:

"Oh no, \_\_\_\_, I forgot my keys!"

- i. Happiness

- ii. Frustration
- iii. Excitement
- iv. Confusion

**Q.7. Fill in the blanks with the correct tense.**

- A. She \_\_\_\_ (read) a book when the phone \_\_\_\_ (ring).
- B. By the time we \_\_\_\_ (arrive), they \_\_\_\_ (finish) dinner.
- C. If he \_\_\_\_ (study) harder, he \_\_\_\_ (pass) the exam.
- D. They \_\_\_\_ (live) in New York for five years before they \_\_\_\_ (move) to California.

**Q.8. Identify and correct the error in the following sentences:**

- A. "Their going to the party tomorrow."
- B. "The cat is laying on the couch."
- C. "He don't like pineapple on his pizza."
- D. "My sister she cooks dinner every evening."

**Q.9. Transform the given sentences as instructed:**

- A. "The sun is shining brightly."(Negative)
- B. "What a beautiful sunset!"(Interrogative)
- C. "Please pass the salt." (Imperative)
- D. Have you complete your homework?(Affirmative)

**Q.10. Translate the given Hindi sentence into English-**

- A. मैंने अपना असाइनमेंट पूरा कर लिया है।
- B. हम समुद्र तट पर घूमने गए थे।

**Section-C: Other Grammar topics (From current syllabus)**

**Q. 11. Choose the correct option as per the given directions:**

- A. Which of the following options correctly changes the active voice sentence into passive voice?The chef prepared a delicious meal for the guests.
  - i. A delicious meal was prepared by the chef for the guests.
  - ii. A delicious meal prepares by the chef for the guests.
  - iii. A delicious meal is prepared by the chef for the guests.
  - iv. A delicious meal has prepared by the chef for the guests.
- B. Which of the following options correctly changes a direct speech into indirect speech?  
"I will visit my grandmother tomorrow," said Sara.
  - i. Sara said that she would visit her grandmother tomorrow.
  - ii. Sara says that she would visit her grandmother tomorrow.
  - iii. Sara said that she will visit her grandmother tomorrow.
  - iv. Sara says that she will visit her grandmother tomorrow.

**Q.12. Identify and correct the error in the following sentences:**

- A. She quickly ran to the store to buy some groceries.
- B. The cat jump at a big brown dog.
- C. The old oak tree stand tall at the middle of the field.
- D. I can't hardly wait for the weekend.

**Part-3 – Creative Writing Skills**

**Section-D**

- Q.13.** Observe the picture carefully and write a detailed description of it. Include the main subject, setting, actions, details, perspective, and any inferences or personal reactions you may have.



**Q.14. Letter Writing:**

Imagine you have recently purchased a laptop from XYZ Electronics Store that started malfunctioning within the first week. Write a complaint letter to the Customer Service Department of XYZ Electronics Store, explaining the issues you are facing, the steps you have already taken to resolve them, and requesting an appropriate resolution.

OR

**Essay Writing:**

Write an essay on the effects of social media on teenagers' lives, considering both the positive and negative aspects. How can teenagers navigate social media responsibly in today's digital age?"



**R.E.D. Group of Schools**  
**Grammar Revision Assignment-5**

**Class:10th**

**Subject: English Grammar**

**Chapter No. & Name:**

1. Noun
2. Verb
3. Adverb
4. Adjective
5. Preposition

6. Interjections
7. Narration
8. Determiners
9. Tenses
10. Active and Passive

**Part-1 – Word Structure**  
**Section-A – Part of Speech**

**Q.1. Define the following parts of speech and give one example.**

(a) Determiners \_\_\_\_\_ - \_\_\_\_\_

Example: \_\_\_\_\_

(b) Conjunction \_\_\_\_\_

Example: \_\_\_\_\_

**Q.2. Choose the correct option as per the given directions:(Voice)**

- A. He likes people to call him sir.
- i. He likes to be call Sir by people.
  - ii. He likes to be called Sir by people.
  - iii. He likes people who call him Sir.
  - iv. To call him Sir is liked by people.
- B. The people elected him Mayor.
- i. Him was elected Mayor the people.
  - ii. Mayor is elected by the people.
  - iii. He was elected Mayor by the people.
  - iv. He is elected by the people Mayor.

**Q.3. Fill in the blanks with correct parts of speech.**

- A. A huge \_\_\_ was gathered to watch the event. [Fill in the blanks with a noun]
- B. The children unintentionally locked \_\_\_ up in the tunnel. [Fill in the blanks with a pronoun]
- C. My elder sister and I \_\_\_ on the phone every day. [Fill in the blanks with a verb]
- D. Indian soldiers fought \_\_\_. [Fill in the blanks with an Adverb]

**Q.4. Change the underlined parts of speech to the following:**

- A. I do not intend to spend my vacation here. (intend – noun)
- B. He died in an instant. (in an instant – adverb)
- C. Respect your parents and teachers. (respect – adjective)

**Part-2 – Sentence Structure**  
**Section-B: Tense Structure**

**Q.5. Define the following tense and give one example.**

(a) Past indefinite \_\_\_\_\_ - \_\_\_\_\_

Example: \_\_\_\_\_

(b) Present perfect continuous \_\_\_\_\_ - \_\_\_\_\_

Example: \_\_\_\_\_

**Q.6. Choose the correct option as per the given directions:(Determiners)**

- A. Let's go to the movies. I have \_\_\_\_\_ money.
- i. Few
  - ii. A few
  - iii. Little
  - iv. A little
- B. I need to talk to you. Do you have \_\_\_\_\_ minutes?
- i. Few
  - ii. A few
  - iii. Little
  - iv. A little

**Q.7. Fill in the blanks with the correct tense.**

- A. (a) Our scientists finally .....(find) the cure they ..... (seek) for decades.  
B. The plates still .....(lie) on the table but someone ..... (break) one of them.  
C. I hope that you (pardon)\_\_\_\_\_ me soon.  
D. I was informed that he\_\_\_\_\_ (read) a book.

**Q.8. Identify and correct the error in the following sentences:**

- A. He has grey hairs.  
B. The view were enchanting.  
C. The children decided to surprise Miss Nidhi on teacher's day.  
D. Birds of feathers flock together.

**Q.9. Transform the given sentences as instructed:**

- A. She helps her brother in studies.(Interrogative)  
B. Himani has informed them.(Interrogative negative)  
C. Is she joining us in the party?( Affirmative)  
D. She didn't tell them anything.(Interrogative)

**Q.10. Translate the given Hindi sentence into English-**

- A. क्या तुम एक जगह नहीं बैठ सकते?  
B. इसको उठाओ और कूड़ेदान में डाल दो।

**Section-C: Other Grammar topics (From current syllabus)**

**Q. 11. Choose the correct option as per the given directions:(Conjunction)**

- A. \_\_\_\_\_ you win first place, you will receive a prize.  
i. Wherever  
ii. Unless  
iii. If  
iv. Until  
B. The musicians delivered a rousing performance \_\_\_\_\_ they had rehearsed often.  
i. Though  
ii. For  
iii. As  
iv. Before

**Q.12. Identify and correct the error in the following sentences:**

- A. My little sister Lisa was practising how to riding a bicycle yesterday.  
B. Himani could not understands what the teacher was saying.  
C. Laugh is the best medicines.  
D. They asked when I have arrived.

**Part-3 – Creative Writing Skills**

**Section-D**

**Q.13. Describe something you do regularly that helps you work and study better.**

You should write:

- What it is?
- When you do it?
- How it helps you?
- And explain how you feel when you do it.?

**Q.14. Story writing:**

Complete the following story. Some lines are given to help you start.

- Last Sunday I went to market to buy some books by bicycle. I placed my bicycle outside the shop

**Or**

**Letter writing:**

You are Naresh / Nandini of Safdarjung, New Delhi. You are deeply saddened by the attacks on elderly persons who live alone. Write a letter to the editor of 'The New India News' making people aware of the authorities to guarantee that such attacks do not occur.

# Summer Holidays Homework

SESSION: 2024-25

CLASS –10

Subject: Hindi

Text Book: क्षितिज, कृतिका, व्याकरण प्रवाह

## 1. ग्रीष्मावकाश प्रारंभ होने तक पढ़ाया गया पाठ्यक्रम

### क्षितिज भाग-2

- अध्याय संख्या –1 – सूरदास
- अध्याय संख्या –2 – राम-लक्ष्मण-परशुराम संवाद
- अध्याय संख्या –4 – आत्मकथ्य
- अध्याय संख्या –10 – नेता जी का चश्मा
- अध्याय संख्या –11 – बालगोविन भगत
- अध्याय संख्या –12 – लखनवी अंदाज

### कृतिका भाग-2

- अध्याय संख्या –1 – माता का अँचल

## 2. मई अंत तक सिखाई गई सभी नई अवधारणाओं की सूची (व्याकरण विषय)

- अपठित बोध
- पत्र तथा अनुच्छेद-लेखन
- रचना के आधार पर वाक्य के भेद
- अलंकार व उसके भेद
- वाच्य
- स्ववृत्त
- ई-मेल लेखन

## 3. ग्रीष्मावकाश हेतु गृहकार्य –

### पठन एवं वाचन गृहकार्य –

- अनुभाग क- पठन गृहकार्य
- अनुभाग ख – वाचन (स्पीकिंग) गृहकार्य
- अनुभाग ग- पूर्व पठन

### लेखन गृहकार्य

- अनुभाग घ – पाठानुसार पुनरावृत्ति कार्यपत्र
- अनुभाग ङ – व्याकरण पुनरावृत्ति कार्यपत्र
- अनुभाग च – परियोजना कार्य

## 4. गृहकार्य करने के लिए आवश्यक उपकरण –

- पाठ्यपुस्तक (क्षितिज तथा कृतिका)
- व्याकरण प्रवाह
- उत्तरपुस्तिका
- ए-4 शीट
- गतिविधि के अनुसार संसाधन

## 5. पठन एवं वाचन गृहकार्य के लिए निर्देश/दिशा-निर्देश ।

### अनुभाग 'क' (पठन गृहकार्य)

#### उपन्यास :-

- प्रेमचन्द द्वारा रचित 'गोदान' या 'निर्मला' उपन्यास पढ़कर विद्यार्थी उसके बारे में अपना दृष्टिकोण प्रस्तुत करने के लिए दिए गए स्रोतों की सहायता से नीचे दिए प्रश्नों को ए-4 शीट पर हल करें-

#### सोपान :-

- प्रथम पृष्ठ रचनात्मक बनाएं जो कि कहानी पर आधारित हो।
- उपन्यास पर आधारित पात्रों को पहचानिए और उनके नाम लिखिए।
- सारांश लिखने के लिए निम्नलिखित बातों को ध्यान में रखिए –
  - आरंभ
  - मध्य
  - समापन

- अगर आप भी लेखक होते तो उपन्यास का अंत कैसे करते? इस विषय पर एक अनुच्छेद लिखिए।

### अनुभाग 'ख' (वाचन कौशल)

विद्यार्थी निम्नलिखित विषयों में से किसी एक विषय पर अभ्यास करके वाचन क्रिया की एक मिनट की वीडियो बनाकर अपने हिंदी अध्यापक के पास भेजे :-

- ऑनलाइन शिक्षा अथवा
- सूरदास के पद (कविता वाचन)

अथवा

○ राम-लक्ष्मण-परशुराम संवाद (कविता वाचन)

**अनुभाग-‘ग’ (पूर्व पठन गृहकार्य)**

विद्यार्थी निम्नलिखित पाठों का पूर्व पठन करें व कठिन शब्दों को उनके अर्थ सहित उत्तरपुस्तिका में लिखें ।

● पूर्व पठन कार्य (क्षितिज पद्य भाग) –  
पाठ-5 उत्साह, अट नहीं रही है

● पूर्व पठन कार्य (क्षितिज गद्य भाग) –  
पाठ-14 एक कहानी यह भी

**कृतिका भाग-2**

पाठ-3 साना-साना हाथ जोड़ि...

**लेखन कार्य हेतु दिशानिर्देश-**

- **अनुभाग-‘घ’ पाठानुसार पुनरावृत्ति कार्यपत्र** : पाठ के अनुसार दिए गए पुनरावृत्ति कार्यपत्र को विद्यार्थी ‘ए-4’ शीट पर हल करें।
- **अनुभाग-‘ङ’** – व्याकरण पुनरावृत्ति कार्यपत्र को ए-4 शीट पर हल करें।
- **अनुभाग -च** – परियोजना कार्य चार्ट पर बनाएं।

**परियोजना कार्य (Project Work)**

1. निम्नलिखित विषय पर अनुक्रमांकानुसार प्रोजेक्ट तैयार कीजिए :-

- ✓ रचना के आधार पर वाक्य और उसके भेद (अनुक्रमांक 1 से 7)
- ✓ अलंकार (अनुक्रमांक 8 से 14)
- ✓ वाच्य (अनुक्रमांक 15 से 21)
- ✓ ‘नेता जी का चश्मा’ कहानी से हालदार साहब तथा पानवाले की विशेषताएँ (अनुक्रमांक 22 से 28)
- ✓ राम-लक्ष्मण-परशुराम संवाद कविता से राम, लक्ष्मण तथा परशुराम के व्यक्तित्व की विशेषताएँ। (अनुक्रमांक 29 से 35)

2. सभी विद्यार्थी अपना (Port Folio) निम्न बिन्दुओं के आधार पर तैयार करें।

- आत्म परिचय
- Port Folio के विषय में मेरी समझ
- मेरे जीवन का उद्देश्य
- मेरी अब तक की उपलब्धियाँ
- उद्देश्य प्राप्ति हेतु सुधार के क्षेत्र

7. **हिंदी गृहकार्य हेतु अंक योजना**

**अनुभाग क – पठन गृहकार्य**

पुस्तक समीक्षा : 2 अंक

**अनुभाग ख – वाचन गृहकार्य**

विद्यार्थियों द्वारा Whatsapp पर भेजी गई विडियो : 4 अंक

**अनुभाग ग – पूर्वपठन गृहकार्य**

पाठ के सभी कठिन शब्द उनके अर्थ : 2 अंक

**अनुभाग घ – पाठानुसार पुनरावृत्ति कार्यपत्र** : 4 अंक

**अनुभाग ङ – व्याकरण पुनरावृत्ति कार्यपत्र** : 4 अंक

**अनुभाग च – परियोजना कार्य** : 4 अंक

**कुल अंक : 20 अंक**

8. **आवश्यक टिप्पणी** : सभी विद्यार्थी अपना सभी विषयों का ग्रीष्मावकाश गृहकार्य अवश्य 1 जुलाई 2024 को मूल्यांकन हेतु जमा करवाएं। 1 जुलाई के बाद जमा करवाने पर 5 अंक प्रतिदिन के हिसाब से काटे जाएँगे।



**R.E.D. GROUP OF SCHOOLS**  
**Chapter-wise Revision Assignment No.-1**  
**Subject – Hindi Class: 10th**

पाठ संख्या : 10

पाठ का नाम: नेता जी का चश्मा

**Part- 1 (Vocabulary Skill)**

प्रश्न-1 निम्नलिखित शब्दों के अर्थलिखिए।

- |             |                |
|-------------|----------------|
| i. प्रतिमा  | vi. अवाक्      |
| ii. कमसिन   | vii. निर्णय    |
| iii. दरकार  | viii. ऊहापोह   |
| iv. द्रवित  | ix. प्रफुल्लता |
| v. पारदर्शी | x. बस्ट        |

प्रश्न-2 निम्नलिखित शब्दों के पर्यायवाची शब्द लिखिए।

- क) वास्तविक  
ख) देशभक्त

प्रश्न-3 निम्नलिखित शब्दों के विलोम शब्द लिखिए।

- क) गूहस्थ  
ख) जवानी

प्रश्न-4 निम्नलिखित शब्दों के समश्रुतिभिन्नार्थक शब्द लिखिए।

- क) प्रतिमा..... प्रतिभा .....

