



R.E.D. Group of Schools

Summer Holidays Homework

SESSION: 2026-27

CLASS – 8th (Non-VVM)

Subject: English

Text Book: Roots and Wings & Vibrant Grammar

Part-I — Details of Tool Required, Syllabus covered & Categories of Homework

1. Tools required for doing Homework:

- Text Book – Notebook – Scrap Book – Resources as per activity

2. Syllabus Covered up to MAY END

Literature

- **Chapter No.-** 1,2,3; **Poem –** 1,2; **Chapter Name-** The Portrait of a Lady, Idgah, **Poem –** Somebody's Mother, The Man in the Train, **Poem -** Geography Lesson

Grammar

- **Chapter No.-** 1,2,3,4,5 **Chapter Name-** The Sentences, Nouns, Determiners, Adjectives, Pronouns

3. List of all new concepts taught up to MAY END (Grammar Topics)

- Chapter 1: The Sentences
- Chapter 2: Nouns
- Chapter 3: Determiners
- Chapter 4: Adjectives
- Chapter 5: Pronouns

4. Section-wise Holiday's 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

Part-II — Guidelines for Reading & Speaking Home work.

5. Section-A: Reading Homework

- Each student will read one fiction & one non-fiction book and write a book review by using the following steps:-
 - 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 would have you ended the story?”

- **Section-B: Speaking Homework**

- Students will practice on one of the given topics as an extempore activity :-
 - **Can Artificial Intelligence Replace Teachers?**
OR
 - **Are Smartphones Making Us Smarter or Lazy?**
OR
 - **The Future of Space Travel: Will Humans Live on Mars?**

Students will prepare speaking activity video on any one of the above topics and share their video with English teachers on WhatsApp PS group. Video should be of 1 minute.

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

- Do the Pre-Reading of Chapter No. 4,6 (Literature) and 6,7,8 (Grammar)
- Write all the difficult words & their meanings of above Chapters in English N.B.

6. Guidelines for Written Homework :

- **Section – D:** Do the given Chapter-wise Assignments on A4 Sheets.

- **Section – E:** Do the given Grammar Assignment on A4 Sheets.
- **Section – F:** Project work
 - **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

Part-III – Guidelines for Marking Scheme & Rules for Submission & Assessments.

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.	<u>20 marks</u>
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8. Rules for Submission & Assessment of Home work :

- All students must submit their vacations 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 2025.
- If some part of Homework is submitted later then either it will not be accepted as submitted on the initial date & marks will be deducted for that.
- However, if a student request to submit the pending part of Homework later then the entire content of homework submission should be treated as submitted on the later date of submission of content & be assessed for that later date.



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Revision Assignment No.1

CLASS – 8

Subject: English

Ch. No.:

Ch. Name:

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) Fables | (ii) Absurd | (iii) Turning point |
| (iv) Monotonous sing song | (v) Tongs | (vi) Struts |
| (vii) Plummeting | (viii) Meek | (ix) Ragged |
| (x) Gayest | (xi) Luggage rack | (xii) Alarm cord |
| (xiii) Platform | (xiv) Retorts | (xv) Mendicants |

Q.2. Write the Synonyms of the following words

- (i) Gobbling
- (ii) Budging
- (iii) Pallor
- (iv) Seclusion
- (v) Anxious

Q.3. Write the Antonyms of the following words

- (i) Lewd
- (ii) Hobbled
- (iii) Dilapidated
- (iv) Struts
- (v) Assault

Q.4. Write the Homonyms of the following words

- (i) Ring
- (ii) Orange
- (iii) Pen
- (iv) Spring
- (v) Rose

Part-2 – Reading Skills

Q.5. Read the following passage from the Chapter & answer the questions.

The happiest of the boys is Hamid. He is only four, poorly dressed, thin and famished looking. His father died last year of cholera. Then his mother wasted away, and without anyone finding out

what had ailed her, she also died. Ameena tells him that his father has gone to earn money and will return with sack loads of silver. And that his mother has gone to Allah to get lovely gifts for him. This makes Hamid very happy. For a child there is nothing like hope. A child's imagination can turn a mustard seed into a mountain. Hamid has no shoes on his feet, the cap on his head is soiled and tattered: its gold thread has turned black. Nevertheless Hamid is happy. He knows that when his father comes back with sacks full of silver and his mother with gifts from Allah, he will be able to fulfill all his heart's desire.

Answer the following Questions from the passage:-

(A) Why is Hamid described as "poorly dressed, thin and famished looking"? What does this tell us about his life situation?

(B) How does Ameena's explanation about Hamid's parents affect his emotions and outlook on life?

(C) What does the line "A child's imagination can turn a mustard seed into a mountain" suggest about Hamid's character and perspective?

(D) Despite his poverty and lack of proper clothes, why is Hamid happy? What does this tell us about the nature of childhood?

(E) How does the poet highlight the contrast between Hamid's harsh reality and his hopeful imagination?

Q.6. Read the following stanza from the Chapter & answer the questions.

*Her aged hand on his strong young arm
She placed, and so without hurt or harm
He guided the trembling feet along,
Proud that his own were young and strong;
Then back again to his friends he went,
His young heart happy and well content.*

*"She's somebody's mother, boys, you know,
For all she's aged, and poor and slow;
And some one, some time, may lend a hand
To help my mother—you understand?—
If ever she's old and poor and gray,
And her own dear boy so far away."*

(A) How does the boy help the old woman? What does this action tell us about his character?

(B) Why is the boy proud while helping the old woman?

(C) Explain the meaning of the line: *"She's somebody's mother, boys, you know, For all she's aged, and poor and slow."*

(D) What lesson does the boy give his friends through his actions and words?

(E) How does the stanza show the connection between kindness and empathy?

Part-3 –Application skills of Subject Tools & Concepts

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

1. Why did the old lady feed the village dogs and the sparrows? What does it tell us about her?
2. How does Hamid justify his purchase of the tongs to his friends?
3. How did Mrs Blake feel while watching the man eat an apple during the journey? Describe her experience.
4. What did the old woman say in her prayers that night? Why?
5. What are some of the places mentioned in the poem? Why do you think the poet chose these places?

Q.7. Answer the following Long Answer Type Questions

1. She broke it into little crumbs, the way my grandmother used to, and threw it to them. The sparrow took no notice of the bread.
 - (i) Who broke the crumbs for the sparrows?
 - (ii) Why do you think the sparrows took no notice of the bread?
2. What do you learn from the story, 'Idgah'? Write a brief character sketch of Hamid.
3. 'But what shall I say to the guard when he comes?'
 - (i) Who is 'I' in the above lines?
 - (ii) What was the person contemplating of doing here?
 - (iii) Do you think that the person indicated by 'I' was worried or frightened or both? Why?

Part-4 – Learning Homework

- **Learning Homework:** Learn Q. Ans. of Chapter No. - 1 to 3 & Poem – 1 and 2 From Text Book/Notebook.



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Revision Assignment No.2

CLASS – 8

Class: 8th

Subject: English Grammar

Part-1 – Word Structure

Section-A – Part of Speech

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

(a) Pronoun - _____

Example: _____

(b) Determiner - _____

Example: _____

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

A. She _____ her homework while listening to music.

- i. does
- ii. did
- iii. is doing
- iv. has done

B. Listen carefully! The birds _____ their nests in the tree.

- i. build
- ii. are building
- iii. built
- iv. has built

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

- A. The children played happily in the _____. (garden/playground)
- B. The scientist discovered a new _____ in the lab. (element/room)
- C. The teacher appreciated the student's _____. (honesty/school)
- D. She wore a beautiful _____ on her wrist. (watch/chair)

Q.4. Change the underlined parts of speech from noun to pronoun of the following:

- A. Rahul helped Anjali, and Rahul guided Anjali to the library.
- B. London is a historic city, and London attracts many tourists.
- C. The cat chased the mouse, and the cat finally caught the mouse.

Part-2 – Sentence Structure

Section-B: Tense Structure

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

(a) Past Continuous - _____

Example: _____

(b) Future Perfect - _____

Example: _____

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

A. Select the sentence with a **collective noun**:

- i. The jury reached a verdict after long discussions.
- ii. The river flows into the sea.
- iii. The child is playing in the garden.
- iv. She drank a glass of water.

B. Select the sentence with a **concrete noun**:

- i. Honesty is the best policy.
- ii. Courage is a noble quality.
- iii. The table is made of oak wood.
- iv. Freedom is precious for all citizens.

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

- A. I _____ (finish) my homework by 7 p.m. yesterday.
- B. She _____ (prepare) for the science project since morning.
- C. They _____ (attend) the workshop tomorrow.
- D. I _____ (watch) a great documentary on wildlife these days.

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

- A. He don't know the answer to the question.
- B. She will to join the seminar next week.
- C. The students was listening carefully to the lecture.
- D. They are living here since 2015.