**Part- 2 (Reading Skill)**

प्रश्न-5 निम्नलिखित गद्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर के लिए सही विकल्प छांटकर लिखिए –

हालदार साहब को आदत पड़ गई, हर बार कस्बे से गुजरते समय चौराहे पर रुकना, पान खाना और मूर्ति को ध्यान से देखना। एक बार जब कौतूहल दुर्दमनीय हो उठा तो पान वाले से ही पूछ लिया, “क्यों भई! क्या बात है? यह तुम्हारे नेताजी का चश्मा हर बार बदल कैसे जाता है?” पान वाले ने खुद के मुँह में पान टुँसा हुआ था। वह एक काला, मोटा और खुशमिजाज आदमी था। हालदार साहब का प्रश्न सुनकर वह आँखों-ही-आँखों में हैसा। उसकी तोंद थिरकी। पीछे घूमकर उसने दुकान के नीचे पान थूका और अपनी लाल-काली बत्तीसी दिखाकर बोला, “कैप्टन चश्मे वाला करता है।”

क्या करता है? हालदार साहब कुछ समझ नहीं पाए। चश्मा चेंज कर देता है। पान वाले ने समझाया। क्या मतलब क्या चेंज कर देता है? हालदार साहब अब भी नहीं समझ पाए। कोई गिराक आ गया समझो। उसे चौड़े चौखर चाहिए तो कैप्टन किधर से लाएगा? तो उसको मूर्ति वाला दे दिया। उधर दूसरा बिठा दिया।

उपरोक्त पद्यांशसे निम्नलिखित प्रश्नों के उत्तर दीजिए।

- (क) कैप्टन चश्मे वाला मूर्ति का चश्मा बार-बार क्यों बदल देता था?  
(ख) हालदार साहब के सवाल पर पान वाला क्यों हैसा?  
(ग) पान वाला देखने में कैसा था?

**Part- 3 (Application Skill)**

प्रश्न-6 निम्नलिखित प्रश्नों के उत्तर एक शब्द में दीजिए।

- क- चश्मेवाले का नाम क्या था?  
ख- हालदार साहब कौन थे?  
ग- पानवाले की एक विशेषता बताइए।

प्रश्न-7 निम्नलिखित प्रश्नों के उत्तर दीजिए।

- क- “वो लँगड़ा क्या जाएगा फौज में। पागल है पागल!”  
कैप्टन के प्रति पानवाले की इस टिप्पणी पर अपनी प्रतिक्रिया लिखिए।  
ख- मूर्ति पर सरकंडे का चश्मा क्या उम्मीद जगाता है?  
ग- सेनानी न होते हुए भी चश्मेवाले को लोग कैप्टन क्यों कहते थे?

**Part- 4 (Learning Homework)**

याद करने हेतु गृहकार्य—पाठ-10 नेता जी का चश्मा के प्रश्न उत्तर याद कीजिए।



**R.E.D. GROUP OF SCHOOLS**  
**Chapter-wise Revision Assignment No.2**  
**Subject – Hindi Class:10th**

पाठ संख्या :11,12

पाठ का नाम— बालगोबिन भगत , लखनवी अंदाज

**Part- 1 (Vocabulary Skill)**

प्रश्न-1 निम्नलिखित शब्दों के अर्थलिखिए।

- |                 |             |
|-----------------|-------------|
| i. मंझोले       | vi. सुगंध   |
| ii. कुतूहल      | vii. रईस    |
| iii. प्रभातियां | viii. सकील  |
| iv अधरतियां     | ix. सफेदपोश |
| v. तल्लीनता     | x. लजीज     |

प्रश्न-2 निम्नलिखित शब्दों के पर्यायवाची शब्द लिखिए।

- क) पोखरे –  
ख) दीया –

प्रश्न-3 निम्नलिखित शब्दों के विलोम शब्द लिखिए।

- क) निगरानी –  
ख) बोदा –

प्रश्न-4 निम्नलिखित शब्दों के समश्रुतिभिन्नार्थक शब्द लिखिए।

- क) अवधि –  
ख) अवधी –

**Part- 2 (Reading Skill)**

प्रश्न 5. निम्नलिखित पठित गद्यांशकोपढ़करपूछे गए प्रश्नों के उत्तरदीजिए –

बेटे का पूरा दाह संस्कार अपनी बहू से ही करवाया। सभी संस्कार की विधि समाप्त होने पर बाल गोविंद ने बहू के बड़े भाई को बुलाकर उसका पुनर्विवाह कराने का आदेश दिया। किंतु बहू कहां मानने वाली थी? उसने ससुर की सेवा करते हुए पूरा जीवन निर्वाह करने की ठान ली थी, किंतु बालगोबिन भगत स्वभाव और व्यवहार के सरल व्यक्ति थे। उन्होंने बहु से कहा अगर वह अपने भाई के साथ मायके नहीं गई और पुनर्विवाह नहीं किया तो वह स्वयं घर छोड़ कर चला जाएगा। वह अपनी बहु को अपने पुत्र या अपने घर से बांधकर नहीं रखना चाहते थे। वह अपनी बहू को किसी प्रकार का कष्ट नहीं देना चाहते थे, बल्कि उसकी मांग में हमेशा सिंदूर और हंसी खुशी भी देखना चाहते थे। बालगोबिन भगत की मृत्यु भी महात्मा की भांति हुई। प्रत्येक वर्ष की भांति गंगा स्नान करने गया था, सर्द मौसम था। हल्का बुखार शरीर पर चढ़ा हुआ था। वह गंगा स्नान के लिए चार-पांच दिन की यात्रा करके जाते थे। वह रुक कर बीच में कहीं खाना नहीं खाते थे और न ही भीख मांगते थे। वह घर से खाना खाकर जाते और घर आकर ही खाना खाते थे, यही उनके आचरण में था।

उपरोक्त गद्यांश से निम्नलिखित प्रश्नों के उत्तर दीजिए।

- (क) भगत जी ने पुत्रवधू के भाई को क्यों बुलाया ?  
(ख) भगत जी बेटे के मरने के उसका अंतिम संस्कार किससे करवाया ?  
(ग) बालगोबिन भगत की मृत्यु कैसे हुई ?

**Part- 3 (Application Skill)**

प्रश्न-6 निम्नलिखितप्रश्नों के उत्तर एक शब्द में दीजिए।

- (क) बालगोबिन भगत किसे "साहब" मानते थे ?  
(ख) भगत जी बेटे के मरने के बाद अपनी बहू की दूसरी शादी क्यों करवाना चाहते थे?  
(ग) भगत जी ने समाज की कौन सी कुरीतियों का विरोध किया ?

प्रश्न-7 निम्नलिखितप्रश्नों के उत्तरदीजिए।

- (क) खीरा काटा, नमक मिर्च बुरककर अंत तक सूंघकर एक खिड़की से बाहर फेंक दिया। उनका ऐसा करना उनके कैसे स्वभाव को इंगित करता है ?  
(ख) लखनवी अंदाज का आशय स्पष्ट कीजिए।  
(ग) बिना विचार, घटना और पात्रों के भी क्या कहानी लिखी जा सकती है ?

**Part- 4 (Learning Homework)**

याद करने हेतु गृहकार्य –

पाठ-11 बालगोबिन भगत के प्रश्न उत्तर याद कीजिए।

पाठ-12 लखनवी अंदाज के प्रश्न उत्तर याद कीजिए।



**R.E.D. GROUP OF SCHOOLS**  
**Chapter-wise Revision Assignment No.3**  
**Subject – Hindi Class:10 th**

पाठ संख्या :1 ,4

पाठ का नाम: सूरदास के पद , आत्मकथ्य

**Part- 1 (Vocabulary Skill)**

प्रश्न-1 निम्नलिखित शब्दों के अर्थलिखिए।

- |                 |              |
|-----------------|--------------|
| i. अष्टछाप      | vi. रीति     |
| ii. सर्वश्रेष्ठ | vii. विडंबना |
| iii. दृष्टिगोचर | viii. मौन    |
| iv. बिरहिनि     | ix. व्यथा    |
| v. गुहारि       | x. मतवाली    |

प्रश्न-2 निम्नलिखित शब्दों के पर्यायवाची शब्द लिखिए।

- क) लघु  
ख) भागना

प्रश्न-3 निम्नलिखित शब्दों के विलोम शब्द लिखिए।

- क) अबला –  
ख) प्रेम –

प्रश्न-4 निम्नलिखित शब्दों के समश्रुतिभिन्नार्थक शब्द लिखिए।

- क) गुर –  
ख) गुड–

**Part- 2 (Reading Skill)**

प्रश्न 5. निम्नलिखित पद्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर के लिए सही विकल्प छांटकर लिखिए

ऊधौ , तुम हौ अति बड़भागी ।  
अपरस रहत सनेह तगा तैं , नाहिन मन अनुरागी ।  
पुरइनि पात रहत जल भीतर , ता रस देह न दागी ।  
ज्यों जल माहँ तेल की गागरि , बूँद न ताकों लागी ।  
प्रीति-नदी में पाउँ न बोरयौ , दृष्टि न रूप परागी ।  
'सूरदास ' अबला हम भोरी , गुर चाँटी ज्यों पागी ।।

उपरोक्त पद्यांश से निम्नलिखित प्रश्नों के उत्तर दीजिए।

- (क) उद्धव किसकी संगति में रहकर भी प्रेम से अछूते रहे हैं?  
(ख) गोपियाँ कृष्ण के प्रति कैसी भावना रखती हैं?  
(ग) गोपियाँ स्वयं को क्या समझती हैं?

**Part- 3 (Application Skill)**

प्रश्न-6 निम्नलिखित प्रश्नों के उत्तर एक शब्द में दीजिए।

- (क) श्री कृष्ण के दूत का नाम क्या था?  
(ख) महापुरुषों ने जीवन की कहानी को कहां लिखा ?  
(ग) कवि ने आकाश को कैसा बताया है ?

प्रश्न-7 निम्नलिखित प्रश्नों के उत्तर दीजिए।

- (क) कवि जीवन की कमियों को क्यों नहीं लिखना चाहता?  
(ख) गोपियों ने उद्धव की तुलना किस –किस से की है ?  
(ग) गोपियों ने अपने आप को अबला क्यों कहा है ?

**Part- 4 (Learning Homework)**

याद करने हेतु गृहकार्य –

- पाठ- 1' सूरदास के पद प्रश्न उत्तर याद कीजिए।  
पाठ-4 आत्मकथ्य के प्रश्न उत्तर याद कीजिए।



**R.E.D. GROUP OF SCHOOLS**  
**Chapter-wise Revision Assignment No.4**  
**Subject – Hindi Class:10 th**

पाठ संख्या :2

पाठ का नाम: राम-लक्ष्मण-परशुराम संवाद

**Part- 1 (Vocabulary Skill)**

प्रश्न-1 निम्नलिखित शब्दों के अर्थलिखिए।

- |             |               |
|-------------|---------------|
| i. महाभट    | vi. भंजनिहारा |
| ii. विलोकी  | vii. कौशिक    |
| iii. सुर    | viii. मंद     |
| iv. संभुधनु | ix. घालकु     |
| v. कुटारु   | x. कुटिलु     |

प्रश्न-2 निम्नलिखित शब्दों के पर्यायवाची शब्द लिखिए।

- क) दलन  
ख) विदित

प्रश्न-3 निम्नलिखित शब्दों के विलोम शब्द लिखिए।

- क) सकल –  
ख) सम –

प्रश्न-4 निम्नलिखित शब्दों के समश्रुतिभिन्नार्थक शब्द लिखिए।

- क) सील –  
ख) सिल –

**Part- 2 (Reading Skill)**

प्रश्न 5. निम्नलिखित पद्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर के लिए सही विकल्प छांटकर लिखिए

नाथ संभुधनु भंजनिहारा । होइहि केउ एक दास तुम्हारा ॥  
आयेसु काह कहिअ किन मोही । सुनि रिसाइ बोले मुनि कोही ॥  
सेवकु सो जो करै सेवकाई । अरिकरनी करि करिअ लराई ॥  
सुनहु राम जेहि सिवधनु तोरा । सहसबाहु सम सो रिपु मोरा ॥  
सो बिलगाउ बिहाइ समाजा । न त मारे जैहहिं सब राजा ॥  
सुनि मुनिबचन लखन मुसुकाने । बोले परसुधरहि अवमाने ।  
बहु धनुही तोरी लरिकाई । कबहुँ न असि रिस कीन्हि गोसाई ॥  
येहि धनु पर ममता केहि हेतू । सुनि रिसाइ कह भृगुकुलकेतू ॥  
रे नृपबालक कालबस बोलत तोहि न संभार ।  
धनुही सम त्रिपुरारिधनु बिदित सकल संसार ॥

उपरोक्त पद्यांश से निम्नलिखित प्रश्नों के उत्तर दीजिए।

- (क) शिवजी का धनुष तोड़ने वाले को परशुराम अपना क्या समझते हैं?  
(ख) किसके वश में आकर लक्ष्मण के मुँह से होशपूर्वक वचन नहीं निकल रहे हैं?  
(ग) जो सेवा का काम करे वो क्या कहलाता है?

**Part- 3 (Appliction Skill)**

प्रश्न-6 निम्नलिखित प्रश्नों के उत्तर एक शब्द में दीजिए।

- (क) राम-लक्ष्मण-परशुराम संवाद – रामचरितमानस के किस कांड से लिया है?  
(ख) भृगुकुलकेतू शब्द का अर्थ क्या है ?  
(ग) सहसबाहु कौन था ?

प्रश्न-7 निम्नलिखित प्रश्नों के उत्तर दीजिए।

- (क) परशुराम के क्रोध करने पर लक्ष्मण ने धनुष के टूट जाने के लिए कौन-कौन से तर्क दिए?  
(ख) परशुराम के क्रोध करने पर राम और लक्ष्मण की जो प्रतिक्रियाएँ हुईं उनके आधार पर दोनों के स्वभाव की विशेषताएँ अपने शब्दों में लिखिए।  
(ग) परशुराम ने लक्ष्मण को गुरु द्रोही क्यों कहा था ?

**Part- 4 (Learning Homework)**

याद करने हेतु गृहकार्य –

पाठ- राम-लक्ष्मण-परशुराम संवाद प्रश्न उत्तर याद कीजिए।



# R.E.D. GROUP OF SCHOOLS

व्याकरण अभ्यास कार्यपत्र  
कक्षा-दसवीं

## अनुभाग-क (शब्द संरचना)

प्रश्न-1 (i) रीतिवाचक क्रिया विशेषण किसे कहते हैं?

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(ii) संबंधबोधक की परिभाषा उदाहरण सहित लिखिए।

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प्रश्न-2 निर्देशानुसार उचित विकल्प का चयन कीजिए।

- (i) वह पढकर खेलने गया।(क्रिया का भेद बताइए)  
(क) नामधातु क्रिया (ख) संयुक्त क्रिया  
(ग) पूर्वकालिक क्रिया (घ) सहायक क्रिया

(ii) रेखांकित पद में विशेषण का भेद लिखिए-

यह घर पुराना है।

- (क)संख्यावाचकविशेषण (ख) परिमाणवाचकविशेषण  
(ग) गुणवाचकविशेषण (घ) सार्वनामिकविशेषण

प्रश्न-3 रिक्त स्थान की पूर्ति उचित विकारी/अविकारी शब्द से करते हुए भेद लिखिए।

- (i) मैं उसे ..... जानता हूँ।  
(ii) माँ बच्चे को ..... पिलाती है।  
(iii) जीवन में ..... से बचो।  
(iv) मोहन ..... खेलता रहा।

प्रश्न-4 रेखांकित पद में विकारी/अविकारी शब्द का भेद पहचान कर नाम लिखिए।

- (i) मेरे घर के सामने पार्क है।  
(ii) वह तेज भागा मगर गाड़ी न पकड़ सका।  
(iii) रजनी भीतर बैठी है।

## अनुभाग-ख (वाक्य संरचना)

प्रश्न-5 निम्नलिखित काल को परिभाषित करके उदाहरण दीजिए-

(i) आसन्न भूतकाल की परिभाषा उदाहरण सहित लिखिए।

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(ii) संदिग्ध वर्तमानकाल की परिभाषा उदाहरण सहित लिखिए।

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**प्रश्न-6 निर्देशानुसार उचित विकल्प का चयन कीजिए।**

- (i) 'उद्गम' शब्द में उपसर्ग बताइए—  
(क) उत् (ख) उद् (ग) अति (घ) आ
- (ii) 'अत्युत्तम' शब्द में उपसर्ग बताइए—  
(क) अ (ख) आ (ग) अति (घ) अत्
- (iii) 'बोली' शब्द में किस प्रत्यय का प्रयोग हुआ है?  
(क) ली (ख) इ (ग) ई (घ) सभी विकल्प सही हैं
- (iv) 'शिक्षक' शब्द में किस उपसर्ग का प्रयोग हुआ है?  
(क) क (ख) अन् (ग) अक (घ) कोई प्रत्यय नहीं

**प्रश्न-7 निम्नलिखित प्रश्नों के उत्तर निर्देशानुसार दीजिए—**

- (i) दीपक जला और अंधेरा नष्ट हुआ। (वाक्य का प्रकार बताइए)  
(क) सरल वाक्य (ख) संयुक्त वाक्य  
(ग) मिश्र वाक्य (घ) संकेतवाचक वाक्य
- (ii) आज धूप निकलने की संभावना है। (मिश्र वाक्य में बदलिए)  
(क) आज धूप निकल सकती है।  
(ख) आज धूप और बारिश आने की संभावना है।  
(ग) संभावना है कि आज धूप और बारिश आएगी।  
(घ) संभावना है कि आज धूप निकले।
- (iii) जब शाम हो तब लौट आना। (सरल वाक्य में बदलिए)  
(क) शाम होते ही घर आ जाना।  
(ख) शाम में लौट आना।  
(ग) जैसे ही शाम हो जैसे ही लौट आना।  
(घ) उपर्युक्त कोई नहीं।

**प्रश्न-8 जो केले तुम लाए थे, वह बहुत ही मीठे हैं। वाक्य में कौन-सा उपवाक्य है?**

- (क) विशेषण उपवाक्य (ख) क्रिया-विशेषण उपवाक्य  
(ग) संज्ञा उपवाक्य (घ) सर्वनाम उपवाक्य

**प्रश्न-9 निम्नलिखित वाक्यों के दिए गए वाच्य परिवर्तनों में से सही विकल्प का चयन कीजिए।**

- (i) वह घर आकर खाना बनाने लगा।  
(क) उसके द्वारा घर आकर खाना बनाया जाने लगा।  
(ख) उससे घर आकर खाना बनाया जाने लगा।  
(ग) उसके द्वारा घर आकर खाना बनाया जाएगा।  
(घ) उसके द्वारा घर आकर खाना बनाया जा रहा है
- (ii) मैं अब चल नहीं सकता।  
(क) मेरे द्वारा अब चला नहीं जा सकता। (ख) मुझसे अब चला नहीं जा सकता।  
(ग) मेरे द्वारा अब चला नहीं जा सकेगा। (घ) मेरे द्वारा अब चला नहीं जाता।
- (iii) वह कमरे में जाकर सो गया।  
(क) उसके द्वारा कमरे में जाकर सोया गया। (ख) उसके द्वारा कमरे में जाकर सोया जाएगा।  
(ग) उसके द्वारा कमरे में जाकर सोया जा रहा है। (घ) उससे कमरे में जाकर सोया गया।

**प्रश्न-10 आओ अब घूमा जाए। (वाच्य का प्रकार बताइए)**

- (क) कर्तृवाच्य (ख) कर्मवाच्य  
(ग) भाववाच्य (घ) इनमें से कोई नहीं

**अनुभाग-ग (पाठ्यक्रम संबंधी व्याकरण)**

**प्रश्न-11 निम्नलिखित काव्य-पंक्तियों में प्रयुक्त अलंकार का सही विकल्प का चयन कीजिए।**

- (i) सूरदास अबला हम भोरी गुर चींटी ज्यों पागी।  
(क) उत्प्रेक्षा (ख) अतिशयोक्ति (ग) श्लेष (घ) मानवीकरण
- (ii) लो यह लतिका भी भर लाई, मधु मुकुल नवल रस गागरी।  
(क) उत्प्रेक्षा (ख) अतिशयोक्ति (ग) श्लेष (घ) मानवीकरण

- (iii) वह शर इधर गाण्डीव गुण से, भिन्न जैसे ही हुआ।  
धड़ से जयद्रथ का उधर सिर, छिन्न जैसे ही हुआ।।  
(क) उत्प्रेक्षा (ख) अतिशयोक्ति (ग) श्लेष (घ) मानवीकरण
- (iv) चरण धरत चिंता करत, चितवत चहुँ ओर।  
सुबरन को खोजत फिरत, कवि व्यभिचारी चोर।।  
(क) उत्प्रेक्षा (ख) अतिशयोक्ति (ग) श्लेष (घ) मानवीकरण

अनुभाग-घ (रचनात्मक लेखन)

- प्रश्न-12** आपके बिजली के बिल में अतिरिक्त जुर्माना लगाया गया है जो आपके अनुमानानुसार गलत है। इसकी शिकायत करते हुए बिजली विभाग के अधिकारी को पत्र लिखिए।
- प्रश्न-13** नारी शिक्षा-नारी सशक्तिकरण' विषय पर अनुच्छेद लिखिए।  
**संकेत बिंदु:**  
आज नारी शिक्षा की आवश्यकता, अधिकारों को जानने का माध्यम, नारी सशक्तिरण के लिए आवश्यक।

# Summer Holidays Homework Framework

SESSION: 2024-25  
CLASS – 10th (Non-NTSE)

Subject: Maths

Text Book: NCERT

## 1. Syllabus Covered upto MAY END

- Chapter No.- 1 (Real numbers)
- Chapter No.- 2 (Polynomial)
- Chapter No.- 3 (Pair of linear equations in two variables)
- Chapter No.-,4 (Quadratic equations)
- Chapter No.- 5 (Arithmetic progressions)
- Chapter No.- 6 (Triangles)
- Chapter No.- 7 (Coordinate Geometry)

## 2. List of all new concepts taught upto MAY END

- 1 Fundamental theorem of arithmetic
- 2 Proof of irrational numbers
- 3 Geometrical meaning of the zeroes of a polynomial
- 4 Relationship between zeroes and coefficient of a polynomial
5. Pairs of linear equations in two variables
- 6 Algebraic , substitution and elimination method
- 7 Quadratic equation, solution of a quadratic equation by factorization
- 8 Nature of roots
- 9 Arithmetic progressions, nth term of an AP
- 10 Sum of first n terms of an AP
- 11 Similar figures, similarity of triangles
- 12 Criteria for similarity of triangles
- 13 Distance formula
- 14 section formula

## 3. Summer Holiday Homework:

- Reading Homework:
  - **Section - A:** Pre-Reading Homework
- Written Homework:
  - **Section-B:** Chapter-wise Revision Assignment
  - **Section-C-** Lab Practical
  - **Section-D-** Indian Mathematicians and their contributions
  - **Section-E:** Creative Project/ Model

## 4. Tools required for doing Homework:

- Text Book
- Notebook
- A<sub>4</sub>Sheets

## 5. Instruction/Guidelines for Reading Homework:

- Section – A: Pre-Reading Homework
  - Do the Pre-Reading of Chapter No. 8 and 9
  - Write all the difficult words & their meanings of above chapters in Maths N.B.

## 6. Instruction/Guidelines for Written Homework

- **Section-B:** Do the given Assignments in A-4 sheets.
- **Section-C:** Lab Practical
  - Make the following lab activities in lab manual  
Activity 1.1 linear polynomials  
Activity 1.2 Quadratic polynomials  
**Activity 1.3 pair of linear equations into variables**
- **Section-D- Indian Mathematicians and their contribution (Any 2 Mathematicians).**  
Inquire for the Indian mathematicians and prepare a project on A4 size sheets and a collage by using their pictures.
  - **Mathematicians for Research:**
    - **Srinivasa Ramanujan**

- **Brahamgupta**
- **Point to be enquired:**
  - Birth
  - Education
  - Branch in which they worked
  - Achievements
- **Section – E: Creative Project/ Models**
  - Topic: Roll no 1 to 8 :- Real numbers working model
  - Topic: Roll no 9 to 16 :- Working model in A.P
  - Topic: Roll no 17 to 24 :- Model on linear equations in two variables
  - Topic: Roll no 25 to 31 :- working model of similar figures
  - Topic - Roll no.32 to 35 :- 3 - D models of quadratic polynomials

**7. Marking scheme for Maths homework: –**

- **Section-A : Pre-Reading HW**
  - Difficult words & their meanings in N.B. **4 marks**
- **Section-B : Chapter wise Revision Assignments** **4 marks**
- **Section-C : Lab Practical** **4 marks**
- **Section-D : Mathematician for Research** **4 marks**
- **Section-E : Project/Model** **4 marks**

<b>Total marks of Maths H.W.</b>	<b><u>20 marks</u></b>
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**8. Important Note:**

- **All students must submit their vacation Homework of All Subjects for Assessment by teacher on 1st July 2024 by all means. Five marks will be deducted for per day of delay after 1st July 2024.**



# R.E.D. Group of Schools

## Chapter-wise Revision Assignment-1

Class:10th

Ch.No.: 1,2

Subject: Maths

Ch. Name: Real numbers & Polynomials

**For recapitulation & solving the assignment the students should refer to their Text Book of Maths**

### Part-1 – Vocabulary skills

**Q.1. Define the following key terms:**

- |                           |                 |              |                 |
|---------------------------|-----------------|--------------|-----------------|
| (i) Fundamental           | (ii) Arithmetic | (iii) Unique | (iv) Rational   |
| (v) Polynomial            | (vi) Degree     | (vii) Linear | (viii) Equation |
| (ix) Quadratic polynomial | (x) Cubic       |              |                 |

**Q.2. Write the Formula/Sign/Symbol of the following terms:**

- a) Define Fundamental Theorem of Arithmetic?  
b) Write the relationship between zeroes and coefficients of a quadratic polynomial  
i) Sum of zeroes  
ii) Product of zeroes

### Part-2 – Reading skills

**Q.3. Read the following Passage from the Chapter & answer the questions.**

#### Passage

In Class IX, you have studied polynomials in one variable and their degrees. Recall that if  $p(x)$  is a polynomial in  $x$ , the highest power of  $x$  in  $p(x)$  is called the degree of the polynomial  $p(x)$ . A polynomial of degree 1 is called a linear polynomial. For example,  $2x - 3$ ,  $3x + 5$ ,  $x + y + 2$ ,  $3z + 4$ ,  $3u$  etc. are all linear polynomials. Polynomials such as  $2x^2 + 5 - x^2$ ,  $x^3 + 1$ , etc., are not linear polynomials. A polynomial of degree 2 is called a quadratic polynomial. The name 'quadratic' has been derived from the word 'quadrate', which means 'square'. More generally, any quadratic polynomial in  $x$  is of the form  $ax^2 + bx + c$ , where  $a$ ,  $b$ ,  $c$  are real numbers and  $a \neq 0$ . A polynomial of degree 3 is called a cubic polynomial. Some examples of a cubic polynomial are  $x^3$ ,  $x^3 + 3$ ,  $3x^3 - 2x^2 + x - 1$ . In fact, the most general form of a cubic polynomial is  $ax^3 + bx^2 + cx + d$ , where  $a$ ,  $b$ ,  $c$ ,  $d$  are real numbers and  $a \neq 0$ .

**Answer the following Questions from the passage:-**

- (A) Define degree of a polynomial ?  
(B) What does quadrate means ?  
(C) A polynomial of degree 3 is called.....

### Part-3 – Application skills of Subject Tools & Concepts

**Q.4. Solve these 3 mental math questions: -**

- a) The sum or difference of a rational and an irrational number is.....  
b) What is the difference between equation and polynomial ?  
c) Write general form of quadratic polynomial ?

**Q.5. Do the following questions on the basis of reasoning skills:**

- i) The number of polynomials having zeroes as  $-2$  and  $5$  is  
(A) 1 (B) 2 (C) 3 (D) more than 3  
ii) If one of the zeroes of the quadratic polynomial  $(k-1)x^2 + kx + 1$  is  $-3$ , then the value of  $k$  is  
(A)  $4/3$  (B)  $-4/3$  (C)  $2/3$  (D)  $-2/3$

**Q.6. Solve the following Assertion-Reason/Statement based question**

**Directions:** In the following questions, a statement of assertion (A) is followed by a statement of reason (R). Mark the correct choice as:

- (a) Both assertion (A) and reason (R) are true and reason (R) is the correct explanation of assertion  
(b) Both assertion (A) and reason (R) are true but reason (R) is not the correct explanation of assertion (A).  
(c) Assertion(A) is true but reason (R) is false.  
(d) Assertion (A) is false but reason (R) is true.

(i) **Assertion:**  $x^2 + 7x + 12$  has no real zeroes.

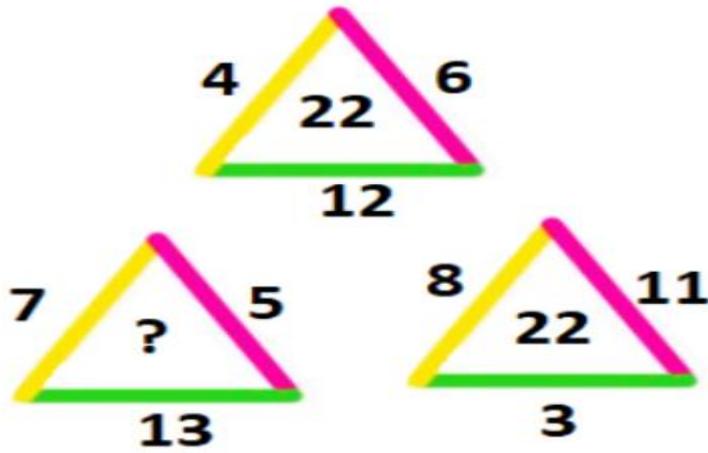
**Reason:** A quadratic polynomial can have at the most two zeroes.

(ii) **Assertion:**  $P(x) = 4x^3 - x^2 + 5x^4 + 3x - 2$  is a polynomial of degree 3.

**Reason:** The highest power of  $x$  in the polynomial  $P(x)$  is the degree of the polynomial.

**Q.7. Solve the following Puzzle/Sudoku**

**Puzzle**



**Sudoku**

complete the sudoku repetition is not allowed in row, column & square

		5	6	7	3		2	
				1			4	
1	7			2	5	8		
	4	8	3		1		5	
	9	2		5				1
6			9	8			7	4
				9		4		
		7			8			3
	6						9	8

**Q.8. Solve the following Real Life descriptive 3 word problems: -**

- Find the LCM and HCF of 6 and 20 by the prime factorisation method.
- If p and q are primes then find HCF of p & q
- Find the zeroes of the polynomial  $x^2 + 1/6 x - 2$ , and verify the relation between the coefficients and the zeroes of the polynomial

**Q.9. Answer the following Short Answer Type Questions**

- Check whether 4 raised to power n can end with the digit 0 for any natural number n.
- Explain why  $7 \times 11 \times 13 + 13$  and  $7 \times 6 \times 5 \times 4 \times 3 \times 2 \times 1 + 5$  are composite numbers.
- Prove that  $\sqrt{7}$  is irrational.
- Find the largest number which divides 70 and 125 leaving remainder 5 and 8 respectively.
- Find a quadratic polynomial with the sum and product of its zeroes is 0 and 5 respectively.

**Q.10. Answer the following Long Answer Type Questions**

- Find the value of "p" from the polynomial  $x^2 + 3x + p$ , if one of the zeroes of the polynomial is 2.
- Compute the zeroes of the polynomial  $4x^2 - 4x - 8$ . Also, establish a relationship between the zeroes and coefficients.
- If the HCF of 408 and 1032 is expressible in the form  $1032 \times 2 + 408 \times p$ , then find the value of p..
- $\alpha$  and  $\beta$  are zeroes of the quadratic polynomial  $x^2 - 6x + y$ . Find the value of 'y' if  $3\alpha + 2\beta = 20$ .
- Find the largest number that will divide 398, 436 and 542 leaving remainders 7, 11, and 15 respectively.



# R.E.D. Group of Schools

## Chapter-wise Revision Assignment-2

Class:10th  
Ch.No.: 3,4

Subject: Maths  
Ch. Name: linear equations in two variables & Quadratic equations

For recapitulation & solving the assignment the students should refer to their Text Book of Maths

### Part-1 – Vocabulary skills

**Q.1. Define the following key terms:**

- |                |                 |                  |                  |
|----------------|-----------------|------------------|------------------|
| (i) Equivalent | (ii) Downstream | (iii) Consistent | iv) Linear       |
| (v) Equation   | (vi) Factors    | (vii) Roots      | (viii) Variables |
| (ix) Distinct  | (x) Length      |                  |                  |

**Q.2. Write the Formula/Sign/Symbol of the following terms:**

- a) Quadratic Equations  
b) Parallel

### Part-2 – Reading skills

**Q.3. Read the following Passage from the Chapter & answer the questions.**

#### Passage

A pair of linear equations which has no solution, is called an inconsistent pair of linear equations. A pair of linear equations in two variables, which has a solution, is called a consistent pair of linear equations. A pair of linear equations which are equivalent has infinitely many distinct common solutions. Such a pair is called a dependent pair of linear equations in two variables. Note that a dependent pair of linear equations is always consistent

**Answer the following Questions from the passage:-**

- (A) Define an inconsistent pair of linear equations ?  
(B) A pair of linear equations in two variables, which has a solution, is called a.....?  
(C) Define a dependent pair of linear equations in two variables?