Q.9. Transform the given sentences as instructed:

- A. Please close the window. (imperative → declarative)
- B. You should take your medicine on time. (declarative → imperative)
- C. She enjoys painting landscapes. (declarative → interrogative)
- D. Are they coming to the meeting? (interrogative → assertive)

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

- 1. वह पिछले तीन वर्षों से इस परियोजना पर पूरी लगन से काम कर रहा है।
- 2. बारिश शुरू होते ही सड़कें इतनी फिसलन भरी हो गईं कि वाहन चलाना मुश्किल हो गया।
- 3. यदि तुमने समय पर तैयारी की होती, तो तुम्हें परीक्षा में सफलता अवश्य मिलती।
- 4. शिक्षक ने विद्यार्थियों को समझाया कि अनुशासन और परिश्रम जीवन में बहुत महत्वपूर्ण हैं।
- 5. थकान के बावजूद, उसने अपना काम पूरा करने का निश्चय किया।

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

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

A. During the field trip, the teacher asked _____ to stay in groups.

- i. we
- ii. us
- iii. ours
- iv. ourselves

B. The children love reading books, especially when _____ explore new stories.

- i. they
- ii. them
- iii. their
- iv. theirs

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

- A. Each of the students have completed their assignments.
- B. The teacher told the students to speaks clearly and confidently.
- C. The children enjoyed playing in the park, eating snacks, and to ride their bicycles.
- D. There is too many chairs in the classroom.

Part-3 – Creative Writing Skills

Section-D

Q.13. Question based on hobbies, experiences or picture descriptions.

Write a brief description about your favorite teacher and why you admire them. Write their qualities and expertise. Paste a picture if possible.

Q.14. Question based on Essay Writing/Story Writing/ Letter Writing/ E-Mail.

Write a notice to the informing students about a charity drive to be organized in your school for the nearby slum area.

OR

Write a story, *A Day When Everything Went Wrong... But Turned Out Well in the End.*



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Summer Holidays Homework

SESSION: 2026-27

CLASS – 8th

Subject: Hindi

Text Book: मल्हार, गरिमा व्याकरण

- 1- 30 मई तक पढ़ाया गया पाठ्यक्रम—
मल्हार भाग-3 अध्याय संख्या-1
अध्याय का नाम— स्वदेश
अध्याय संख्या-2
अध्याय का नाम— दो गौरैया
अध्याय संख्या-3
अध्याय का नाम— एक आशीर्वाद
○ व्याकरण मणिका अध्याय संख्या-1 अध्याय का नाम— भाषा, लिपि और व्याकरण
अध्याय संख्या-2 अध्याय का नाम— वर्ण-विचार
अध्याय संख्या-3 अध्याय का नाम— शब्द-विचार
- 2- मई अंत तक सिखाई गई सभी नई अवधारणाओं (Concepts) की सूची—
○ मूल शब्द, उपसर्ग-प्रत्यय अलग करना ।
○ अर्थ के आधार पर वाक्य पहचान व परिवर्तन करना ।
○ पत्र, कहानी व अनुच्छेद लेखन ।
3. ग्रीष्मावकाश हेतु गृहकार्य—
पठन एवं वाचन गृहकार्य
○ अनुभाग क-पठन गृहकार्य
○ अनुभाग ख-वाचन गृहकार्य
○ अनुभाग ग-पूर्वपठन गृहकार्य
लेखन गृहकार्य
○ अनुभाग घ- पाठ के अनुसार पुनरावृत्ति कार्यपत्र
○ अनुभाग ङ - व्याकरण पुनरावृत्ति कार्यपत्र
○ अनुभाग च - परियोजना कार्य
- 4- गृहकार्य करने के लिए आवश्यक उपकरण—
○ पाठ्य पुस्तक, व्याकरण पुस्तक
○ A4 Sheets
○ गतिविधि के अनुसार संसाधन
- 5- पठन एवं वाचन गृहकार्य हेतु दिशानिर्देश ।
अनुभाग क -पठन गृहकार्य
○ प्रत्येक विद्यार्थी निम्नलिखित में से किसी एक कहानी को पढ़कर उसके बारे में अपना दृष्टिकोण प्रस्तुत करने के लिए नीचे दिए गए सोपानों (Steps) की सहायता लें ।
(क) गोदान (प्रेमचंद)
(ख) नीलकण्ठ (महादेवी वर्मा)
• प्रथम पृष्ठ रचनात्मक बनाएँ जो कि कहानी पर आधारित हो ।
• पढ़ी गई पुस्तक पर आधारित पात्रों को पहचानिए और नाम लिखिए ।
• सारांश लिखने के लिए निम्नलिखित बातों को ध्यान में रखिए —
➤ आरंभ
➤ मध्य
➤ अंत/समापन

- अगर आप भी लेखक होते कहानी का अंत कैसे करते? इस विषय पर एक अनुच्छेद लिखिए। (A4 Sheet)
- अनुभाग ख –वाचन कौशल
विद्यार्थी निम्नलिखित विषयों पर अभ्यास करके वाचन कौशल की एक मिनट की वीडियो बनाकर अपने हिंदी अध्यापक के पास भेजें :-
- लघु उद्योग का महत्व (अर्थ सहित)
- डिजिटल तकनीक
- अनुभाग ग-विद्यार्थी निम्नलिखित पाठों का पूर्व पठन करें व कठिन शब्द रेखांकित करें।
• अध्याय संख्या 4,5 –हरिद्वार पत्र ,कबीर के दोहे

6- लेखन गृहकार्य हेतु दिशा-निर्देश –

- अनुभाग घ – पाठ के अनुसार दिए गए पुनरावृत्ति कार्यपत्र को अपनी A4 Sheet पर पूरा कीजिए।
- अनुभाग ङ – व्याकरण के पुनरावृत्ति कार्यपत्र को अपनी A4 Sheet पर पूरा कीजिए।
- अनुभाग च – परियोजना कार्य
❖ समास- समास की परिभाषा, भेद, उपभेद और उदाहरण

7- हिन्दी गृहकार्य के लिए अंकन योजना

- | | |
|--|-------|
| ○ अनुभाग क – पठन गृहकार्य | |
| • पुस्तक समीक्षा | 2 अंक |
| ○ अनुभाग ख – वाचन गृहकार्य | |
| • छात्रों द्वारा Whatsapp पर साझा की गई वीडियो | 4 अंक |
| ○ अनुभाग ग – पूर्व पठन गृहकार्य | |
| • अर्थ सहित पाठ के सभी कठिन शब्द | 2 अंक |
| ○ अनुभाग घ – पाठ के अनुसार पुनरावृत्ति कार्यपत्र | 4 अंक |
| ○ अनुभाग ङ – व्याकरण पुनरावृत्ति कार्यपत्र | 4 अंक |
| ○ अनुभाग च – परियोजना कार्य | 4 अंक |

हिन्दी विषय के गृहकार्य के कुल अंक 20 अंक

- 8- सभी छात्रों द्वारा अपने सभी विषयों का गृहकार्य अध्यापक द्वारा मूल्यांकन के लिए 1 जुलाई 2025 तक आवश्यक रूप से जमा करवाना होगा। 1 जुलाई 2026 के बाद प्रत्येक दिन की देरी के लिए 5 अंक काटे जाएंगे।



R.E.D. GROUP OF SCHOOLS

Revision Assignment No.-1

Subject – Hindi Class: 8

पाठ संख्या : 1

पाठ का नाम : स्वदेश

भाग-1 –शब्दावली कौशल

प्र.1. निम्नलिखित शब्दों के अर्थ लिखिए—

(क) हृदय	—	(ख) संग	—
(ग) स्वदेश	—	(घ) साहस	—
(ङ) जोश	—	(च) छोड़ दिया	—
(छ) साहस	—	(ज) पार	—
(झ) संसार	—	(ञ) तलवार	—

प्र.2. निम्नलिखित शब्दों के पर्यायवाची शब्द लिखिए—

(क) हृदय —

(ख) स्वदेश —

प्र.3. निम्नलिखित शब्दों के विलोम शब्द लिखिए —

(क) स्वदेश —

(ख) साहस —

प्र.4. निम्नलिखित शब्दों के श्रुतिसमभिन्नार्थी शब्द लिखिए—

(क) उदार —

(ख) उद्धार —

भाग-2 – पठन कौशल

प्र.5. अध्याय से निम्नलिखित गद्यांश को पढ़कर प्रश्नों के उत्तर दें।

वह हृदय नहीं है पत्थर है, जिसमें स्वदेश का प्यार नहीं।
जो जीवित जोश जगा न सका, उस जीवन में कुछ सार नहीं।
जो चल न सका संसार-संग, उसका होता संसार नहीं।।
जिसने साहस को छोड़ दिया, वह पहुँच सकेगा पार नहीं।
जिससे न जाति-उद्धार हुआ, होगा उसका उद्धार नहीं।।
जो भरा नहीं है भावों से, बहती जिसमें रस-धार नहीं।
वह हृदय नहीं है पत्थर है, जिसमें स्वदेश का प्यार नहीं।।

गद्यांश से निम्नलिखित प्रश्नों के उत्तर दीजिए—

- 1 कवि के अनुसार किसे हृदय नहीं बल्कि पत्थर कहा गया है?
- 2 कवि के अनुसार जीवन में सार कब नहीं रहता?
- 3 कवि के अनुसार कौन व्यक्ति पार नहीं पहुँच सकता?

भाग-3 – विषय का अनुप्रयोग कौशल

प्र.6. निम्नलिखित लघु उत्तरीय प्रश्नों के उत्तर दीजिए।

- 1 कवि के अनुसार स्वदेशदूष्रेम के बिना हृदय को पत्थर क्यों कहा गया है?
- 2 जीवन में सार कब होता है और कब नहीं होता?
- 3 कवि ने जाति-उद्धार को क्यों आवश्यक माना है?

प्र.7. निम्नलिखित दीर्घ उत्तरीय प्रश्नों के उत्तर दीजिए।

- 1 भावों से भरे हृदय की क्या विशेषता बताई गई है?
- 2 कवि ने 'जीवित जोश' से क्या तात्पर्य बताया है?
- 3 कवि के अनुसार भावहीन व्यक्ति की पहचान क्या है?

भाग-4 – याद करने हेतु गृहकार्य

पाठ 1 के प्रश्न-उत्तर. 1 से 5 तक याद करो।



R.E.D. GROUP OF SCHOOLS

Revision Assignment No.-2

Subject – Hindi Class: 8

पाठ संख्या : 2

पाठ का नाम: दो गौरैया

भाग-1 –शब्दावली कौशल

प्र.1. निम्नलिखित शब्दों के अर्थ लिखिए—

क) निरीक्षण —

ख) कसरत —

ग) जोश —

घ) मेहमान —

प्र.2. निम्नलिखित शब्दों के पर्यायवाची शब्द लिखिए—

क) घर —

ख) पंछी —

प्र.3. निम्नलिखित शब्दों के विलोम शब्द लिखिए—

क) शोर —

ख) दिन —

प्र.4. निम्नलिखित शब्दों के श्रुतिसमभिन्नार्थी शब्द लिखिए।

(क) सम्मान —

(ख) सामान —

भाग-2 – पठन कौशल

प्र.5. अध्याय से निम्नलिखित गद्यांश को पढ़कर प्रश्नों के उत्तर दें।

अब एक दिन दो गौरैया सीधी अंदर घुस आई और बिना पूछे उड़-उड़कर मकान देखने लगीं। पिताजी कहने लगे कि मकान का निरीक्षण कर रही हैं कि उनके रहने योग्य है या नहीं। कभी वे किसी रोशनदान पर जा बैठतीं, तो कभी खिड़की पर। फिर जैसे आई थीं वैसे ही उड़ भी गईं। पर दो दिन बाद हमने क्या देखा कि बैठक की छत में लगे पंखे के गोले में उन्होंने अपना बिछावन बिछा लिया है और सामान भी ले आई हैं और मजे से दोनों बैठी गाना गा रही हैं। जाहिर है, उन्हें घर पसंद आ गया था।

माँ और पिताजी दोनों सोफे पर बैठे उनकी ओर देखे जा रहे थे। थोड़ी देर बाद माँ सिर हिलाकर बोलीं, 'अब तो ये नहीं उड़ेंगी। पहले इन्हें उड़ा देते, तो उड़ जातीं। अब तो इन्होंने यहाँ घोंसला बना लिया है।' इस पर पिताजी को गुस्सा आ गया। वह उठ खड़े हुए और बोले, "देखता हूँ ये कैसे यहाँ रहती हैं। गौरैयाँ मेरे आगे क्या चीज हैं। मैं अभी निकाल बाहर करता हूँ।"

गद्यांश से निम्नलिखित प्रश्नों के उत्तर दीजिए—

प्रश्न 1. गौरैयाँ मकान में क्यों उड़-उड़कर देखने लगीं?

प्रश्न 2. गौरैयाँ ने अपना घोंसला कहाँ बनाया?

प्रश्न 3. माँ ने क्यों कहा कि अब गौरैयाँ नहीं उड़ेंगी?

प्रश्न 4. इस गद्यांश में पिताजी के स्वभाव का कौन-सा पक्ष प्रकट होता है?

भाग-3—विषय का अनुप्रयोग कौशल

प्र.6. निम्नलिखित लघु उत्तरीय प्रश्नों के उत्तर दीजिए।

क) गौरैयाँ के प्रति माँ और पिताजी की प्रतिक्रियाएँ कैसी थीं?

ख) माँ बार – बार पिताजी की बातों पर मुसकुराती और मजाक करती थीं। इससे क्या पता चलता है ?

प्र.7. निम्नलिखित दीर्घ उत्तरीय प्रश्नों के उत्तर दीजिए।

क) कहानी में गौरैयाँ के बार-बार लौटने को जीवन के किस पहलू से जोड़ा जा सकता है?

ख) लेखक के घर में चिड़िया ने अपना घोंसला कहाँ बनाया? उसने घोंसला वहीं क्यों बनाया होगा ?

भाग-4 – याद करने हेतु गृहकार्य पाठ 2 के प्रश्न-उत्तर. 1 से 5 तक याद करो।



R.E.D. GROUP OF SCHOOLS

Revision Assignment No.- 3

Subject – Hindi Class: 8

पाठ संख्या : 3

पाठ का नाम: एक आशीर्वाद

भाग-1 –शब्दावली कौशल

प्र.1. निम्नलिखित शब्दों के अर्थ लिखिए—

- | | | |
|------------|---|-------|
| 1 स्वप्न | — | _____ |
| 2 भावना | — | _____ |
| 3 गोद | — | _____ |
| 4 पृथ्वी | — | _____ |
| 5 अप्राप्य | — | _____ |

प्र-2 निम्नलिखित शब्दों के पर्यायवाची शब्द लिखिए।

शब्द	पर्यायवाची
क) स्वप्न	— _____
ख) पृथ्वी	— _____

प्र-3 निम्नलिखित शब्दों के विलोम शब्द लिखिए।

शब्द	विलोम
क) बड़े	— _____
ख) हँसना	— _____

प्र.4. निम्नलिखित शब्दों के श्रुतिसमभिन्नार्थी शब्द लिखिए

- (i) प्रधान —
(ii) प्रदान —

भाग-2 – पठन कौशल

प्र.5. अध्याय से निम्नलिखित पद्यांश को पढ़कर प्रश्नों के उत्तर दें।

जा,

तेरे स्वप्न बड़े हों भावना की गोद से उतरकर

जल्द पृथ्वी पर चलना सीखें

चाँद-तारों-सी अप्राप्य सच्चाइयों के लिए

रूठना-मचलना सीखें

हँसें मुसकराएँ गाएँ

हर दीये की रोशनी देखकर ललचाएँ

उँगली जलाएँ अपने पाँवों पर खड़े हों।

जा,

तेरे स्वप्न बड़े हों।

गद्यांश से निम्नलिखित प्रश्नों के उत्तर दीजिए—

प्रश्न 1. कविता में 'स्वप्न' के लिए कवि क्या संदेश देना चाहता है?

प्रश्न 2. "चाँद-तारों-सी अप्राप्य सच्चाइयों के लिए रूठना-मचलना सीखें" का क्या अर्थ है?

प्रश्न 3. कवि क्यों कहता है "हर दीये की रोशनी देखकर ललचाएँ"?

प्रश्न 4. कविता में 'जा, तेरे स्वप्न बड़े हों' कहकर कवि किसकी प्रेरणा दे रहा है?

भाग-3—विषय का अनुप्रयोग कौशल

प्र.5. निम्नलिखित लघु उत्तरीय प्रश्नों के उत्तर दीजिए।

क) कवि "तेरे स्वप्न बड़े हों" कहकर क्या संदेश देना चाहता है?

ख) "चाँद-तारों-सी अप्राप्य सच्चाइयों" से कवि का क्या आशय है??

प्र.7. निम्नलिखित दीर्घ उत्तरीय प्रश्नों के उत्तर दीजिए।

- क) कवि ने अपने आने को 'उल्लास' और जाने को 'आँसू बनकर बह जाना' क्यों कहा है ?
- ख) भिखमंगों की दुनिया में बेरोक प्यार लुटाने वाला कवि ऐसा क्यों कहता है कि वह अपने हृदय पर असफलता का एक निशान भार की तरह लेकर जा रहा है? क्या वह निराश है या प्रसन्न है?
- ग) जीवन में मस्ती होनी चाहिए, लेकिन कब मस्ती हानिकारक हो सकती है ?