### Part-3 – Application skills of Subject Tools & Concepts

**Q.4. Solve these 3 mental math questions: -**

- a) The pair of equations  $5x - 15y = 8$  and  $3x - 9y = 24$  has  
(A) one solution (B) two solutions (C) infinitely many solutions (D) no solution  
b) The sum of the digits of a two-digit number is 9. If 27 is added to it, the digits of the number get reversed. The number is  
(A) 25 (B) 72 (C) 63 (D) 36

c) Write general form of quadratic equation ?

**Q.5. Do the following questions on the basis of reasoning skills:**

- (i) The pair of equations  $x + 2y + 5 = 0$  and  $-3x - 6y + 1 = 0$  have  
(A) a unique solution (B) exactly two solutions (C) infinitely many solutions (D) no solution  
ii) The value of c for which the pair of equations  $cx - y = 2$  and  $6x - 2y = 3$  will have infinitely many solutions is  
(A) 3 (B) -3 (C) -12 (D) no value

**Q.6. Solve the following Assertion-Reason/Statement based question**

**Directions:** In the following questions, a statement of assertion (A) is followed by a statement of reason (R). Mark the correct choice as:

- (a) Both assertion (A) and reason (R) are true and reason (R) is the correct explanation of assertion (A).  
(b) Both assertion (A) and reason (R) are **true** but reason (R) is not the correct explanation of assertion (A).  
(c) Assertion (A) is true but reason (R) is false.  
(d) Assertion (A) is false but reason (R) is true.
- (i) **Assertion:** The graph of the linear equations  $3x+2y=12$  and  $5x-2y=4$  gives a pair of intersecting lines.  
**Reason:** The graph of linear equations  $a_1x+b_1y+c_1=0$  and  $a_2x+b_2y+c_2=0$  gives a pair of intersecting lines if  $a_1/a_2 \neq b_1/b_2$
- (ii) **Assertion:** The linear equations  $x-2y-3=0$  and  $3x+4y-20=0$  have exactly one solution  
**Reason:** The linear equation  $2x+3y-9=0$  and  $4x+6y-18=0$  have a unique solution.

**Q.7. Solve the following Puzzle/Sudoku**

**Puzzle**

$$\text{Apple} \times \text{Apple} \times \text{Apple} = 27$$

$$\text{Apple} \times \text{Lemon} \times \text{Lemon} \times \text{Lemon} = 24$$

$$\text{Apple} \times \text{Lemon} \times \text{Orange} \times \text{Orange} = 96$$

$$\text{Orange} + \text{Apple} \times \text{Lemon} = ?$$

### Sudoku

Find the missing values in the table using the given information:

Column 1 : Column 2 = 2 : 3

Row 1 : Row 2 = 1 : 4

	Column 1	Column 2
Row 1	2	A
Row 2	B	C

A A = 3 ; B = 8 ; C = 12

B A = 3 ; B = 8 ; C = 18

C A = 8 ; B = 3 ; C = 12

D A = 8 ; B = 3 ; C = 18

### Q.8. Solve the following Real Life descriptive 3 word problems: -

- Find the roots of the quadratic equation  $x^2 - 3x - 10 = 0$
- Find two numbers whose sum is 27 and product is 182
- The altitude of a right triangle is 7 cm less than its base. If the hypotenuse is 13 cm, find the other two sides.

### Q.9. Answer the following Short Answer Type Questions

- On comparing the ratios  $a_1/a_2 = b_1/b_2 = c_1/c_2$ , find out whether the lines representing the following pairs of linear equations intersect at a point, are parallel or coincident:  $6x - 3y + 10 = 0$ ,  $2x - y + 9 = 0$
- Half the perimeter of a rectangular garden, whose length is 4 m more than its width, is 36 m. Find the dimensions of the garden.
- If  $2x + y = 23$  and  $4x - y = 19$ , find the values of  $5y - 2x$  and  $y/x - 2$ .
- Represent the following situations in the form of quadratic equations : (i) The area of a rectangular plot is  $528 \text{ m}^2$ . The length of the plot (in metres) is one more than twice its breadth. We need to find the length and breadth of the plot.
- Find the roots of the quadratic equation  $6x^2 - x - 12 = 0$ .

### Q.10. Answer the following Long Answer Type Questions

- Is it true to say that the pair of equations  $-x + 2y + 2 = 0$  and  $1/2x - 1/4y - 1 = 0$  has a unique solution? Justify your answer
- 5 year hence the age of Jacob will be three times that of his son, 5 years ago Jacob's age was 7 times that of his son what are their present ages ?
- For which value of k will the pair of equations  $kx + 3y = k$  and  $2x + ky = k$  have no solution?
- State whether the following quadratic equations have two distinct real roots. Justify your answer. (i)  $x^2 - 3x + 4 = 0$  (ii)  $2x^2 + x - 1 = 0$
- Check algebraically whether the pair of equations  $x + 3y = 6$  and  $2x - 3y = 12$  is consistent. If so, solve them algebraic method.



# R.E.D. Group of Schools

## Chapter-wise Revision Assignment-3

Class:10  
Ch.No.: 5

Subject: Maths  
Ch. Name: ARITHMETIC  
PROGRESSION

For recapitulation & solving the assignment the students should refer to their Text Book of Maths (Ch ARITHMETIC PROGRESSION)

### Part-1 – Vocabulary skills

Q.1. Define the following key terms:

- |                 |                               |                  |
|-----------------|-------------------------------|------------------|
| (i) Arithmetic  | (ii) Progression              | (iii) term       |
| (iv) Succeeding | (v) Preceding                 | (vi) Sequence    |
| (vii) Series    | (viii) Arithmetic progression | (ix) consecutive |
| (x) Difference  |                               |                  |

Q.2. Write the Formula/Sign/Symbol of the following terms:

- a) Sum of nth term                      b) nth term of an AP

### Part-2 – Reading skills

Q.3. Read the following Passage from the Chapter & answer the questions.

#### Passage

The successive terms are obtained by adding a fixed number to the preceding terms. Such list of numbers is said to form an Arithmetic progression ( AP ). so, an arithmetic progression is a list of numbers in which each term is obtained by adding a fixed number to the preceding term except the first term. this fixed number is called the common difference of the AP. Remember that it can be positive, negative or zero. Rational

Answer the following Questions from the passage:-

- (A) What is common difference ?  
(B) How we make a A.P give one example ?  
(C) Is it possible zero is common difference explain it ?

### Part-3 – Application skills of Subject Tools & Concepts

Q.4. Solve these 3 mental math questions: -

- a)  $125\%$  of  $86 + 43 \times 32 \div 8$                       b)  $2555.5 + 2000.8 - 1554.3$   
c)  $26 \times 15 + 310 - 15 \times 15$

Q.5. Do the following questions on the basis of reasoning skills:

- i) Look at this series: 12, 11, 13, 12, 14, 13, ... What number should come next?  
a) 10                      b) 16                      c) 13                      d) 15
- ii) Which word does NOT belong with the others?  
a) index                      b) glossary                      c) chapter                      d) book

Q.6. Solve the following Assertion-Reason/Statement based question

Directions:

- (a) If both Assertion and Reason are correct and Reason is the correct explanation of Assertion.  
(b) If both Assertion and Reason are correct, but Reason is not the correct explanation of Assertion.  
(c) If Assertion is correct but Reason is incorrect.  
(d) If Assertion is incorrect but Reason is correct.

i) **Assertion :** The sum of the series with the nth term,  $t_n = (9 - 5n)$  is (465), when no. of terms  $n = 15$ .

**Reason :** Given series is in A.P. and sum of n terms of an A.P. is

$$S = \frac{n}{2} [2a + (n-1)d]$$

- a)                      b)                      c)                      d)

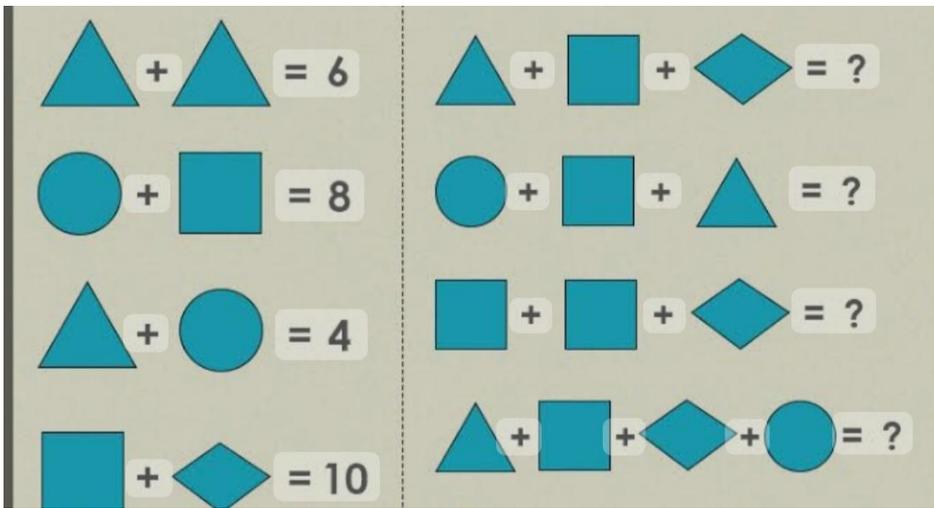
(ii) **Assertion: Sum of natural number from 1 to 100 is 5050**

**Reason: Sum of n natural number is  $\frac{n(n+1)}{2}$**

- a)                      b)                      c)                      d)

Q.7. Solve the following Puzzle/Sudoku

Puzzle



sudoku

1			2			3		
2			3			4		
3			4			5		
4			5			6		
		3			4			5
		4			5			6
		5			6			7
		6			7			8

**Q.8. Solve the following Real Life descriptive 3 word problems: -**

A water tank develops a leak. Each week, the tank loses 55 gallons of water due to the leak. Initially, the tank is full and contains 1500 gallons.

- How many gallons are in the tank 20 weeks later?
- How many weeks until the tank is half-full?
- How many weeks until the tank is empty?

**Q.9. Answer the following Short Answer Type Questions**

- \_, 38, \_, \_, \_, 22 find the missing number in the boxes.
- Determine the AP whose 3rd term is 16 and 7th term exceeds the 5th term by 12.
- 30th term of the AP: 10, 7, 4, ..., is .....
- How many three-digit numbers are divisible by 7?
- Find the 20th term from the last term of the AP: 3, 8, 13, ..., 253.

6.

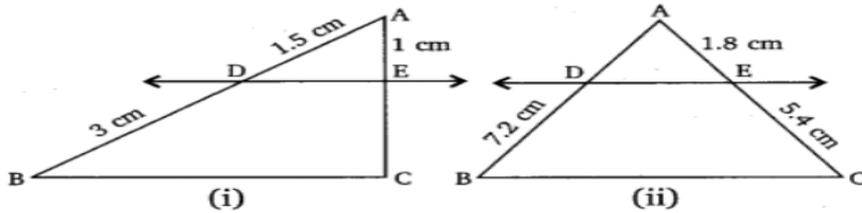
**Q.10. Answer the following Long Answer Type Questions**

1. Find the 20th term from the last term of the AP: 3, 8, 13, ..., 253. If the 3rd and the 9th term of an AP are 4 and -8 respectively, which term of this AP is zero?
2. Two APs have the same common difference. The difference between their 100<sup>th</sup> term is 100, what is the difference between their 1000<sup>th</sup> terms?
3. How many multiples of 4 lie between 10 and 250?
4. The sum of 4<sup>th</sup> and 8<sup>th</sup> terms of an A.P. is 24 and the sum of the 6<sup>th</sup> and 10<sup>th</sup> terms is 44. Find the first three terms of the A.P.
5. Ramkali saved Rs 5 in the first week of a year and then increased her weekly saving by Rs 1.75. If in the  $n^{\text{th}}$  week, her weekly savings become Rs 20.75, find  $n$ .



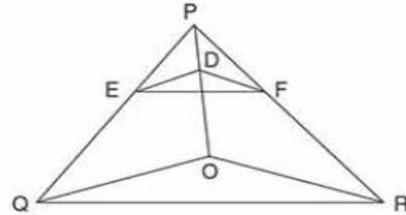


In the given figure (i) and (ii),  $DE \parallel BC$ . Find EC in (i) and AD in (ii).



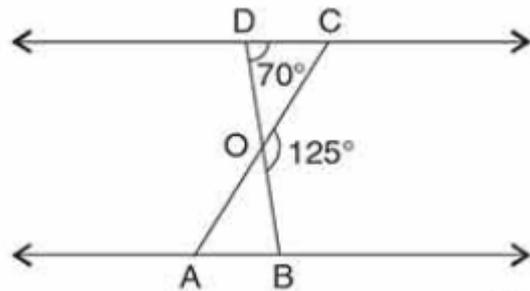
2)

In figure,  $DE \parallel OQ$  and  $DF \parallel OR$ .  
Show that  $EF \parallel QR$ .



3)

In figure,  $\triangle ODC \sim \triangle OBA$ ,  
 $\angle BOC = 125^\circ$  and  $\angle CDO = 70^\circ$ . Find  $\angle DOC$ ,  $\angle DCO$  and  $\angle OAB$ .

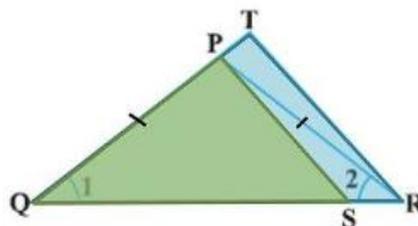


4)

Diagonals AC and BD of a trapezium ABCD with  $AB \parallel DC$  intersect each other at the point O. Using a similarity criterion for two triangles, show that  $\frac{OA}{OC} = \frac{OB}{OD}$ .

5)

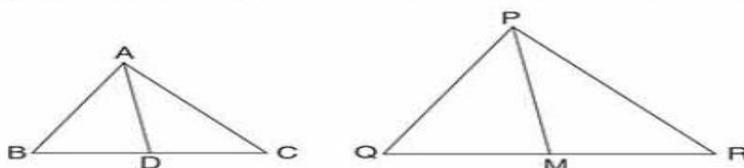
In figure,  $\frac{QR}{QS} = \frac{QT}{PR}$  and  $\angle 1 = \angle 2$ . Show that  $\triangle PQS \sim \triangle TQR$ .



**Q.10. Answer the following Long Answer Type Questions**

1)

Sides AB and BC and median AD of a triangle ABC are respectively proportional to sides PQ and QR and median PM of  $\triangle PQR$  (see figure). Show that  $\triangle ABC \sim \triangle PQR$ .



2)

*D is a point on the side BC of a triangle ABC such that  $\angle ADC = \angle BAC$ . Show that  $CA^2 = CB \cdot CD$ .*

3)

*Sides AB and AC and median AD of a triangle ABC are respectively proportional to sides PQ and PR and median PM of another triangle PQR. Show that  $\triangle ABC \sim \triangle PQR$ .*

4)

*A vertical pole of length 6 m casts a shadow 4 m long on the ground and at the same time a tower casts a shadow 28 m long. Find the height of the tower.*

5)

If AD and PM are medians of triangles ABC and PQR, respectively where  $\triangle ABC \sim \triangle PQR$ , prove that  $AB/PQ = AD/PM$ .

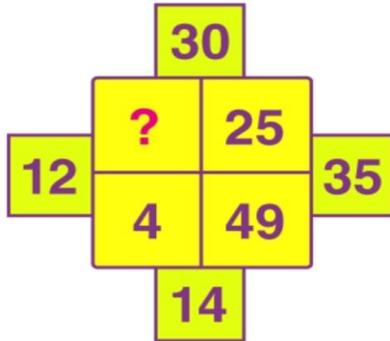


- (a) If both assertion and reason are true and reason is the correct explanation of assertion.
- (b) If both assertion and reason are true but reason is not the correct explanation of assertion.
- (c) If assertion is true but reason is false.
- (d) If assertion is false but reason is true.