भाग-4 – याद करने हेतु गृहकार्य

पाठ 3 के प्रश्न-उत्तर. 1 से 4 तक याद करो।



R.E.D. GROUP OF SCHOOLS

Grammar Revision Assignment No.-4

Subject – Hindi Class: 8

भाग-1 शब्द संरचना अनुभाग-अ – विकारी और अविकारी

प्र.1. निम्नलिखित विकारी और अविकारी के भेदों को परिभाषित करें और एक उदाहरण दें।

(क) क्रियाविशेषण की परिभाषा उदाहरण सहित लिखिए।

उत्तर-----

(ख) विस्मयादिबोधक की परिभाषा उदाहरण सहित लिखिए।

उत्तर-----

प्र.2. दिए गए निर्देशों के अनुसार सही विकल्प चुनें-

1 रेखांकित पद में क्रियाविशेषण का भेद बताइए-

वह अभी-अभी आया है।

(क) कालवाचक क्रियाविशेषण (ख) रीतिवाचक क्रियाविशेषण

(ग) स्थानवाचक क्रियाविशेषण (घ) परिमाणवाचक क्रियाविशेषण

वह भीतर बैठी है।

(क) कालवाचक क्रियाविशेषण (ख) स्थानवाचक क्रियाविशेषण

(ग) रीतिवाचक क्रियाविशेषण (घ) परिमाणवाचक क्रियाविशेषण

प्र.3. विकारी या अविकारी के सही भेदों से रिक्त स्थान भरें।

(क) राम -----जाएगा।

(ख)चहचहा रहे थे।

(ग)तेज चलता है।

प्र.4. रेखांकित विकारी या अविकारी को पहचान कर नाम लिखिए-

(i) वह शाम को घर जाता है।

(ii) सुनीता अच्छी लड़की है।

(iii) हम सैर करने जाते हैं।

प्र.5. निम्नलिखित काल को परिभाषित करें और एक उदाहरण दें।

(क) सामान्य वर्तमान काल की परिभाषा उदाहरण सहित लिखिए।

उत्तर _____

(ख) सामान्य भविष्यकाल की परिभाषा उदाहरण सहित लिखिए।

उत्तर _____

प्र. 6. दिए गए निर्देशों के अनुसार सही चुनें:
विकल्प

- | | | | | |
|--|-----------|-----------|------------|----------|
| 1 'स्वर्ग' का विलोम बताइए— | (क) नरक | (ख) अच्छा | (ग) मृत्यु | (घ) सुखद |
| 2 'दूध' शब्द का पर्यायवाची है— | (क) अमिय | (ख) दुग्ध | (ग) तरु | (घ) सेम |
| 3 'माँ' शब्द का पर्यायवाची है— | (क) अम्मा | (ख) जननी | (ग) मैया | (घ) सभी |
| 4 'असफल' शब्द में किस उपसर्ग का प्रयोग हुआ है? | (क) अ | (ख) आ | (ग) अस | (घ) सभी |

प्र.7. निर्देशानुसार काल परिवर्तन कीजिए—

(क) वर्तमानकाल को भूतकाल में परिवर्तित कीजिए। राधा खाना पका रही है।

उत्तर— _____

(ख) वर्तमानकाल को भविष्यकाल में परिवर्तित कीजिए। सोहन कपड धो रहा है।

उत्तर— _____

(ग) भूतकाल को वर्तमानकाल में परिवर्तित कीजिए। सपना पढ़ रही थी।

उत्तर— _____

प्र.8. निम्नलिखित वाक्यों में सही वाक्य की पहचान कीजिए।

- (क) क्या सुनीता खाना खा रही है? (ख) सुनीता खाना खाया क्या?
(ग) सुनीता ने क्या खाना खाया है। (घ) खाना खा लिया सुनीता ने?

प्र.9 निर्देशानुसार वाक्य परिवर्तन कीजिए
बच्चों खेल रहे हैं।(प्रश्नवाचक वाक्य)

उत्तर— _____

सुमित क्रिकेट खेलता है।(निषेधवाचक वाक्य)

उत्तर— _____

अमीता लकड़ी ला रही है।(आज्ञावाचक वाक्य)

उत्तर—

प्र.10 निम्नलिखित शब्दों को क्रम में लगाकर वाक्य बनाइए। राधा /से/बाजार / मोटरसाइकिल/खरीदी /ने

अनुभाग—स अन्य व्याकरण विषय (वर्तमान पाठ्यक्रम से)

प्र.11. दिए गए निर्देशों के अनुसार सही विकल्प चुनें

अर्थ के आधार पर शब्द के कितने भेद हैं?

क) दो ख) तीन ग) चार घ) सात

जिन शब्दों में लिंग, वचन, कारक के अनुसार कोई परिवर्तन नहीं होता, उसे क्या कहते हैं?

क) विकारी ख) अविकारी ग) यौगिक घ) इनमें से कोई नहीं

रूढ़ शब्द छाँटिए।

क) विद्यालय ख) नमक ग) हवामहल घ) रंगीला

दो या दो से अधिक शब्दों के मेल से बनने वाले शब्द क्या कहलाते हैं?

क) योगरूढ़ ख) रूढ़ ग) यौगिक घ) इनमें से कोई नहीं

प्र.12. निम्नलिखित वाक्यों में त्रुटि पहचानें और सुधारें— हम कल दिल्ली जाऊँगा।

उत्तर—

भाग—3 —रचनात्मक लेखन कौशल अनुभाग—स

प्र.13. निम्नलिखित में से कोई एक करे।

माँ और बेटे के बीच वार्षिक परीक्षा को लेकर संवाद लिखो।

अथवा

‘एकता में बल’ विषय पर कहानी लिखो।

प्र.14. निम्नलिखित में से कोई एक करे।

नई पुस्तक खरीदने के लिए पिता जी से पैसे मँगवाने के लिए पत्र लिखो।

अथवा

‘गाँव से शहर की और पलायन’ विषय पर अनुच्छेद लिखो।



R.E.D. Group of Schools

Summer Holidays Homework

SESSION: 2026-27

CLASS – 8th

Subject: Maths (Non-VVM)

Text Book: Mathematics Buzz

Part-I — Details of Tool Required, Syllabus covered & Categories of Homework

1. Tools required for doing Homework:

- Text Book
- Notebook
- A4 Sheets

2. Syllabus Covered upto MAY END

- Chapter No.- 1 Chapter Name- Powers
- Chapter No.- 3 Chapter Name- A story of numbers
- Chapter No.- 4 Chapter Name- Squares, cubes and their roots

3. List of all new concepts taught upto MAY END

- Types of numbers
- Algebraic operations on Rational numbers
- Laws of exponents
- Standard and usual form of very large and very small numbers
- Squares and Cubes of numbers
- Prime factorization of numbers
- Square roots and Cube roots of number
- Square roots of number by long division method

4. Summer Holiday Homework:

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

Part-II — Guidelines for Reading & Speaking Home work.

5. Section – A: Pre-Reading Homework

- Do the Pre-Reading of Chapter No. 5 (Algebraic expression) and Chapter No.6 (Identities)
- Write all the difficult words & their meanings of above chapters in Maths N.B.
- **Section-B:** Do the given Assignments on A4 Sheets.
- **Section-C:** Lab Practicals
 - Make the following lab activities in lab manual
 - Properties of the diagonal of a rectangle and a square. (Activity no. 5)
 - Multiplication of roman numerals without converting them to Hindu numerals

6. Guidelines for Written Homework :

- **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:**

- **Mathematician 1** Srinivasa Ramanujan
- **Mathematician 2** Shakuntala Devi

- **Point to be enquired:**

- Birth
- Education
- Branch in which they worked
- Achievements

○ **Section – E: Creative Project/ Models**

- **Topic:** Roll no 1 to 8 (Exponent Law Cube where each side shows one law of exponents with a visual and examples)
 - **Material Required**
 - Chart paper
 - Box
 - Scale
 - Marker
- **Topic:** Roll no 9 to 16 (Make a project of types of rational number and write their properties)
 - **Material Required**
 - Chart paper
 - Scale
 - Marker
- **Topic:** Roll no 17 to 24 (Prime Tree Forest)
 - **Material Required**
 - Chart paper
 - Scale
 - Marker
- **Topic:** Roll no 25 to 35 (Prepare a dictionary using mathematics words with meaning and definition. Write at least 2 words for each alphabet)
 - **Material Required**
 - Colourful sheet
 - Sketch pens / Blue/ Black gel pen
 - You can prepare small booklet

Part-III – Guidelines for Marking Scheme & Rules for Submission & Assessments.

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**

Total marks of Maths H.W.

20 marks

8. Rules for Submission & Assessment of Home work :

- All students must submit their vacation Homework of All Subjects for Assessment by teacher on 1st July 2025 by all means.
- Five marks will be deducted for per day of delay after 1st July 2025.
- If some part of Homework is submitted later then either it will not be accepted as submitted on the initial date & marks be deducted for that.
- However, if a student request to submit the pending part of Homework later then the entire content of homework submission should be treated as submitted on the later date of submission of content & be assessed for that later date.



R.E.D. Group of Schools

Revision Assignment No.1

Class: 8th
Ch. No.: 3

Subject: Maths
Ch. Name: A story of numbers

For recapitulation & solving the assignment the students should refer to their Mathematics buzz.

Part-1 – Vocabulary skills

Q.1. Define the following key terms:

- a) Number system b) Natural numbers c) Whole numbers d) Integers e) Rational numbers
f) Irrational numbers g) Real numbers h) Successor i) Predecessor j) Absolute value

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

- a) Representation of rational numbers b) Absolute value of a number c) Set of real numbers

Part-2 – Reading skills

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

Passage

The number system helps us to classify numbers into different groups such as natural numbers, whole numbers, integers, rational numbers and irrational numbers. Rational numbers can be written in the form p/q , where p and q are integers and $q \neq 0$. Irrational numbers cannot be expressed in fractional form and have non-terminating, non-repeating decimal expansions. Together, rational and irrational numbers form the set of real numbers.

Answer the following questions from the passage:

- (A) What is a rational number? Give one example.
(B) What is an irrational number? Give one example.
(C) Name the two sets of numbers that together form real numbers.

Part-3 – Application skills of Subject Tools & Concepts

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

- a) Find the successor of -7
b) Find the absolute value of -15
c) Write the predecessor of 0

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

(i) Which of the following is **not** a rational number?

- a) $3/5$ b) -7 c) $\sqrt{2}$ d) 0

(ii) The absolute value of -9 is:

- a) -9 b) 9 c) 0 d) 1

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

- a) Both assertion and reason are correct, and the reason is the correct explanation of the assertion.
b) Both assertion and reason are correct, but the reason is not the correct explanation of the assertion.
c) The assertion is correct, but the reason is incorrect.
d) Both assertion and reason are incorrect.

(i) **Assertion:** Zero is an integer.

Reason: Zero lies between positive and negative integers.

(ii) **Assertion:** Every rational number is a real number.

Reason: Real numbers include both rational and irrational numbers.

Q.7. Solve the following Puzzle/Sudoku

Puzzle

- a) Find the missing number



b) **Sudoku**

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

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

a) The temperature in a hill station was -5°C in the morning. By afternoon, it increased by 9°C . What was the temperature in the afternoon?

b) A lift is on the 3rd floor above ground level. It goes down 7 floors. On which floor does the lift stop?

c) Ravi has ₹250 in his bank account. He withdraws ₹375. What is the balance in his account?

Q.9. Answer the following Short Answer Type Questions

a) Write any two rational numbers between -1 and 0 .

b) Find the absolute value of -23 .

c) Is 0 a whole number? Give reason.

d) Write -7 as a rational number.

e) Find the successor of -1 .

Q.10. Answer the following Long Answer Type Questions

a) Explain different types of numbers in the number system with examples.

b) Verify that $-(-a) = a$ for $a = -6$.

c) Represent the following numbers on a number line: $-4, -1, 0, 2, 5$.

d) Find three rational numbers between 2 and 3 .

e) A submarine is 250 m below sea level. It rises 175 m. Find its new position with respect to sea level.



R.E.D. Group of Schools

Revision Assignment No.2

Class: 8th
Ch. No.: 1

Subject: Maths
Ch. Name: Powers

For recapitulation & solving the assignment the students should refer to their Mathematics buzz.

Part-1 – Vocabulary skills

Q.1. Define the following key terms:

- | | | | |
|---------------------------|-------------------|---------------|------------------------|
| a) Exponent | b) Power | c) Base | d) Scientific Notation |
| e) Integer | f) Expanded form | g) Usual form | h) Compare |
| i) Multiplicative Inverse | j) Decimal number | | |

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

- a)) a raised to Power n b) Not equals to

Part-2 – Reading skills

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

Passage

In a class science teacher give some information to all students about Solar system in following manner.

Distance of earth from sun = 149600000 km

Mass of earth = 5970000000000000000000000 kg

Mass of Mars = 6420000000000000000000000000 kg

Mass of sun = 1990000000000000000000000000000 kg

Mass of moon = 7350000000000000000000000 kg

Answer the following Questions from the passage:-

- (A) Write distance of earth from sun in standard form?
(B) Write the mass of earth and sun in standard form?
(C) Calculate the total mass of earth and moon.

Part-3 – Application skills of Subject Tools & Concepts

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

- a) Which number is greater: 173.22×10^7 or 1.7322×10^8
b) Calculate $(3^0 + 4^0 + 5^0)^2$
c) What is the multiplicative inverse of 2^{-4} ?

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

- i) What is the value of $(1^1 - 2^1 + 3^1 - 4^1 + 5^1)^0$
a) 3 b) 0 c) 1 d) 2
ii) Simplify $\left(\frac{-7}{5}\right)^4 \times \left(\frac{5}{7}\right)^4$
a) 1 b) $\frac{5}{7}$ c) $-\frac{7}{5}$ d) $\frac{7}{5}$

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

(i) Assertion (A): $\left(\frac{5}{7}\right)^0 = 1$

Reason (R): For any non-zero rational number x, $x^0 = 1$.

- 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

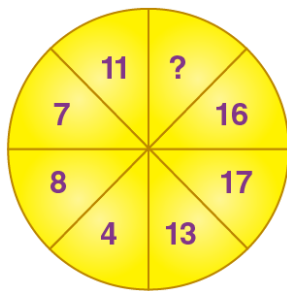
(ii) Assertion (A): $\sqrt[3]{\frac{27}{216}}$ can be written as $\left(\frac{216}{27}\right)^{\frac{1}{3}}$

Reason (R): $a^{\frac{1}{n}} = \sqrt[n]{a}$, where both represents n^{th} root of a.

- 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

Q.7. Solve the following Puzzle/Sudoku

a) **Puzzle**



b) **Sudoku**

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

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

- A small town has a population of 5,000 people. The population doubles every 4 years. What will the population be after 10 years?
- A virus infects 3 people on the first day. On each subsequent day, the number of infected people triples. How many people will be infected after 4 days?
- A radioactive element decays such that its remaining amount after t years is given by $A = A_0 \times 2^{-t/5}$, where A_0 is the initial amount. If $A_0 = 1000$ grams, what will the amount of the element be after 10 years?

Q.9. Answer the following Short Answer Type Questions

- By what number should $\left(-\frac{3}{5}\right)^{-3}$ be divided so that the quotient is $\left(-\frac{3}{5}\right)^{-2}$?
- Find x , if $(3^{x+2} - 9) \div 8 = 9$.
- Simplify $\frac{8^{-2} \times 10^{-4}}{2^{-5} \times 5^{-4} \times 2^{-2}}$.
- Simplify: $(9^3)^2 \div (3^6)^2$.
- Find the value of x , if: $3^{x-2} = 1$.

Q.10. Answer the following Long Answer Type Questions

- If $5^{x-1} + 5^x + 5^{x+1} = 775$, then find the value of x , where x is a positive integer.
- If $(-3)^{m+1} \times (-3)^5 = (-3)^7$, then find the value of m .
- If the diameters of the sun and the earth are 1.4×10^9 meters and 1.275×10^7 meters respectively. Compare these two.



R.E.D. Group of Schools

Revision Assignment No.3

Class: 8th
Ch. No.: 4

Subject: Maths
Ch. Name: Squares, cubes and their roots

For recapitulation & solving the assignment the students should refer to their Mathematics buzz.

Part-1 – Vocabulary skills

Q.1. Define the following key terms:

- | | | | |
|------------------|------------------------|------------------------|---------------------|
| a) Square roots | b) Perfect squares | c) Pythagorean triplet | d) Patterns |
| e) Decimals | f) Consecutive numbers | g) Prime factorization | h) Rational numbers |
| i) Column method | j) Diagonal method | | |

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

- | | |
|----------------------------|----------------|
| a) Numbers between Squares | b) Square root |
|----------------------------|----------------|

Part-2 – Reading skills

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

Passage

Method to find whether a number is perfect square or not:

- Write the number
- Obtain its prime factor
- Check if all prime factors form pairs of identical factors or not.
- If all the prime factors occur in pairs of like factors then we say that number is perfect square else the number is not a perfect square

Answer the following Questions from the passage:-

- (A) what are the prime factors of 3125?
(B) Is 3125 a perfect square?
(C) Find the number whose square is 1296

Part-3 – Application skills of Subject Tools & Concepts

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

- a) Write the smallest number of three digits which is perfect square.
b) Is 12457 a perfect square?
c) Write largest two digit number which is perfect square.

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

i) Which of the following is a square of an even number?

- | | | | |
|--------|--------|--------|------------------|
| a) 144 | b) 625 | c) 441 | d) None of these |
|--------|--------|--------|------------------|

ii) A perfect square cannot have ___ at its one's place.

- | | | | |
|------|------|------|------|
| a) 1 | b) 8 | c) 0 | d) 6 |
|------|------|------|------|

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

(i) **Assertion (A):** $(2n - 1) \times (2n + 1) + 1 = (2n)^2$.

Reason (R): If 1 is added to the product of two consecutive odd natural numbers, it is equal to the square of only odd natural number between them.

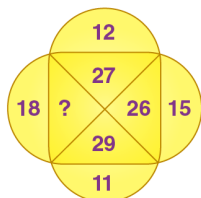
- a) Both A and R are true and R is the correct explanation of A
b) Both A and R are true but R is not the correct explanation of A
c) A is true but R is false
d) A is false but R is true

Q.ii **Assertion (A):** (5, 12, 13) is a Pythagorean triplet.