- (i) **(Assertion)** Point  $P(0,2)$  is the point of intersection of  $y$  axis with the line  $3x + 2y = 4$   
**(Reason)** The distance of the point  $P(0,2)$  from  $x$ -axis is to unit
- (ii) **(Assertion)** If the points  $A(4,3)$  and  $B(x,5)$  lie on a circle with centre  $O(2,3)$ , then the value of  $x$  is 2  
**(Reason)** Center of the circle is the midpoint of each chord of the circle

**Q.7. Solve the following Puzzle/Sudoku**

**Puzzle**



sudoku

	3	1			
4				3	5
		3		2	4
2		6	5	1	3
	2		3	5	
3		5			6

**Q.8. Solve the following Real Life descriptive 3 word problems: -**

- a) Show that the points  $(1, -1)$ ,  $(5,2)$  and  $(9,5)$  are collinear
- b) Prove that the points  $(-2,-1)$ ,  $(1,0)$ ,  $(4,3)$  and  $(1,2)$  are the vertices of parallelogram, is it a rectangle ?
- c) Find the coordinates of a point A, where AB is the diameter of a circle with centre is  $O(2,-3)$  and  $B(1,4)$

**Q.9. Answer the following Short Answer Type Question**

- 1. Find the coordinates of the point which divides the line segment joining the points  $(6,3)$  and  $(-4,5)$  in the ratio 3:2 internally
- 2. If the points  $A(6,1)$ ,  $B(8,2)$ ,  $C(9,4)$  and  $D(p,3)$  are the vertices of a parallelogram, taken in order, find the value of  $p$
- 3. Find the distance of a point  $P(x, y)$  from the origin
- 4. If  $A(x,6)$  is the midpoint of the line segment joining  $A(6, 5)$  and  $B(4, v)$ , find the value of  $v$

$$5. 2 \sin^2 30^\circ \tan 60^\circ - 3 \cos^2 60^\circ \sec^2 30^\circ$$

**Q.10. Answer the following Long Answer Type Questions**

1. Find the value of  $y$  for which distance between the points  $P(2,-3)$  and  $Q(10,y)$  is 10 units
2. Find the coordinates of the points which divide the line segment joining  $A(-2,2)$  and  $B(2,8)$  into 4 equal parts
3. If  $A$  and  $B$  are  $(-2,-2)$  and  $(2,-4)$  respectively find the coordinates of  $P$  such that  $AP = \frac{3}{7}AB$  and  $P$  lies on the line segment  $AB$
4. Find the relation between  $x$  and  $y$  such that the points  $(x, y)$  is equidistant from the point  $(3,6)$  and  $(-3,4)$
5. Find the length of the medians of a  $\Delta ABC$  whose vertices are  $A(7, -3)$ ,  $B(5,3)$  and  $C(3,-1)$

# Summer Holidays Homework Framework

SESSION: 2024-25

CLASS – 10<sup>th</sup> (Non-NTSE)

Subject: Science

Text Book: Srijan Publication

## 1. Syllabus Covered upto MAY END

### Chemistry

- Chapter-1: Chemical Reaction and Equation
- Chapter-2: Acid, Bases and Salts

### Biology

- Chapter-1 : Life Processes
- Chapter-3: How Do Organisms Reproduce?

### Physics

- Chapter-1: Light: Reflection and Refraction
- Chapter-2: The Human Eye and the Colourful World

## 2. List of all new concepts taught upto MAY END

### Chemistry

1. Rules for writing a Word, Symbolic and Balanced Chemical Equation
2. Different types of Chemical Reactions:- Combination, Decomposition, Displacement, Double Displacement, Redox, Neutralisation, Precipitation, Exothermic and Endothermic Reactions
3. Corrosion and Rancidity and its preventive measures in day to day life
4. Types of Acids on the basis of origin and chemical properties of Acids and Bases.
5. Acid and Base Indicators
6. Types of Salts :- Common salt, Washing Soda, Caustic Soda, Baking Soda, Baking powder, POP, Gypsum and Bleaching powder

### Biology

1. Different Modes of Nutrition-Autotrophic, Heterotrophic and Holozoic and nutrition in Human Beings and Human Digestive System
2. Human Respiratory System and Mechanism of Breathing and human Circulatory System/Double Circulation
3. Transport of Food and Water in Plants
4. Excretion in Humans

### Physics

1. Image Formation by Plane and Spherical Mirrors
2. Uses of Mirrors and Sign Conventions of Mirrors And Lenses
3. Image Formation by Spherical Lenses and uses of Spherical Lenses
4. Lens Formula and Linear Magnification
5. Structure of Human Eye and its function
6. Defects of Vision - Myopia, Hypermetropia, Presbyopia and their Corrections
7. Atmospheric Refraction- Sunset and Early Sunrise, Position of Stars and Sun
8. Scattering of Light and Tyndall Effect- Twinkling of Stars.

## 3. Summer Holiday Homework:

- **Reading Homework:**
  - **Section-A:** Pre-Reading Homework
- **Written Homework:**
  - **Section-B:** Chapter-wise Revision Assignments
  - **Section-C:** Creative Project/ Model
  - **Section-D:** Experiment based activity.
  - **Section-E:** Indian Scientists and their contribution.

## 4. Tools required for doing Homework:

- a. Srijan Text Book

- b. Notebook
- c. A-4 sheets
- d. Resources as per activity

**5. Instruction/Guidelines for Reading Homework:**

- **Section-A : Pre-Reading Homework**  
Do the Pre-Reading of Chapter No 3,4 Physics- from Srijan Text book.  
Chemistry- Ch-3,4 from Srijan Text book.  
Biology- Ch-2, 4 from Srijan Text book.
- Write all the difficult words and their meaning of above chapters in Science N.B.

**6. Instruction/Guidelines for Written Homework:**

- **Section-B** : Do the given Assignments in A-4 sheets.
- **Section-C** : Creative Project/ Models
  - Working model of Human respiratory system; Roll no 1 to 8
  - Working model of Human excretory system; Roll no 9 to 16
  - Working model of Smart city; Roll no 17 to 24
  - Working model of Human circulatory system; Roll no 25 to 31
  - Working model of human eye; Roll no 32 to 37
- **Section-D**-Experiment based activity.
  - One activity which can be performed at home with parental supervision.
- Name of the activity: Study of the comparative cleaning capacity of a sample of soap in soft and hard water.
- Material required: Tub or some container, distilled water, handpump water (Hard water), Soap solution, Detergent.
- Procedure: .....
- Observations: .....
- Conclusion: .....
- Precautions: .....
- **Section-E- Indian Scientists and their contribution (Any 1 Scientist).**  
Research on any one Indian scientist and prepare a project on A4 size sheets and a collage by using their pictures.
  - **Scientists for Research:**
    - **Scientist** Satyendra Nath Bose
    - **OR**
    - **Scientist** Venkatraman Ramakrishnan
  - **Point to be enquired:**
    - Birth
    - Education
    - Branch in which they worked
    - Achievements

**7. Marking scheme for Science homework: –**

- **Section-A :Pre-Reading HW**
  - Difficult words & their meanings in N.B. **4 marks**
- **Section-B : Chapter wise Revision Assignments** **4 marks**
- **Section-C : Project/Model** **4 marks**
- **Section-D : Experiment Based Activity** **4 marks**
- **Section-E : Research on Indian Scientist** **4 marks**

**Total marks of Science H.W. 20 marks**

**8. Important Note:**

- All students must submit their vacation Homework of All Subjects for Assessment by teacher on 1st July 2024 by all means. Five marks will be deducted for per day of delay after 1st July 2024.



**R.E.D. Group of Schools**  
**Chapter-wise Revision Assignment-1**

**Class: 10th**  
**Ch. No.: 1**

**Subject: Science- Physics**  
**Ch. Name: Light- Reflection and Refraction**

**For recapitulation & solving the assignment the students should refer to their Srijan text book of Science**

**Part-1 – for Vocabulary skills**

**Q.1. Define the following Key Terms:**

- |                    |                          |                           |                 |
|--------------------|--------------------------|---------------------------|-----------------|
| (i) Principal axis | (ii) Incident ray        | (iii) Refractive index    | (iv) Reflection |
| (v) Focus          | (vi) Center of curvature | (vii) Radius of curvature | (viii) Lens     |
| (ix) Refracted ray | (x) Optical center       |                           |                 |

**Part-2 – Reading skills**

**Q.2. Read the following Passage from the Chapter & answer the questions.**

**Passage**

The lenses forms different types of images when object placed at different locations. When a ray is incident parallel to the principal axis, then after refraction, it passes through the focus or appears to come from the focus. When a ray goes through the optical centre of the lens, it passes without any deviation. If the object is placed between focus and optical center of the convex lens, erect and magnified image is formed.

As the object is brought closer to the convex lens from infinity to focus, the image moves away from the convex lens from focus to infinity. Also the size of image goes on increasing and the image is always real and inverted. A concave lens always gives a virtual, erect and diminished image irrespective to the position of the object.

(i) **Answer the following Questions from the passage:-**

(A) **The location of image formed by a convex lens when the object is placed at infinity is-**

- (a) at focus      (b) at 2F      (c) at optical center      (d) between F and 2F

(B) **When the object is placed at the focus of concave lens, the image formed is-**

- (a) real and smaller      (b) virtual and inverted  
(c) virtual and smaller      (d) real and erect

(C) **The size of image formed by a convex lens when the object is placed at the focus of convex lens is-**

- (a) small      (b) point in size      (c) highly magnified      (d) same as that of object

**Part-3 – Application skills of Subject Tools & Concepts**

**Q.3. Draw the Diagram/ Flow chart/Puzzle for the following Concepts**

**Diagram:**

- a) Convex mirror when object at infinity  
b) Concave mirror when object at focus

**Flowchart:**

- a) Types of lens

**Puzzle:**

- a) Down
1. The spreading of light rays
  2. These types of images are not obtained on the screen
  3. These are rear view mirrors
- Across
4. Mirrors make image by this phenomenon
  5. The nature of image of the sun obtained on paper
  6. The band of seven colours of white light





R.E.D. Group of Schools  
Chapter-wise Revision Assignment-2

Class: 10th  
Ch. No.: 2

Subject: Science- Physics  
Ch. Name: The Human eye and the colourful world

For recapitulation & solving the assignment the students should refer to their Srijan text book of Science

**Part-1 – for Vocabulary skills**

**Q.1. Define the following Key Terms:**

- |                           |                    |                             |                    |
|---------------------------|--------------------|-----------------------------|--------------------|
| (i) Atmosphere Refraction | (ii) Far point     | (iii) Dispersion            | iv) Tyndall effect |
| (v) Iris                  | (vi) Near point.   | (vii) Power of accomodation |                    |
| (viii) Myopia             | (ix) Hypermetropia | (x) Pupil                   |                    |

**Part-2 – Reading skills**

**Q.2. Read the following Passage from the Chapter & answer the questions.**

**Passage**

Atmospheric refraction is the phenomenon of bending of light on passing through earth's atmosphere. As we move above the surface of earth, density of air goes on decreasing. Local conditions like temperature etc. also affect the optical density of earth's atmosphere. On account of atmospheric refraction, stars seen appear higher than they actually are; advanced sunrise ;delayed sunset; stars twinkle, planet do not.

(i) **Answer the following Questions from the passage:-**

- (A) Due to atmospheric refraction, apparent length of day:  
(a) Increases (b) Decreases (c) Remains the same (d) All of these
- (B). Apparent position of the star appears raised due to:  
(a) Atmospheric refraction (b) Scattering (c) Dispersion (d) None of these
- (C). In absence of atmosphere, the color of sky appears:  
(a) Blue (b) Black (c) Red (d) Yellow

**Part-3 – Application skills of Subject Tools & Concepts**

**Q.3. Draw the Diagram/ Flow chart/Puzzle for the following Concepts**

**Diagram:**

- a) Eye lens  
b) Splitting of white light

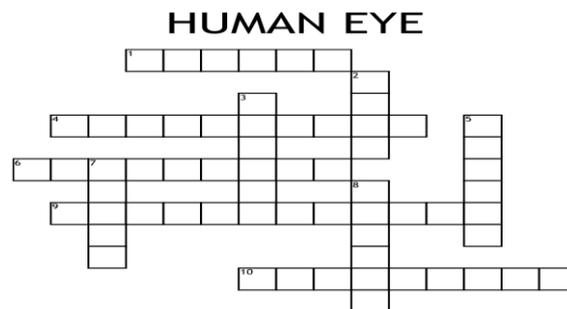
**Flowchart:**

- a) Working of human eye with the help of flowchart

**Puzzle:**

- a)

Name: \_\_\_\_\_ Date: \_\_\_\_\_



**Across**

1. covers all the eyeball except the cornea  
4. Corrected by glasses with converging lenses  
6. Problem seeing close objects  
9. the back of the eyeball nerve is called  
10. On retina where optic nerve leads back into the brain

**Down**

2. colored part of they eye  
3. Problem seeing objects far away  
5. clear lens in front of the eye  
7. the black hole in the iris  
8. converts light to electrical signals

**Q.4. Solve the following Assertion-Reason/Statement based question**





**R.E.D. Group of Schools**  
**Chapter-wise Revision Assignment-3**

**Class: 10th**

**Subject: Science-Chemistry**

**Ch. No.: 1**

**Ch. Name: Chemical Reactions and Equations world**

**For recapitulation & solving the assignment the students should refer to their Srijan text book of Science**

**Part-1 – for Vocabulary skills**

**Q.1. Define the following Key Terms:**

- |                                   |                                  |                       |
|-----------------------------------|----------------------------------|-----------------------|
| i) Word Equation                  | ii) Double displacement reaction | iii) Redox reaction   |
| iv) Corrosion                     | (v) Rancidity                    |                       |
| (vi) Double displacement reaction |                                  | (vii) Oxidising agent |
| (viii) Reducing agent             | (ix) Oxidation                   | (x) Reduction         |

**Part-2 – Reading skills**

**Q.2. Read the following Passage from the Chapter & answer the questions.**

**Passage**

A chemical reaction is a representation of chemical change in terms of symbols and formulae of reactants and products. There are various types of chemical reactions like combination, decomposition, displacement, double displacement, oxidation and reduction reactions. Reactions in which heat is released along with the formation of products are called exothermic chemical reactions. All combustion reactions are exothermic reactions.

(i) **Answer the following Questions from the passage:-**

(A) **The chemical reaction in which a single substance breaks down into two or more simpler substances upon heating is known as:**

- |                                     |                                  |
|-------------------------------------|----------------------------------|
| (a) Thermal decomposition reaction  | (b) Photo decomposition reaction |
| (c) Electric decomposition reaction | (d) Both (a) and (c)             |

(B) **The massive force that pushes the rocket forward through space is generated due to the:**

- |                           |                                  |
|---------------------------|----------------------------------|
| (a) Combination reaction  | (b) Decomposition reaction       |
| (c) Displacement reaction | (d) Double displacement reaction |

(C) **A white salt on heating decomposes to give brown fumes and yellow residue is left behind. The yellow residue left is of:**

- |                  |                    |
|------------------|--------------------|
| (a) Lead Nitrate | (b) Nitrogen Oxide |
| (c) Lead Oxide   | (d) Oxygen Gas     |

**Part-3 – Application skills of Subject Tools & Concepts**

**Q.3. Draw the Diagram/ Flow chart/Puzzle for the following Concepts**

**Diagram:**

- a) Electrolysis of water
- b) Electroplating process

**Flowchart:**

- a) Types of chemical reaction.

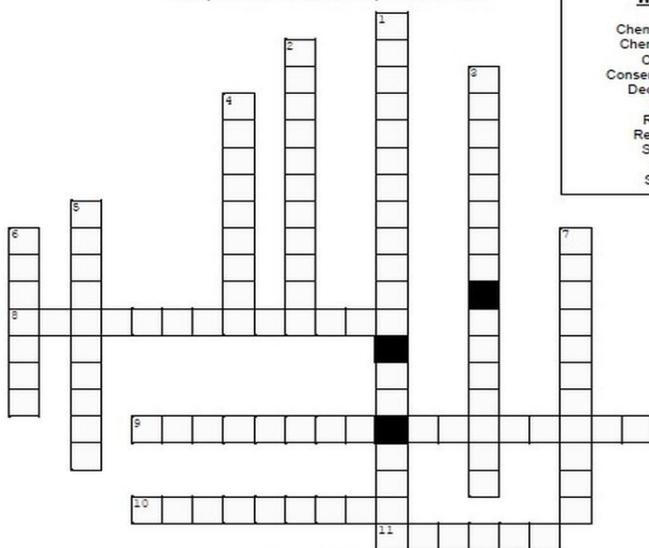
**Puzzle: a)**

Name \_\_\_\_\_

Period \_\_\_\_\_

# Chemical Reactions Crossword Puzzle

Complete the crossword puzzle below.