Reason (R): For any natural number $m > 1$, we have $2m, m^2 - 1, m^2 + 1$ as Pythagorean triplet.

- 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

Q.7. Solve the following Puzzle/Sudoku
Puzzle



a)

Sudoku

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

b)

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

- Find the least square number which is divisible by each of the number 4, 8 and 12.
- What is the least number that must be subtracted from 3793 so as to get a perfect square? Also, find the square root of the number so obtained.
- The area of a square field is 8281 m². Find the length of its side.

Q.9. Answer the following Short Answer Type Questions

- Find the length of the side of a square whose area is 441 m².
- Evaluate: $\sqrt{10.0489}$
- Find the least number by which 8192 should be divided to get a perfect square.
- A gardener has 1000 plants, he wants to plant these in such a way that the number of rows and number of column remain same. Find the minimum number of plants he need more for this.
- Write a Pythagorean triplet whose one member is 18.

Q.10. Answer the following Long Answer Type Questions

- Find the square root of 150.0625 by using the method of long division.
- Find the greatest number of four digits which is a perfect square.
- Using the prime factorisation method, find which of the following numbers are not perfect squares.
(i) 768 (ii) 1296
- . A gardener has 1000 plants. He wants to plant these in such a way that the number of rows and the number of columns remain same. Find the minimum number of plants he needs more for this
- There are 500 children in a school. For a P.T. drill they have to stand in such a manner that the number of rows is equal to number of columns. How many children would be left out in this arrangement



R.E.D. Group of Schools

Revision Assignment No.4

Class: 8th
Ch. No.: 4

Subject: Maths
Ch. Name: Squares, cubes and their roots

For recapitulation & solving the assignment the students should refer to their Mathematics buzz.

Part-1 – Vocabulary skills

Q.1. Define the following key terms:

- | | | | |
|---------------------|------------------------|------------------------|--------------|
| a) Cube of a number | b) Perfect cube | c) Unit digit | d) Triplets |
| e) Multiple | f) Consecutive numbers | g) Prime factorization | h) Cube root |
| i) Rational number | j) Even number | | |

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

a) $\sqrt[3]{a \times b} =$ b) $\sqrt[3]{\frac{a}{b}} =$

Part-2 – Reading skills

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

Raj made a cuboid of plasticine. Length, breadth and height of the cuboid are 15 cm, 30 cm, 15 cm respectively. Anu asks how many such cuboids will she need to make a perfect cube? Can you tell? Raj said, Volume of cuboid is $15 \times 30 \times 15 = 3 \times 5 \times 2 \times 3 \times 5 \times 3 \times 5 = 2 \times 3 \times 3 \times 3 \times 5 \times 5 \times 5$ Since there is only one 2 in the prime factorisation. So we need 2×2 , i.e., 4 to make it a perfect cube. Therefore, we need 4 such cuboids to make a cube.

Answer the following Questions from the passage:-

- (A) Is 392 a perfect cube? If not, find the smallest natural number by which 392 must be multiplied so that the product is a perfect cube?
(B) What you mean by Perfect Cube ?
(C) Find the cube root of 8000.

Part-3 – Application skills of Subject Tools & Concepts

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

- a) Is it possible that cube of a natural number ends with digit 7?
b) What will be the unit digit of cube root of 1728? It is given that 1728 is a perfect cube.
c) Give an example of natural number which is both square and cube of natural number.

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

(i) Which of the following is a cube of an even number?

- a) 729 b) 343 c) 512 d) None of these

(ii) Which of the following numbers is not a perfect cube?

- a) 2197 b) 512 c) 2916 d) 343

d)

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

Directions: In each of the following questions, a statement of Assertion is given followed by a corresponding statement of reason just below it. Of the statement, mark the correct answer as

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

Q.i **Assertion (A):** $1^3=1$, $9^3=729$, $3^3=27$ where 1, 729, 27 are cubes of 1,9,3 respectively.

Reason (R): Cubes of all odd natural numbers are even.

Q.ii **Assertion (A):** The cube root of -1.331 is -1.1.

Reason (R): The cube root of a negative perfect cube is negative.

Q.7. Solve the following Puzzle/Sudoku
Puzzle

$$\begin{array}{rcl}
 \square & + & \square = 8 \\
 \times & & - \\
 \square & \times & \square = 9 \\
 = & & = \\
 21 & & 5
 \end{array}$$

a)

Sudoku

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

b)

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

- Find the cube of 3.5
- Parikshit makes a cuboid of plasticine of sides 5 cm, 2 cm, 5 cm. How many such cuboids will he need to form a cube?
- Find the cube root of 17576 through estimation.

Q.9. Answer the following Short Answer Type Questions

- Find the volume of a cube, one face of which has an area of 64m^2 .
- Find the volume of a cube whose surface area is 384m^2 .
- Find the smallest number by which 3087 must be divided so that the quotient is a perfect cube.
- Find the cube roots of the following numbers by prime factorization method .
 - 64
 - 216
- Is 1024 a perfect cube?

Q.10. Answer the following Long Answer Type Questions

- Multiply 210125 by the smallest number so that the product is a perfect cube. Also, find out the cube root of the product.
- Find the smallest number, which, when multiplied by 3600, will make the product a perfect cube. Further, find the cube root of the product.
- Is 392 a perfect cube? If not, find the smallest natural number by which 392 should be multiplied so that the product is a perfect cube.
- Parikshit makes a cuboid of plasticine of sides 5 cm, 2 cm, 5 cm. How many such cuboids will he need to form a cube?
- Find the cube root of 13824 by prime factorisation method.



R.E.D. Group of Schools

Summer Holidays Homework

SESSION: 2026-27

CLASS – 8th

Subject: Social Science

Text Book: 1. Exploring Society India and Beyond

1. Tools required for doing Homework:

- Text Book
- Notebook
- A₄ Sheets
- Resources as per activity

2. Syllabus Covered upto MAY END

- Chapter No.-1 (Geo) Chapter Name- The natural Resources and Their Use
- Chapter No.-1 (His) Chapter Name- Reshaping India's political map

3. List of all new concepts taught upto MAY END

- Types of Resources
- Renewable and Non Renewable resources
- Distribution of Natural Resources
- The Natural Resources Curse
- Restoration and regeneration of renewable resources.
- The case of cement
- Rise and The fall of the Delhi Sultanate
- The Vijayanagara Empire
- The Resistance to the Mughals
- Mughal Administration
- Administration india

4. Section-wise Holiday's 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

Part-II — Guidelines for Reading & Speaking Home work.

5. Section-A: Reading Homework

- Do the Pre-Reading of Chapter No. 3.(The Rise of Marathas) and Chapter No. 4 (Universal Franchise and India's Electoral System
- Write all the difficult words & their meanings of above chapters in Social Science N.B.

6. Guidelines for Written Homework :

- **Section – B:** Do the given Assignments on A4 Sheets.
- **Section – C:Current Affairs Project:**
 - Collecting current news of five National, five International and five Sports of Month June

○ **Section – D: Creative Project/ Models**

Topic	Roll No.
Ch-1 (Geo.) Make a Project on renewable and non-renewable resources on chart with drawing)	1 – 8
Ch-2 (His) Make a project on Chronology of Mughal Emperors	9 –16
Ch-1 (Civ.) Make a Project on overexploitation of Natural Resources	17– 24
Ch-2 (His) Make a project on The Vijayanagara Empire	25-32
Ch-2 (His) Make a project on the Rise of Sikhs	33– 40

❖ **Note- Take care about handwriting and presentation.**

7. Section – E: Chart Work

- Topic: Roll no 1 to 8 (Create a chart on Rajput Administration)
- Topic: Roll no 9 to 16 (Make a chart on Akbar Administration)
- Topic: Roll no 17 to 24 (Create a chart on Restoration and regeneration of renewable resources)
- Topic: Roll no 25 to 31 (Create a flowchart on Mughal Administration)
- Topic: Roll no. 32-40 (Create a flowchart on Sustainable Goals)

Part-III – Guidelines for Marking Scheme & Rules for Submission & Assessments.

8. 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

9. Rules for Submission & Assessment of Home work :

- All students must submit their vacation Homework of All Subjects for Assessment by teacher on 1st July 2026 by all means.
- Five marks will be deducted for per day of delay after 1st July 2026.
- If some part of Homework is submitted later then either it will not be accepted as submitted on the initial date & marks be deducted for that.
- However, if a student request to submit the pending part of Homework later then the entire content of homework submission should be treated as submitted on the later date of submission of content & be assessed for that later date.



R.E.D.Group of Schools

Chapter-wise Revision Assignment- 1

Class: 8th
Ch. No.:1(Geo)

Subject: Social Science
Ch. Name: The Natural Resources and Their Use

Part-1 – for Vocabulary skills

Q.1. Define the following key terms:

- | | | |
|-------------------|-------------------|--------------------|
| (i) Accessible | (ii) Utility | (iii) Conservation |
| (iv) Substances | (v) Environmental | (vi) Minerals |
| (vii) Replenished | (viii) Technology | (ix) Sustainable |
| (x) Diversity | | |

Part-2 – Reading skills

Q.2. Read the following passage from the chapter & answer the questions.

The earth's surface is covered with various types of resources. These resources are essential for human survival and economic development. Resources can be broadly classified into two categories: natural resources and human-made resources.

Natural resources are those that are found in nature and can be used for various purposes. These include land, water, air, minerals, forests, and wildlife. Land is a vital resource that provides space for human settlements, agriculture, and industries. Water is another essential resource that is necessary for human consumption, agriculture, and industries. Air is a vital resource that is necessary for human survival. Minerals are non-renewable resources that are used in various industries such as construction, manufacturing, and energy production. Forests provide various resources such as timber, fuelwood, and medicines. Wildlife provides various resources such as food, clothing, and medicines.

Human-made resources, on the other hand, are those that are created by humans using natural resources. These include buildings, roads, bridges, canals, and dams. Buildings provide shelter and space for various human activities. Roads, bridges, and canals provide transportation facilities and connect different regions. Dams provide water for irrigation, drinking, and industries.

Answer the following questions from the passage:-

1. What are the two broad categories of resources?

- A) Natural and human-made
- B) Renewable and non-renewable
- C) Exhaustible and inexhaustible
- D) Biotic and abiotic

2. Which of the following is a natural resource?

- A) Building
- B) Road
- C) Forest
- D) Bridge

3. What is the main purpose of dams?

- A) To provide shelter
- B) To provide transportation facilities
- C) To provide water for irrigation, drinking, and industries
- D) To provide space for human settlements

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 and label the following places on the map of India

- a) Chhattisgarh
- b) Bihar

Diagram:

- a) Make a diagram on classification of Renewable and Non-renewable resources.

Graph:

- a) Make Graph related to Distribution of Natural Resources

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

(a) Both assertion and reason are correct and related.

(b) Both assertion and reason are correct but not related.

(c) Assertion is correct, but the reason is incorrect.

(d) Assertion is incorrect, but the reason is correct.

- (i) **Assertion (A):** Sunshine in India is an example of a renewable resource.

Reason (R): It is naturally replenished and does not get exhausted through use.

- (ii) **Assertion (A):** Renewable resources are linked to nature's ability to restore and regenerate.

Reason (R): Renewable resources can be replenished naturally over time.

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 categorisation useful when we study natural resources?
2. What shared characteristics are used to group natural resources into categories?
3. What do we obtain from the atmosphere, rivers, and soil that makes life possible?
4. Why can we not create air, water, or soil on our own?
5. How does using shared names and meanings help people communicate ideas more effectively?

Q.7. Answer the following long answer type questions:

- i. What does the passage mean by “resources for materials”?
- ii. How can a piece of wood be transformed in different ways?
- iii. How does India's geographical diversity contribute to material resources?
- iv. What are the three categories of natural resources mentioned in the passage?
- v. Why are air, water, and soil considered essential for life?

Part-4 – Learning Homework

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



R.E.D.Group of Schools

Chapter-wise Revision Assignment- 2

Class: 8th
Ch. No.:2(His)

Subject: Social Science
Ch. Name: (Reshaping India's Political map)

Part-1 – for Vocabulary skills

Q.1. Define the following key terms:

- i. Frontier
- ii. Rebellion
- iii. Suppression
- iv. Tribal
- v. Authority
- vi. Revolt
- vii. Chieftain
- viii. Resistance
- ix. Expansion
- x. Tributary

Part-2 – Reading skills

Q.2. Read the following passage from the chapter & answer the questions.

The period in this chapter and the next is often called the latter part of the 'medieval period' of Indian history. The term 'medieval' (i.e., 'between two ages') was originally applied to European history, roughly from the fall of the Roman Empire (5th century CE) to the Renaissance (Europe's cultural revival in the 14th–16th centuries, nurtured by the rediscovery of Greek and Roman art and literature). It was once thought to mark a dark age before the development of modern science; but, of course, Europe's and India's histories are very different, so applying the same term 'medieval' to both is not ideal, and historians do not always agree on which period it covers in India. We will sometimes have to use the term 'medieval' but for us it simply means the period from the 11th to the 17th centuries.

Answer the following Questions from the passage: -

Q1. What does the term 'medieval' literally mean?

- a) Ancient age
- b) Modern age
- c) Between two ages
- d) Dark age

Q2. To which region was the term 'medieval' originally applied?

- a) India
- b) China
- c) Europe
- d) West Asia

Q3. The medieval period in European history began after the fall of which empire?

- a) Greek Empire
- b) Roman Empire
- c) Ottoman Empire
- d) Persian Empire

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 and label the following places on the map of India

- a) Bihar

b) Kerala

Diagram:

a) Make a diagram on The Delhi Sultanate

Graph:

a) Make Graph on Mughal Administration

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

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

(i) **Assertion (A):** The term '*medieval*' was first used to describe a period in European history.

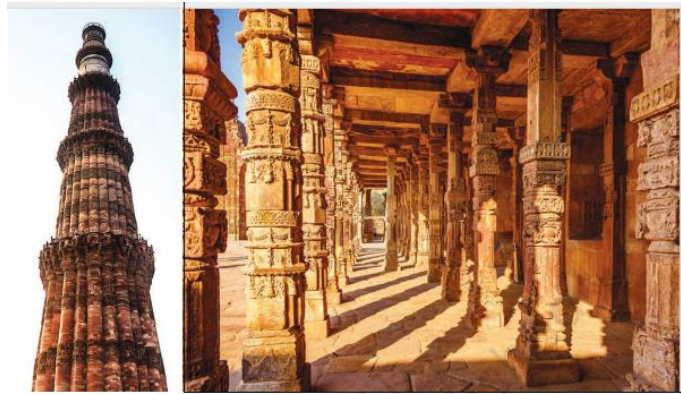
Reason (R): It referred to the time between the fall of the Roman Empire and the Renaissance in Europe.

(ii) **Assertion (A):** The medieval period was once considered a “dark age” in European history.

Reason (R): It was believed to be a period before the development of modern science.

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

Picture: –



Q.6. Answer the following short answer type questions:

- i. Name any one group that resisted the Sultanate.
- ii. Why did Rajputs resist the Sultans?
- iii. Which group attacked from the northwest?
- iv. Who led most tribal resistances?
- v. Name one southern kingdom that opposed the Sultans.

Q.7. Answer the following long answer type questions:

- i. Which river valley supported this empire?
- ii. How did trade help the empire grow?
- iii. Who were important rulers of this empire?
- iv. Why was Vijayanagar known for strong administration?
- v. Why was Vijayanagar located in a strategically strong position?

Part-4 – Learning Homework

- **Learning Homework:** Learn Q. Ans. of Ch-2(His) 1 to 4 From Text Book/Notebook



R.E.D. Group of Schools

Summer Holidays Homework

SESSION: 2026-27

CLASS – 8th

Subject: Science (Non-VVM)

Text Book: Together with e science

Part-I — Details of Tool Required, Syllabus covered & Categories of Homework

1. Tools required for doing Homework:

- Text Book
- Notebook
- A₄ Sheets
- Resources as per activity

2. Syllabus Covered upto MAY END

- Chapter No. – 1 Chapter Name-Exploring the Investigative world of Science
- Chapter No.- 2 Chapter Name-The invisible living world :Beyond our Naked eye
- Chapter No.- 3 Chapter Name-Health :The ultimate Treasure

3. List of all new concepts taught upto MAY END

4. Thinking like a scientist: combining logic with imagination
5. Role of creativity evidence and imagination in science
6. Continuing the scientific journey
7. The Cell and its Discovery
8. Structure and function of a cell
9. variation in shape and structure of cell.
10. Our connection with microbes
11. Health : beyond the sicknesses
12. Diseases causes and types

4. Summer Holiday Homework:

- **Reading Homework:**
 - **Section-A:** Pre-Reading Homework
- Pre- read Chapter No.- 4 Chapter Name- Electricity :Magnetic and heating effect
Ch. 5- Exploring Forces
- **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 (Any one Scientist)
 - .

Part-II — Guidelines for Reading & Speaking Home work.

5. Section-A : Pre-Reading Homework

- Do the Pre-Reading of Chapter No. 4 and 5.
- Write all the difficult words & their meanings of above chapters in Science N.B.

6. Guidelines for Written Homework:

- **Section-B :** Do the given Assignments on A4 Sheets.
- **Section-C :** Creative Project/ Models

- Topic: Roll no 1 to 8 (**Science :A journey of discovery**)
- Topic: Roll no 9 to 16 (**Plant cell and Animal cell**)
- Topic: Roll no 17 to 24 (**Healthy Life, Happy Life**)
- Topic: Roll no 25 to 31 (**Types of microorganisms**)

○ **Section-D-Experiment based activity.**

- One activity which can be performed at home with parental supervision.