**Word Bank**

Chemical equation  
Chemical formula  
Coefficient  
Conservation of mass  
Decomposition  
Product  
Reactants  
Replacement  
Subscripts  
Symbol  
Synthesis

Created with The TeachersCorner.net Crossword Puzzle Generator

**Across**

8. Type of chemical reaction where a large, complex reactant compound breaks down into smaller, simpler products
9. A shorter way to show chemical reactions, using symbols instead of words
10. A type of chemical reaction where two or more smaller reactants combine to form a larger, more complex product
11. In chemistry is a one-letter or two-letter set of characters used to identify an element

**Down**

1. States that during a chemical reaction, the matter cannot be created or destroyed, so the amount does not change, conserving mass
2. A type of reaction where elements in different compounds trade places or when an element replaces another in a compound
3. A combination of symbols that represent the elements in a compound
4. Materials or substances that start a reaction (pl.)
5. Shows the number of a specific atom in a molecule or the ratio of elements in a compound (pl.)
6. Material or substance that is produced in a reaction
7. Is a number place in front of a chemical formula or symbol in a chemical equation

**Q.4. Solve the following Assertion-Reason/Statement based question**

- (a) Both A and R are true and R is the correct explanation of A.
- (b) Both A and R are true but R is not the correct explanation of A.
- (c) A is true but R is false.
- (d) A is false but R is true.

(i) **Assertion (A)** : Decomposition of vegetable matter into compost is an example of exothermic reactions.

**Reason (R)** : Exothermic reaction are those reactions in which heat is evolved.

- a) \_\_\_\_\_
- b) \_\_\_\_\_
- c) \_\_\_\_\_
- d) \_\_\_\_\_

(ii) **Assertion (A)** : Calcium carbonate when heated gives calcium oxide and water.

**Reason (R)** : On heating calcium carbonate, decomposition reaction takes place.

- a) \_\_\_\_\_
- b) \_\_\_\_\_
- c) \_\_\_\_\_
- d) \_\_\_\_\_

**Q.5. Perform the following Lab. Activity at home and share the video of your activity to the Science PS Group and answer the following questions related to the activity**

**Activity**

A student added a few pieces of zinc into dil.  $H_2SO_4$  taken in a test tube. Suddenly, evolution of gas occurs.

- (a) Write the chemical reaction when zinc reacts with  $H_2SO_4$ .
- (b) Which gas is evolved?

**Q.6. Answer the following Short Answer Type Questions**

- 1) Explain why respiration is an exothermic reaction?
- 2) What is the type of chemical reaction in rusting of iron. Give equation.
- 3) When silver chloride is exposed to sunlight, it turns grey. Write a balanced chemical equation for this photochemical reaction.
- 4) On placing a zinc plate in copper sulphate solution, it was observed that the zinc plate develop

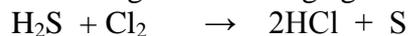
holes after few days. Give chemical equation to explain it.

5) Explain redox reaction?

**Q.7. Answer the following Long Answer Type Questions**

1) Give an example of a combination reaction which is exothermic.

2) Identify the oxidising and reducing agents in the following reaction:



3) Name the phenomenon due to which the taste and smell of the food changes when kept for a long interval of time in the open. Suggest one method to prevent it.

4) Give characteristic features to show that a chemical reaction has taken place.

5) State the characteristic features of the occurrence of the following chemical reactions:

i. Dilute sulphuric acid is added to sodium carbonate

ii. Dilute sulphuric acid is added to barium chloride solution

iii. Water is added to quicklime

- **Learning Homework:** Learn Q. Ans. of Ch- 1 from Srijan Text Book and NCERT Book/Notebook.



**R.E.D. Group of Schools**  
**Chapter-wise Revision Assignment-4**

**Class: 10th**  
**Ch.No.: 2**

**Subject: Science- Chemistry**  
**Ch. Name: Acids, Bases and Salts**

**For recapitulation & solving the assignment the students should refer to their Srijan text book of Science**

**Part-1 – for Vocabulary skills**

**Q.1. Define the following Key Terms:**

- |                          |                               |                        |
|--------------------------|-------------------------------|------------------------|
| (i) Universal indicators | (ii) Water of crystallisation | (iii) Hygroscopy       |
| iv) Efflorescence        | (v) Olfactory indicators      | (vi) Natural indicator |
| (vii) Baking soda        | (viii) Bleaching powder       |                        |
| (ix) Gypsum              | (x) Plaster of paris          |                        |

**Part-2 – Reading skills**

**Q.2. Read the following Passage from the Chapter & answer the questions.**

**Passage**

Salts of a strong acid and a strong base are neutral with pH value of 7. On the other hand, salts of a strong acid and weak base are acidic with pH value less than 7 and those of a strong base and weak acid are basic in nature, with pH value more than 7.

(i) **Answer the following Questions from the passage:-**

(A) **Which is the strongest base among the following?**

- |                              |                            |
|------------------------------|----------------------------|
| (a) $\text{Cu}(\text{OH})_2$ | (b) NaOH                   |
| (c) $\text{Ca}(\text{OH})_2$ | (d) $\text{NH}_4\text{OH}$ |

(B). **What is the pH range of our body?**

- |               |               |
|---------------|---------------|
| (a) 7.0 – 7.8 | (b) 7.2 – 8.0 |
| (c) 7.0 – 8.4 | (d) 7.2 – 8.4 |

(C) **Rain is called acid rain when its pH-**

- |                     |                   |
|---------------------|-------------------|
| (a) falls below 7   | (b) falls below 6 |
| (c) falls below 5.6 | (d) is above 7    |

**Part-3 – Application skills of Subject Tools & Concepts**

**Q.3. Draw the Diagram/ Flow chart/Puzzle for the following Concepts**

**Diagram:**

- Preparation of hydrogen chloride gas in laboratory.
- pH scale

**Flowchart:**

- Acids and types of acids

**Puzzle: a)**



**Q.7. Answer the following Long Answer Type Questions**

- 1) What is chlor-alkali process? Write the chemical reactions taking place. Name the gases given off at the anode and the cathode respectively. Write one use of each of the products formed in this process.
- 2) If crystals of copper sulphate are heated in a test tube for some time then what is colour of copper sulphate crystals before and after heating? Why it changed the colour on heating?
- 3) State reasons for following :
  - a) Tap water conducts electricity, whereas distilled water does not.
  - b) Dry hydrogen chloride gas does not turn blue litmus red, whereas hydrochloric acid does.
  - c) For dilution of an acid, the acid is added to water and not water into acid.
- 4) 2 ml of sodium hydroxide solution is added to a few pieces of granulated zinc metal taken in a test tube. When the content are warmed, a gas evolves which is bubbled through a soap solution before testing. Write the equation of the chemical reaction involved and the test to detect the gas. Name the gas which will be evolved when the same metal reacts with dilute solution of a strong acid.
- 5) How the following substances will dissociate to produce ions in their solutions?
  - (i) Hydrochloric acid
  - (ii) Nitric acid
  - (iii) Sulphuric acid
  - (iv) Sodium hydroxide
  - (v) Potassium hydroxide
  - (vi) Magnesium hydroxide

- **Learning Homework:** Learn Q. Ans. of Ch- 2 from Srijan Text Book and NCERT Book/Notebook.



R.E.D. Group of Schools  
Chapter-wise Revision Assignment-5

Class: 10th  
Ch.No.: 2,3

Subject: Science- Biology

Ch. Name: Life process , How do organisms reproduce?

For recapitulation & solving the assignment the students should refer to their Srijan text book of Science

Part-1 – for Vocabulary skills

Q.1. Define the following Key Terms:

- |                   |                        |                |                   |
|-------------------|------------------------|----------------|-------------------|
| (i) Budding       | (ii) Sporulation       | (iii) Puberty  | (iv) Fission      |
| (v) Monocytes     | (vi) Neutrophils       | (vii) Basophil | (viii) Macrophage |
| (ix) Thrombocytes | (x) Holozoic Nutrition |                |                   |

Part-2 – Reading skills

Q.2. Read the following Passage from the Chapter & answer the questions.

Passage

All living cells need nutrients, O<sub>2</sub>, and other essential substances. Also, the waste and harmful substances need to be removed continuously for healthy functioning of cells. So, a well developed transport system is mandatory for living organisms. Complex organisms have special fluids within their bodies to transport such materials. Blood is the most commonly used body fluid by most of the higher organisms. Lymph also helps in the transport of certain substances.

(i) Answer the following Questions from the passage:-

(A) Which of the following does not exhibit phagocytic activity?

- (a) Monocytes      (b) Neutrophils      (c) Basophil      (d) Macrophage

(B). Amount of blood corpuscles in changed in dengue fever. One of the common symptoms observed in people infected with dengue fever is

- (a) significant decrease in RBC count      (b) significant decrease in WBC count  
(c) significant decrease in platelets count      (d) significant increase in platelets count

(C). Why are WBCs called soldiers of the body?

- (a) They are capable of squeezing out of blood capillaries.  
(b) They are manufactured in bone marrow.  
(c) They fight against disease causing germs.  
(d) They have granular cytoplasm with lobed nucleus.

Part-3 – Application skills of Subject Tools & Concepts

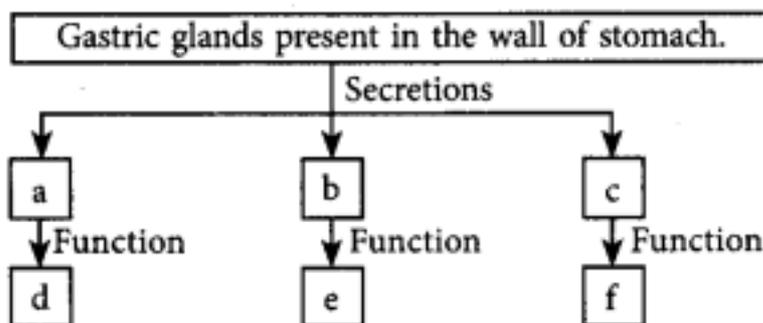
Q.3. Draw the Diagram/ Flow chart/Puzzle for the following Concepts

Diagram:

- a) Human heart  
b) Respiration process

Flowchart:

a)



Puzzle:

a)



# Summer Holidays Homework

SESSION: 2024-25

CLASS – 10<sup>th</sup>-Non- NTSE

Subject: Social Science

Text Book: NCERT

## 1. Syllabus Covered up to MAY END

### (Civics)

- Chapter-1 Power Sharing
- Chapter- 2 Federalism
- Chapter - 6 Political Parties

### (Economics)

- Chapter- 1 Development
- Chapter-2 Sectors of Indian Economy
- Chapter-3 Money and Credit
- Chapter-4 Globalization and the Indian Economy

### (History)

- Chapter-1 The Rise of Nationalism in Europe

### (Geography)

- Chapter-1 Resources and Development
- Chapter-4 Agriculture

## 2. List of all new concepts taught up to MAY END

- Different forms of Power sharing in India.
- Federalism and its practices in India.
- Political Parties of India.
- Criterion used by countries for calculating Average Income and comparison.
- Different sectors of Indian Economy.
- Different forms of money, terms of credit and sources of credit.
- The process of globalization and its effect.
- The process of Nationalism in different countries of Europe.
- Classification of resources and land as a resource.
- Different types of farming and geographical conditions of different crops

## 3. Summer Holiday Homework:

- **Reading Homework:**
  - **Section – A:** Pre-Reading of Next Two Chapters
- **Written Homework:**
  - **Section – B:**Chapter-wise Revision Assignments
  - **Section – C:** Current Affairs Project
  - **Section – D:**Creative Project/ Working Model
  - **Section – E:**Chart Work

## 4. Tools required for doing Homework:

- Text Book – Notebook – A<sub>4</sub>Sheets – Resources as per activity

## 5. Instruction/Guidelines for Reading Homework:

- **Section – A: Pre-Reading Homework**
  - Do the Pre-Reading of Chapter No. 6 (Civics) Political Parties and Chapter No. 7 (Civics) Outcomes of democracy.
  - Write all the difficult words & their meanings of above chapters in Social Science N.B.

## **6. Instruction/Guidelines for Written Homework**

- **Section – B:** Do the given Assignments in A-4 sheets.
- **Section – C:Current Affairs Project:**
  - Collecting current news of five National, five International and five Sports of Month of June.
- **Section – D: Creative Project/ Models**
  - Topic: Roll no 1 to 8 (Soil profile model)
  - Topic: Roll no 9 to 16 (Food crops and non- food crops)
  - Topic: Roll no 17 to 24 (Types of resources)
  - Topic: Roll no 25 to 31 (Types of agriculture)
- **Section – E: Chart Work**
  - Topic: Roll no 1 to 8 (Land use pattern in India)
  - Topic: Roll no 9 to 16 (Ethnic composition of Belgium and Sri Lanka)
  - Topic: Roll no 17 to 24 (Sectors of Indian economy)
  - Topic: Roll no 25 to 31 (Unification of Germany, Italy and Britain)

## **7. Marking scheme for Social Science homework: –**

- **Section-A : Pre-Reading HW**
  - Difficult words & their meanings in N.B. **4 marks**
- **Section-B : Chapter wise Revision Assignments** **4 marks**
- **Section-C : Project on Current Affairs** **4 marks**
- **Section-D : Creative Project/Working Model** **4 marks**
- **Section-E : Chart** **4 marks**

**Total marks of Social Science H.W. 20 marks**

## **8. Important Note:**

- **All students must submit their vacation Homework of All Subjects for Assessment by teacher on 1st July 2024 by all means. Five marks will be deducted for per day of delay after 1st July 2024.**



# R.E.D. Group of Schools

## Chapter-wise Revision Assignment-1

Class: 10th  
Ch. No.: 1(History)

Subject: Social Science  
Ch. Name: The Rise of Nationalism in Europe

### Part-1 – for Vocabulary skills

**Q.1. Define the following Key Terms:**

- |                   |                     |                   |
|-------------------|---------------------|-------------------|
| (i) Vernacular    | (ii) Feminist       | (iii) Romanticism |
| (iv) Junkers      | (v) Ethnic          | (vi) Germania     |
| (vii) Imperialism | (viii) Conservative | (ix) Young Italy  |
| (x) Liberalism    |                     |                   |

### Part-2 – Reading skills

**Q.2. Read the following Passage from the Chapter & answer the questions.**

#### Passage

Socially and politically, a landed aristocracy was the dominant class on the continent. The members of this class were united by a common way of life that cut across regional divisions. They owned estates in the countryside and also town-houses. They spoke French for purposes of diplomacy and in high society. Their families were often connected by ties of marriage. This powerful aristocracy was, however, numerically a small group. The majority of the population was made up of the peasantry. To the west, the bulk of the land was farmed by tenants and small owners, while in Eastern and Central Europe the pattern of landholding was characterized by vast estates which were cultivated by serfs.

**Answer the following Questions from the passage: -**

- (A) Which was the dominant class on the continent of Europe?
- (B) What did the majority of population comprise of?
- (C) Which class social and political life describes in this passage?

### Part-3 – Application skills of Subject Tools & Concepts

**Q.3. Solve the following questions based on Maps or Diagram or Graphs given below**

**Maps: Locate the following on the world map**

- a) Countries involved in 1<sup>st</sup> world war
- b) Countries involved in 2<sup>nd</sup> world war



**Q.4. Solve the following Assertion-Reason/Statement based question**

- (i) What was the year of Treaty of Constantinople?  
a) 1829                      b) 1830                      c) 1831                      d) 1832
- (ii) Each power – Russia, Germany, England, Austro-Hungary – was keen on countering the hold of other powers over the Balkans, this became one of the major reasons for \_\_\_\_\_.  
a) First World War                      b) Second World War  
c) Fall of the Ottoman Empire                      d) Integration of the Balkan States

**Q.5. Analyze the given picture & describe it in your own words**

**Picture :-**



**Q.6. Answer the following Short Answer Type Questions**

1. What was the year of treaty of Vienna?
2. Who was the emperor of unified Italy?
3. What was the role of Zollverein?
4. What do you mean by New Conservatism?
5. Who was Garibaldi?

**Q.7. Answer the following Long Answer Type Questions**

1. Explain any three ways in which nationalist feelings were kept alive in Poland in the 18th and 19th centuries.
2. Describe the events of French Revolution which had influenced the people belonging to other parts of Europe.
3. What was the main aim of revolutionaries of Europe during the years following 1815?
4. How was the history of nationalism in Britain unlike the rest of Europe?
5. What are the factors led top rise of nationalism in Europe after 1830s?

**Part-4 – Learning Homework**

- **Learning Homework:** Learn Q. Ans. of Ch-1 Text Book/Notebook.



# R.E.D. Group of Schools

## Chapter-wise Revision Assignment-2

Class:10th  
Ch. No.: 1,2 (Civics)

Subject: Social Science  
Ch. Name: Power Sharing, Federalism

### Part-1 – for Vocabulary skills

**Q.1. Define the following Key Terms:**

- |                     |                          |                 |                   |
|---------------------|--------------------------|-----------------|-------------------|
| (i) Minority        | (ii) Majority            | (iii) Native    | (iv) Community    |
| (v) Pressure Groups | (vi) Civil War           | (vii) Democracy | (viii) Prudential |
| (ix) Power sharing  | (x) Community Government |                 |                   |

### Part-2 – Reading skills

**Q.2. Read the following Passage from the Chapter & answer the questions.**

#### Passage

Power is shared among different organs of government, such as the legislature, executive and judiciary. Let us call this horizontal distribution of power because it allows different organs of government placed at the same level to exercise different powers. Such a separation ensures that none of the organs can exercise unlimited power. Each organ checks the others. This results in a balance of power among various institutions. We studied that in a democracy, even though ministers and government officials exercise power, they are responsible to the Parliament or State Assemblies. Similarly, although judges are appointed by the executive, they can check the functioning of executive or laws made by the legislatures. This arrangement is called a system of checks and balances.

**Answer the following Questions from the passage: -**

- (A) What is power sharing?
- (B) What is horizontal distribution of power?
- (C) What is the system of checks and balances?

### Part-3 – Application skills of Subject Tools & Concepts

**Q.3. Solve the following questions based on Maps or Diagram or Graphs given below**

**Maps: Locate the following on the Sri Lanka map.**

- a) Mark and label the following ethnic Communities of Sri Lanka on outline Map of Sri Lanka: - Sinhalese, Sri Lankan Tamil, Indian Tamil, Muslim.
- b) Mark and label the following ethnic Communities of World on outline Map of Belgium:- Walloon (French Speaking), Flemish (Dutch Speaking), German Speaking.







# R.E.D. Group of Schools

## Chapter-wise Revision Assignment-3

Class:10<sup>th</sup>  
Ch. No.: 1,4 (Geo)

Subject: Social Science  
Ch. Name: Resources and development, Agriculture

### Part-1 – for Vocabulary skills

**Q.1. Define the following Key Terms:**

- |                          |                                   |                               |
|--------------------------|-----------------------------------|-------------------------------|
| (i) Potential resources  | (ii) Soil degradation             | (iii) International resources |
| (iv) Renewable resources | (v) Land degradation              | (vi) Agriculture.             |
| (vii) Commercial Farming | (viii) Green Revolution           |                               |
| (ix) Horticulture.       | (x) Intensive Subsistence Farming |                               |

### Part-2 – Reading skills

**Q.2. Read the following Passage from the Chapter & answer the questions.**

#### Passage

Some human activities such as deforestation, over grazing, mining and quarrying too have contributed significantly in land degradation. Mining sites are abandoned after excavation work is complete leaving deep scars and traces of over-burdening. In states like Jharkhand, Chhattisgarh, Madhya Pradesh and Orissa deforestation due to mining have caused severe land degradation. In states like Gujarat, Rajasthan, Madhya Pradesh and Maharashtra overgrazing is one of the main reasons for land degradation. In the states of Punjab, Haryana, western Uttar Pradesh, over irrigation is responsible for land degradation due to water logging leading to increase in salinity and alkalinity in the soil. The mineral processing like grinding of limestone for cement industry and calcite and soapstone for ceramic industry generate huge quantity of dust in the atmosphere. It retards the process of infiltration of water into the soil after it settles down on the land. In recent years, industrial effluents as waste have become a major source of land and water pollution in many parts of the country.

#### Answer the following Questions from the passage: -

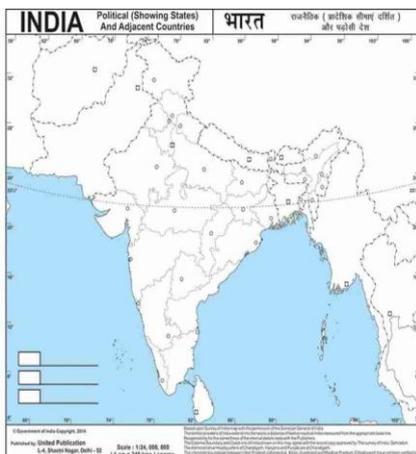
- (A) What is land degradation?  
(B) In which states overgrazing is the main cause for soil degradation?  
(C) In recent years which become a major source of land and water pollution?

### Part-3 – Application skills of Subject Tools & Concepts

**Q.3. Solve the following questions based on Maps or Diagram or Graphs given below**

**Maps: Locate the following on the Sri Lanka map.**

- a) Mark and label the following types of soils on the outline map of India: -  
Alluvial, Black and Red and Yellow Soil, Laterite, Arid and Forest Soil.  
b) Mark and label the following crops on the outline map of India: -  
Rice, wheat, sugarcane, rubber, pulses, cotton, millets, tea, and coffee.



**Q.4.** Solve the following Assertion-Reason/Statement based question.

(i) **Arid soils are less fertile as \_\_\_\_\_.**

- i) It lacks humus and moisture                      ii) It has high salt content  
iii) It is sandy in nature                              iv) It is rich in Iron

- 1) (i), (ii) and (iii)                      2) (ii) and (iii)                      3) (iii)and(iv)                      4) (i) and(iii)

(ii) **Which of the following is not true with reference to the climatic condition required for cultivation of rice?**

- a) It requires high temperature i.e., above 25°C.                      b) It requires high humidity.  
c) It requires annual rainfall above 100cm.                      d) It requires 210 frost free day's

**Q.5. Analyze the given picture & describe it in your own words**

**Picture :-**



**Q.6. Answer the following Short Answer Type Questions**

1. What is the importance of resources
2. Classify resource on the basis of Origin and ownership
3. How are natural resources important for man? Give three points
4. Explain three stages of 'resource planning.'
5. What do you understand by international resources?

**Q.7. Answer the following Long Answer Type Questions**

1. State differences between Subsistence and commercial farming practices.
2. What is soil erosion? Mention the reasons for the same and its types with measures.
3. Explain the land use pattern and mention how the resource planning is made possible
4. Differentiate food crops and non-food crops
5. Explain the different cropping seasons.

#### **Part-4 – Learning Homework**

- **Learning Homework:** Learn Q. Ans. of Ch-1 & 4 From Text Book/Notebook.



# R.E.D. Group of Schools

## Chapter-wise Revision Assignment-4

Class:10th

Subject: Social Science

Ch.No.: Eco- 1 ,2

Ch. Name: Development, Sector of Indian economy

### Part-1 – for Vocabulary skills

**Q.1. Define the following Key Terms:**

- |                          |                    |                         |
|--------------------------|--------------------|-------------------------|
| (i) Manufacturing        | (ii) Potential     | (iii) Unemployment      |
| (iv) Final Goods         | (v) Interdependent | (vi) Intermediate Goods |
| (vii) Unorganised Sector | (viii) Gratuity    | (ix) Privatisation      |
| (x) Vulnerable           |                    |                         |

### Part-2 – Reading skills

**Q.2. Read the following Passage from the Chapter & answer the questions.**

#### Passage

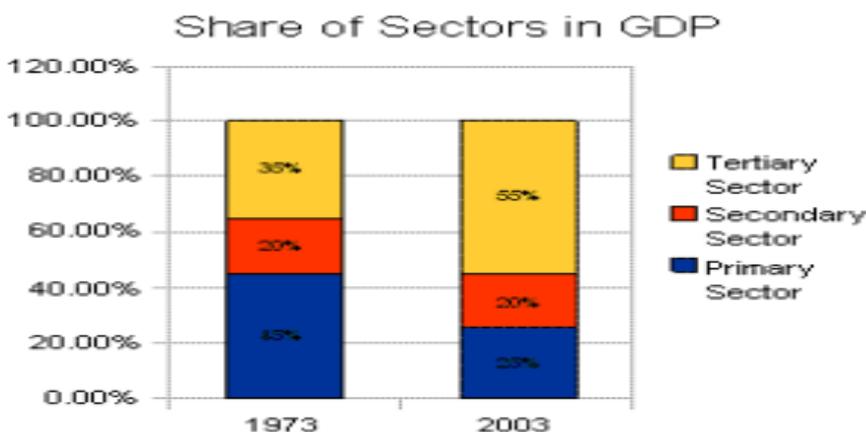
Before India gained independence, there were only a few Public Sector Enterprises in the country, such as the Railways, the Posts and Telegraphs, the Port Trusts, the Ordnance Factories, All India Radio, and a few others that were departmentally managed, such as the Government Salt Factories and Quinine Factories. After gaining independence, India adopted planned economic development policies in a democratic, federal polity. The country faced challenges such as income inequalities, low levels of employment, regional imbalances in economic development, and a lack of trained manpower. India was predominantly an agrarian economy with a weak industrial base, low levels of savings, inadequate investments, and infrastructure facilities. In light of this socio-economic situation, India's visionary leaders drew up a roadmap for the development of the Public Sector as an instrument for self-reliant economic growth. This guiding factor led to the passage of the Industrial Policy Resolution of 1948, followed by the Industrial Policy Resolution of 1956. The 1948 Resolution envisioned the development of core sectors through public enterprises. The Public Sector was expected to correct regional imbalances and create employment. The Industrial Policy Resolution of 1948 emphasized the expansion of production, both agricultural and industrial, particularly the production of capital equipment and goods that satisfied the basic needs of the people, and commodities whose export would increase foreign exchange earnings.

#### Answer the following Questions from the passage: -

- (A) What is the importance of public sector?  
(B) Give examples of public and private sector company?  
(C) Which challenges faced by country ?

### Part-3 – Application skills of Subject Tools & Concepts

**Q.3. Solve the following questions based on Maps or Diagram or Graphs given below**



Explain the following graph:

**Q.4. Solve the following Assertion-Reason/Statement based question**

Directions: Mark the option which is most suitable :

- (a) Both A and R are true and R is the correct explanation of A.
- (b) Both A and R are true but R is not the correct explanation of A.
- (c) A is true but R is false.
- (d) A is false but R is true.

4.1. Assertion (A): **Not every good or service that is produced and sold needs to be counted to know the total production in each sector.**

Reason (R): **The value of final goods already includes the value of all the intermediate goods.**

4.2. Assertion (A) : The secondary sector is also called the industrial sector.

Reason (R) : Secondary sector supplies raw materials to the industries

**Q.5. Analyze the given picture & describe it in your own words**

**Picture :-**



**Q.6. Answer the following Short Answer Type Questions**

1. Why is the total income of countries not used to make comparisons between them?
2. Why is sustainable development essential? Give one reason?
3. What is per capita income? Mention any two limitations of per capita income as an indicator of development. ?
4. Service sector in India employs two different kinds of people. Who are these?
5. How are the activities in the economy classified on the basis of employment conditions?

**Q.7. Answer the following Long Answer Type Questions**

1. What does HDI stand for? Explain the main criteria of measuring HDI according to UNDP Report of 1990?
2. Explain with reasons why state of Punjab with a very high per capita income has a low literacy rate.
3. Why do people look at a mix of goals for development? Explain
4. What do you understand by disguised unemployment? Explain with an example each from the urban and rural areas.
5. The problem of underemployment is not confined only to agriculture". Support the statement with examples.

#### **Part-4 – Learning Homework**

- **Learning Homework:** Learn Q. Ans. of Ch-1& 2From Text Book/Notebook.



# R.E.D. Group of Schools

## Chapter-wise Revision Assignment-5

Class:10th  
Ch.No.: Eco-3,4

Subject: Social Science  
Ch. Name: Money and Credit  
Globalisation and the Indian Economy (Eco)

### Part-1 – for Vocabulary skills

**Q.1. Define the following Key Terms:**

- |                      |                      |                                  |
|----------------------|----------------------|----------------------------------|
| (i) Demand Deposits  | (ii) Barter System   | (iii) Collateral                 |
| (iv) Lender          | (v) Trade Barriers   | (vi) Intellectual Property right |
| (vii) Liberalisation | (viii) Globalisation | (ix) Privatisation               |
| (x) Money            |                      |                                  |

### Part-2 – Reading skills

**Q.2. Read the following Passage from the Chapter & answer the questions.**

#### Passage

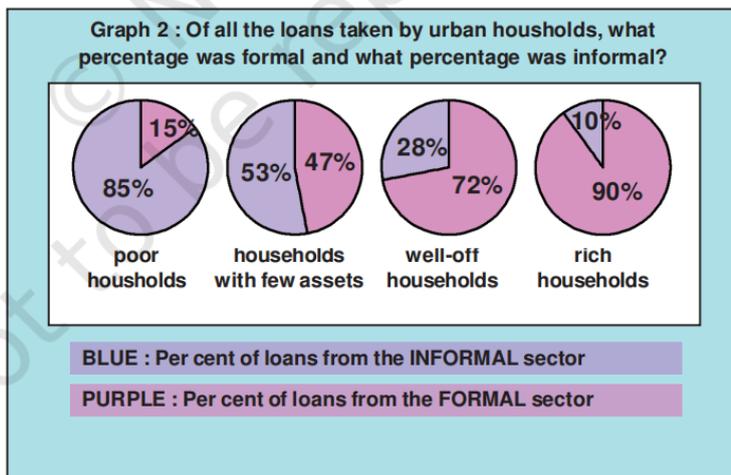
For a long time, foreign trade has been the main channel connecting countries. In history, you would have read about the trade routes connecting India and South Asia to markets both in the East and West and the extensive trade that took place along these routes. Also, you would remember that it was trading interests which attracted various trading companies such as the East India Company to India. What then is the basic function of foreign trade? To put it simply, foreign trade creates an opportunity for the producers to reach beyond the domestic markets, i.e., markets of their own countries. Producers can sell their produce not only in markets located within the country, but can also compete in markets located in other countries of the world. Similarly, for the buyers, import of goods produced in another country is one way of expanding the choice of goods beyond what is domestically produced

#### Answer the following Questions from the passage: -

- (A) Why had the foreign trade been the main channel connecting countries?  
(B) What are the basic functions of foreign trade? Explain any two.  
(C) Which country connecting the trade routes connecting ?

### Part-3 – Application skills of Subject Tools & Concepts

**Q.3. Solve the following questions based on Maps or Diagram or Graphs given below**



Explain the following graph:

**Q.4. Solve the following Assertion-Reason/Statement based question**

- (i) **Directions:** Mark the option which is most suitable :
- (a) Both A and R are true and R is the correct explanation of A.  
(b) Both A and R are true but R is not the correct explanation of A.  
(c) A is true but R is false.  
(d) A is false but R is true.

**4.1. Assertion (A):** Modern currency is used as a medium of exchange, however, it does not have a use of its own.

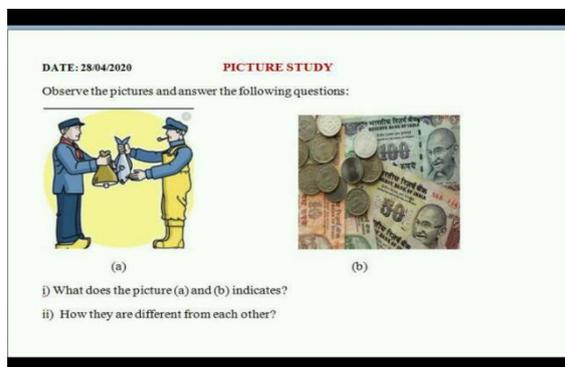
**Reason (R):** Modern currency is easy to carry.

**4.2. Assertion (A):** Collateral is an asset that the borrower owns and use this as a guarantee to a lender until the loan is repaid.

**Reason (R):** Collateral is given as the lender can sell the collateral to recover the loan amount if the borrower fails to repay the loan.

**Q.5. Analyze the given picture & describe it in your own words**

**Picture :-**



**Q.6. Answer the following Short Answer Type Questions**

1. Define Double Coincidence of wants?
2. What is the meaning of 'investment'?
3. What are Multi-National Corporations (MNCs)
4. Define liberalisation and Special Economic Zone?
5. How do the deposits with banks become their source of income?

**Q.7. Answer the following Long Answer Type Questions**

1. Why is the money transactions system better than barter system? Explain with example ?
2. What do you understand by globalisation? Explain in your own words.
3. What is money? Why is modern money currency accepted as a medium of exchange?
4. Explain the role of government to make globalization fair.?
5. The impact of globalisation has not been uniform.” Explain this statement “How is money used in everyday life?” Explain with examples

#### **Part-4 – Learning Homework**

- **Learning Homework:** Learn Q. Ans. of Ch-3 & 4 From Text Book/Notebook.

# Summer Holidays Homework

SESSION: 2024-25

CLASS –10<sup>th</sup>

Subject: Computer Application

Text Book: Sumita Arora

## 1. Syllabus Covered upto MAY END

- Chapter-3 HTML-1 : Basic HTML Elements
- Chapter-4 HTML-II : Images, Links and Tables
- Chapter-5 HTML-III : Audio , Video & Forms

## 2. List of all new concepts taught upto MAY END

- HTML document structure
- Basic HTML terminology
- Types of Tags
- Different attributes of the <BODY> and <HTML> tags
- Different formatting tags and their attributes
- Logical and Physical Text styles
- Types of Lists-ordered ,unordered and definition list
- Inserting images
- Types of linking
- HTML tables
- Inserting audio and video
- HTML forms

## 3. Summer Holiday Homework:

- **Reading Homework:**
  - **Section - A:** Pre-Reading of Next Two Chapters
- **Written Homework:**
  - **Section – B:** Chapter-wise Revision Assignments
  - **Section – C:** Creative Project/ Model

## 4. Tools required for doing Homework:

- Text Book
- Notebook
- A<sub>4</sub>Sheets
- Resources as per project

## 5. Instruction/Guidelines for Reading Homework:

- **Section–A : Pre-Reading Homework**
  - Do the Pre-Reading of Chapter No.6 and 7.
  - Write all the difficult words & their meanings of above chapters in Computer Science N.B.

## 6. Instruction/Guidelines for Written Homework:

- **Section–B :** Do the given Assignments in A-4 sheets.
- **Section–C : Creative Project/ Models**
- Roll no 1 to 10

**Create the following webpage in HTML. Follow the instructions given below:**

## INDIAN ELEPHANTS

The **Indian elephant** is one of three recognized subspecies of the Asian elephant and native to mainland Asia. Since 1986, elephants has been listed as Endangered by IUCN as the population has declined by at least 50% over the last 60 to 75 years or three generations. Asian elephants are threatened by habitat loss, degradation and fragmentation.



**Threats To Elephants**

1	Illegal Hunting
2	Industrialization
3	Habit Loss
4	Fragmentation
5	Diseases

For further enquiries and reservations [Contact Us](#)

### Note the following points while generating the Webpage:

- ✓ Link colour is red, background colour is yellow and visited link colour is green
- ✓ Title of the page is “wild life in India”
- ✓ Heading of the page is maroon
- ✓ Image used is “elephant.png”
- ✓ Caption of table is blue.
- ✓ Table border is blue and of size 2
- ✓ The email id for contact us is abc@xyz.com
- Roll no 11 to 20

### Write the code to create the given table

Name	Class	English Marks	Maths Marks
Raghav	X	75	95
Ritvik	IX	85	92

### Consider the following points while generating the webpage:

1. The title of the page is “Holiday HW ”.
  2. Background color of the table is Yellow.
  3. The headings are in Purple color.
  4. Set the border color of the table as green.
- Roll no 21 to 30

### Write the code to create the given lists

1. chocolates
  - dairy milk
  - bournvile
  - munch
2. fruit
  - apple
  - orange
  - grapes

**vegetable**

carrot

Good for health

- Roll no 31 to 38

Write the HTML code to create the given Form

Name:

Sex:  Male  Female

Country:

Message:

Subscribe?

7. **Marking scheme for Computer Science homework: –**

- **Section-A : Pre-Reading HW**
  - Difficult words & their meanings in N.B. **6 marks**
- **Section-B : Chapter wise Revision Assignments** **7 marks**
- **Section-C : Creative Project/Working Model** **7 marks**

**Total marks of Computer Science H.W. 20 marks**

8. **Important Note:**

- All students must submit their vacation Homework of All Subjects for Assessment by teacher on 1st July 2024 by all means. Five marks will be deducted for per day of delay after 1st July 2024.



# R.E.D. Group of Schools

## Chapter-wise Revision Assignment-1

Class- 10<sup>th</sup>  
Ch. No. : 3

Subject: Computer Applications  
Ch. Name: HTML-I:Basic HTML Elements

### Part-1 – for Vocabulary skills

Q.1. Define the following Key Terms:

- |                  |                           |                          |
|------------------|---------------------------|--------------------------|
| (i) Empty tag    | (ii) Noshade              | (iii) Container tag      |
| (iv) Web Browser | (v) Attribute             | (vi) Comment             |
| (vii) Compact    | (viii) Logical text style | (ix) Physical text style |
| (x) Tag          |                           |                          |

### Part-2 – Reading skills

Q.2. Read the following Passage from the Chapter & answer the questions.

#### Passage

HTML has six levels of headings ,numbered 1 through 6, with 1 being the largest. Headings are typically displayed in bolder font than normal body text. The headings can be aligned using “align” attribute of the heading tag.

Answer the following Questions from the passage:-

- (A) What is HTML ?  
(B) Name the smallest and largest heading tag.  
(C) What is the default alignment of the heading tag.

### Part-3 – Application skills of Subject Tools & Concepts

Q.3. Draw the Diagram/Picture/ Flow chart /Puzzles for the following Concepts  
Puzzle:

Complete the crossword puzzle below

Created using the Crossword Maker on TheTeachersCorner.net

<b>Across</b>	<b>Down</b>
1. attribute of <OL> tag	2. provides additional information about tag
3. developed by Tim Berners Lee	4. attribute of <HTML> tag
5. attribute of <BODY> tag	
6. HTML command	

Q.4. Solve the following Assertion-Reason/Statement based question

- (i) **Assertion (A):** HTML elements are called tags  
**Reason(R):** HTML tags and attributes are the same.

- a) Both Assertion (A) and Reason (R) are true and Reason (R) is a correct explanation of Assertion (A).
- b) Both Assertion (A) and Reason (R) are true but Reason (R) is not a correct explanation of Assertion (A).
- c) Assertion (A) is true and Reason (R) is false.
- d) Assertion (A) is false and Reason (R) is true.

(ii) **Assertion (A):** <BR> is a container tag

**Reason(R):** HTML elements that have both starting and ending tags.

- a) Both Assertion (A) and Reason (R) are true and Reason (R) is a correct explanation of Assertion (A).
- b) Both Assertion (A) and Reason (R) are true but Reason (R) is not a correct explanation of Assertion (A).
- c) Assertion (A) is true and Reason (R) is false.
- d) Assertion (A) is false and Reason (R) is true.

**Q.5. Write the Shortcut Key of following terms/abbreviations:**

- (i) Save
- (ii) Save as

**Q.6. Answer the following Short Answer Type Questions**

What is wrong in the following code:

- a) <BODY color="Red">
- b) <BR></BR>
- c) <FONT name="Arial">
- d) Write the HTML code to create  $E=MC^2$
- e) What are the different attributes of <OL>tag?

**Q.7. Answer the following Long Answer Type Questions**

- (a) Differentiate between ordered list and unordered list.
- (b) How can we create a 2D or 3D horizontal rule be displayed?
- (c) Explain different property of <HR> tag.
- (d) Explain different properties of <BODY> tag.
- (e) What is the difference between <FONT> and <BASEFONT>?

#### **Part-4 – Learning Homework**

- **Learning Homework:** Learn Q. Ans. of Ch-3 From Text Book



# R.E.D. Group of Schools

## Chapter-wise Revision Assignment-2

Class- 10<sup>th</sup>  
Ch. No. : 4

Subject: Computer Applications  
Ch. Name: HTML-II: Images, Links & Tables

### Part-1 – for Vocabulary skills

Q.1. Define the following Key Terms:

- |             |                 |                |               |
|-------------|-----------------|----------------|---------------|
| a) Fragment | b) Predict      | c) Alternative | d) Convenient |
| e) Render   | f) Preformatted | g) Rowspan     | h) Replicate  |
| i) Precede  | j) Spanning     |                |               |

### Part-2 – Reading skills

Q.2. Read the following Passage from the Chapter & answer the questions.

#### Passage

Rohit, a student of Class X, wants to represent a table in webpage but he is unaware about the table tags.

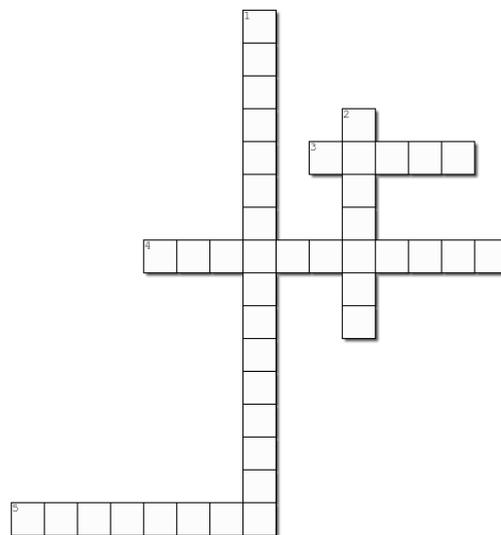
Answer the following Questions from the passage:-

- (A) What is table ?  
(B) What are different table tags?  
(C) What is a webpage?

### Part-3 – Application skills of Subject Tools & Concepts

Q.3. Draw the Diagram/Picture/ Flow chart /Puzzles for the following Concepts

**Puzzle:**



#### Across

3. Specifies which parts of the inside borders that should be visible  
4. It gives the amount of space between cells  
5. Combining two or more cells in a table on a web page

#### Down

1. It links the various section of the sam document  
2. Attribute of <Table> tag lets you dencc summary of table's data

Q.4. Solve the following Assertion-Reason/Statement based question

(i) Assertion (A) : <IMG> tag is used to insert an image on the webpage.

Reason ( R): The default alignment of an image is inline.

- a) Both Assertion (A) and Reason (R) are true and Reason (R) is a correct explanation of Assertion

(A).

b) Both Assertion (A) and Reason (R) are true but Reason (R) is not a correct explanation of Assertion (A).

c) Assertion (A) is true and Reason (R) is false.

d) Assertion (A) is false and Reason (R) is true.

(ii) **Assertion (A):** Internal and external are two types of linking.

**Reason(R) :** Internal links two different documents.

a) Both Assertion (A) and Reason (R) are true and Reason (R) is a correct explanation of Assertion (A).

b) Both Assertion (A) and Reason (R) are true but Reason (R) is not a correct explanation of Assertion (A).

c) Assertion (A) is true and Reason (R) is false.

d) Assertion (A) is false and Reason (R) is true.

**Q.5. Write the Shortcut Key of following terms/abbreviations:**

(i) Copy

(ii) Paste

**Q.6. Answer the following Short Answer Type Questions**

What is wrong in the following code:

a) `<Img src="try.html">`

b) `<A src="abc.html">`

c) `<Table bordercolor="red">`

d) What do you understand by the term inline image?

e) Who has developed HTML?

**Q.7. Answer the following Long Answer Type Questions**

(a) Differentiate between internal linking and external linking?

(b) What for is Mailto function used?

(c) Differentiate between `<THEAD>` and `<TD>`.

(d) Consider the following HTML statement:

`<body bgcolor="Blue" alink="red" vlink="Yellow">`

In the above statement, what do you mean by 'alink' and 'vlink'?

(e) What are the different attributes of `<IMG>` tag?

#### **Part-4 – Learning Homework**

- **Learning Homework:** Learn Q. Ans. of Ch-4 From Text Book



# R.E.D. Group of Schools

## Chapter-wise Revision Assignment-3

Class- 10<sup>th</sup>  
Ch. No.: 5

Subject: Computer Applications  
Ch. Name: HTML-III: Audio, Video and HTML Forms

### Part-1 – for Vocabulary skills

Q.1. Define the following Key Terms:

- |             |                    |             |
|-------------|--------------------|-------------|
| a) Plug-ins | b) Form submission | c) Get      |
| d) Action   | e) Method          | f) Asterisk |
| g) Back-end | h) Front-end       | i) EMBED    |
| j) Post     |                    |             |

### Part-2 – Reading skills

Q.2. Read the following Passage from the Chapter & answer the questions.

#### Passage

An HTML form is a section of a document containing normal content, markup, special elements called *controls* (checkboxes, radio buttons, menus, etc.), and labels on those controls. Users generally "complete" a form by modifying its controls (entering text, selecting menu items, etc.), before submitting the form to an agent for processing (e.g., to a Web server, to a mail server, etc.)

Answer the following Questions from the passage:-

- (A) Define controls.  
(B) Give example of a few controls.  
(C) Where the form is submitted for processing?

### Part-3 –Application skills of Subject Tools & Concepts

Q.3. Draw the Diagram/Picture/ Flow chart /Puzzles for the following Concepts

**"MY PAGE"**

**Registration Form**

Enter your Name:

Kindly Select your favorite sports

Cricket  
 Tennis  
 Football  
 Baseball  
 Badminton

Observe the above given webpage and answer the given questions:

- i. Write the names of the different form controls .  
ii. Specify the name of the tags used for creating shown controls

Q.4. Solve the following Assertion-Reason/Statement based question

(i) **Assertion(A):** <AUDIO> tag is used to insert a video clip on a webpage.

**Reason (R):** <AUDIO> uses SRC attribute to provide path of video clip.

- a) Both Assertion (A) and Reason (R) are true and Reason (R) is a correct explanation of Assertion (A).  
b) Both Assertion (A) and Reason (R) are true but Reason (R) is not a correct explanation of

Assertion (A).

c) Assertion (A) is true and Reason (R) is false.

d) Assertion (A) is false and Reason (R) is true.

(ii) Assertion(A): <FORM> tag is used to create HTML form.

Reason (R): <CONTROLS> tag is used to create different form controls.

a) Both Assertion (A) and Reason (R) are true and Reason (R) is a correct explanation of Assertion (A).

b) Both Assertion (A) and Reason (R) are true but Reason (R) is not a correct explanation of Assertion (A).

c) Assertion (A) is true and Reason (R) is false.

d) Assertion (A) is false and Reason (R) is true.

**Q.5. Write the Shortcut Key of following terms/abbreviations:**

(i) Print

(ii) Refreshing a webpage

**Q.6. Answer the following Short Answer Type Questions**

a) Which tag is used to create the checkboxes ?

b) What is the difference between textbox control and password box control?

c) Write the HTML code to embed an audio clip(prayer.mp3) that keeps playing automatically.

d) Name some popular audio and video formats.

e) What are hidden control?

**Q.7. Answer the following Long Answer Type Questions**

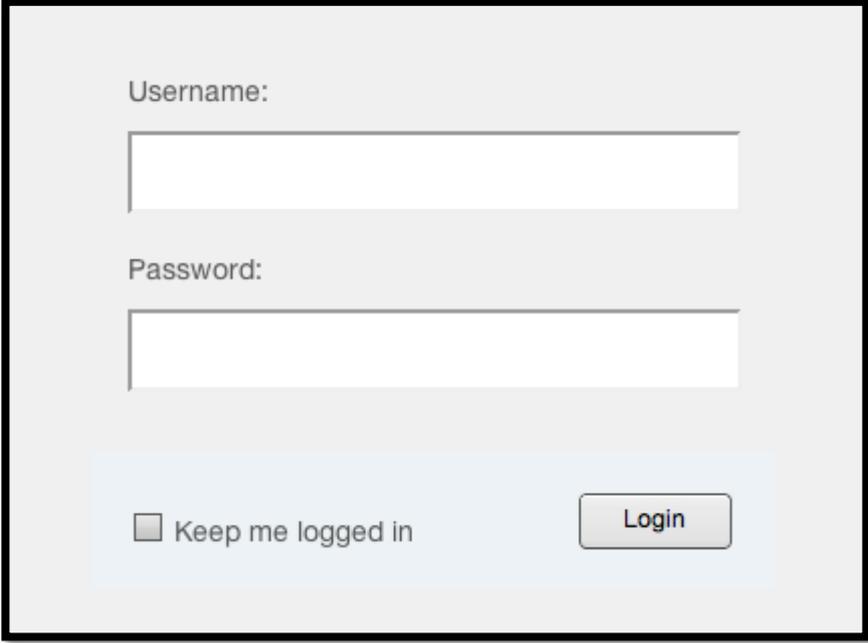
a) Explain different attributes of <INPUT> tag.

b) Explain different attributes of <VIDEO> tag.

c) What is the similarity between text box control and text area control?

d) Explain the different attributes of <FORM> tag?

e) Write the HTML code to create the given Login page



The image shows a login form with a light gray background. At the top, the text "Username:" is followed by a white rectangular input field. Below this, the text "Password:" is followed by another white rectangular input field. At the bottom left, there is a checkbox with the text "Keep me logged in" next to it. At the bottom right, there is a rounded rectangular button with the text "Login" inside it.

**Part-4 – Learning Homework**

- **Learning Homework:** Learn Q. Ans. of Ch-5 From Text Book