Name of the Activity: Study the Effect of Physical Exercise on Heart Rate”

Material Required: Stopwatch / mobile timer, Chair, Notebook & pen

➤ **Procedure:**

1. Sit calmly on a chair for 5 minutes.
2. Count your pulse rate for 1 minute (resting state).
3. Now do jumping or spot running for 1–2 minutes.
4. Immediately count the pulse rate again.
5. Note the readings in a table.
6. Rest for 5 minutes and count pulse again..

➤ **Observations:** Observation Table

➤ Condition	Pulse Rate (beats/min)
➤ Resting	—
➤ After Exercise	—
➤ After Rest	—

➤ **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:**

➤ **Dr. A.P.J Abdul Kalam**

OR

➤ **C.V. Raman**

- **Point to be enquired:**
 - Birth
 - Education
 - Branch in which they worked
 - Achievements

Part-III – Guidelines for Marking Scheme & Rules for Submission & Assessments.

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.	<u>20 marks</u>
------------------------------------	------------------------

8. Rules for Submission & Assessment of Home work :

- All students must submit their vacation Homework of All Subjects for Assessment by teacher on 1st July 2026 by all means.
- Five marks will be deducted for per day of delay after 1st July 2026.
- If some part of Homework is submitted later then either it will not be accepted as submitted on the initial date & marks be deducted for that.
- However, if a student request to submit the pending part of Homework later then the entire content of homework submission should be treated as submitted on the later date of submission of content & be assessed for that later date.



R.E.D.Group of Schools

Chapter-wise Revision Assignment- 1

Class: 8th
Ch.No.: 1
of Science

Subject: Science
Ch. Name: Exploring the investigative world

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

Part-1 – for Vocabulary skills

Q.1. Define the following Key Terms:

- | | | |
|------------------------|-------------------|--------------------|
| (i) Evidence | (ii) Accuracy | (iii) Conclusion |
| (iv) Scientific Method | (v) Measurement | (vi) Investigation |
| (vii) Observation | (viii) Hypothesis | (ix) Inquiry |
| (x) Science | | |

Part-2 – Reading skills

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

Passage

Systematic Investigation A systematic investigation is a planned and organised process of collecting, analysing, and interpreting information to answer specific questions or test ideas. It follows a clear sequence of steps, uses reliable methods, and aims to produce accurate and objective results. You can understand it by following: That afternoon, Sujata ma'am divided the class into teams for their first experiment in the home science room. In 'investigating the puff of a puri,' each group rolled out balls of dough, making careful notes about thickness. With the teacher handling the hot oil, they fried one puri from each batch. Students watched eagerly: some puris were fat and round, some were more flattened, and sometimes a thin patch formed. Then came the scientific part—they changed one thing at a time: using maida instead of atta, making the dough thicker, or waiting until the oil was cooler. They recorded their observations in tables. The room buzzed as teams compared results: 'The thinner puris puffed up more!' 'Cool oil makes flat puris!' Through laughter and learning, they saw first-hand why scientists change only one thing at a time—what they called a variable—so they could understand which change mattered.

Answer the following Questions from the passage:-

1. What is meant by a systematic investigation, and why is it important in science?
2. In the puri experiment, what was the variable that students changed, and why did they change only one factor at a time?
3. How did recording observations in tables help students compare and understand their results?

Part-3 – Application skills of Subject Tools & Concepts

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

Diagram:

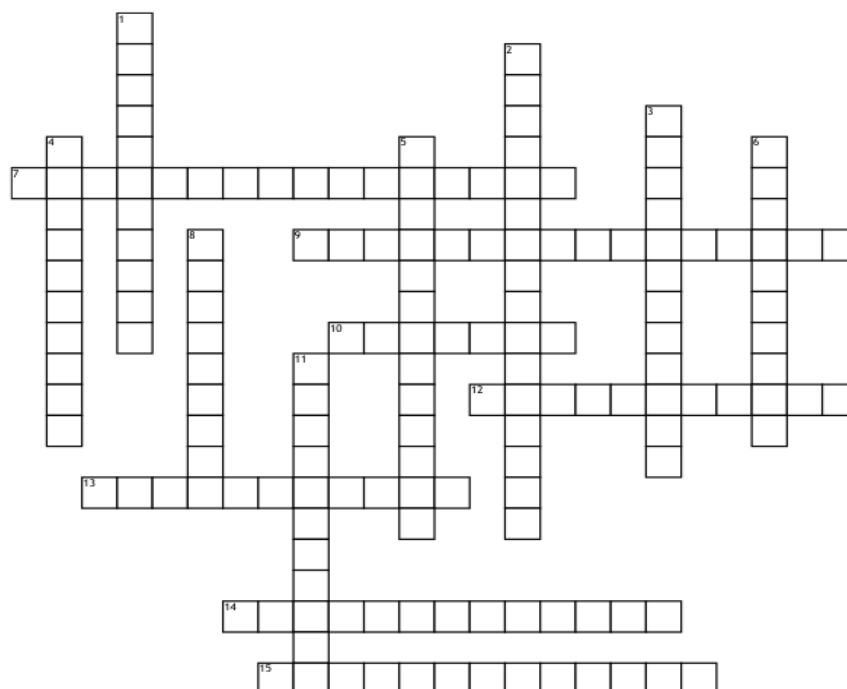
- a) Diagram electromagnet
- b) Diagram of states of matter

Flowchart:

- a) Flow chart on steps of scientific investigation

Puzzle: a)

Vocabulary Scientific Method



Across

7. comparing what you already know with the information you are giving in order to decide whether you agree with it.

9. an explanation of observations or events that is based on knowledge gained from many observations and investigations.

10. the investigation and exploration of natural events and the new information that results from those investigations.

12. a spoken or written summary of observations.

13. the act of using one or more of your senses to gather information and taking notes of what occurs.

14. a rule that describes a pattern in nature.

15. a process of inspecting, cleaning, transforming and modeling data with the goal of discovering useful information, suggesting conclusions, and decision-making

Down

1. Observation using your senses .

2. a process that uses a set of skills to answer questions or to test ideas about the natural world. (an inquiry)

3. observation using numbers or measurements.

4. a statement of what will happen next in a sequence of events.

5. The action of investigating something or someone; formal or systematic examination or research.

6. a possible explanation for an observation that can be tested by scientific investigations.

8. a logical explanation of an observation that is drawn from prior knowledge and or explanation.

11. an interpretation of observations.

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

- (i) **Assertion (A):** Great scientific discoveries often begin with imagination along with careful observation.

Reason (R): Scientists like Albert Einstein and Isaac Newton used imaginative thinking to ask “what if” questions that led to important scientific theories.

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

- (ii) **Assertion (A):** A person needs a well-equipped laboratory to think and work like a scientist.
Reason (R): Observing everyday events, asking questions, and forming hypotheses are key parts of scientific investigation.

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

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: Find out some examples of scientific investigations based on real-life situations around us. Try to observe, collect data, and record your findings. These make science practical and fun!

Answer the following Questions.

- (i) Which soap makes the most bubbles?
- (ii) Does a plant grow better in sunlight or shade?
- (iii) Which material keeps water cold for longer?

Q.6. Answer the following Short Answer Type Questions

- 1. What is meant by a scientific investigation?
- 2. Name the first step of the scientific method.
- 3. Define a hypothesis.
- 4. Define Science
- 5. What is an experiment?

Q.7. Answer the following Long Answer Type Questions

- 1. A student notices that plants near a window grow taller than those in a dark corner.
Design a scientific investigation to test the effect of light on plant growth. Include:
 - a. Aim
 - b. Hypothesis
 - c. Materials
 - d. Procedure
 - e. Variables
 - f. Expected conclusion
- 2. Discuss the importance of creativity and imagination in science. How do these qualities help scientists develop new ideas, experiments, and inventions?
- 3. Give one example in your family where someone asked 'Why' and found a new way of doing something?
- 4. Think about the following investigations and write why all these happen around you:
 - (i) Why does water boil?
 - (ii) Why does iron rust?
 - (iii) Why do leaves turn yellow in autumn?
- 5. Scientific tools and instruments play a vital role in investigations. Describe any three scientific tools and explain how they improve accuracy and reliability in scientific research.

Part-4 – Learning Homework:

Learn Q. Ans. of Ch- 1 From Text Book/Notebook.



R.E.D.Group of Schools

Chapter-wise Revision Assignment- 2

Class: 8th

Ch.No: 2

:Beyond Our Naked Eye

Subject: Science

Ch. Name: The Invisible Living World

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

Part-1 – for Vocabulary skills

Q.1. Define the following Key Terms:

- | | | | |
|------------------|---------------------|----------------|------------------|
| (i) Cell wall | (ii) Microorganisms | (iii) Nucleus | (iv) Pathogens |
| (v) Antibodies | (vi) Root nodules | (vii) Plastids | (viii) Cytoplasm |
| (ix) Antibiotics | (x) Amoeba | | |

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

Passage

Rhizobium is a type of bacteria that lives inside small swellings called root nodules of leguminous plants such as pea, bean, and cowpea. These bacteria form a symbiotic association with the plant. The bacteria fix atmospheric nitrogen, which cannot be directly absorbed by plants, and convert it into nitrates and ammonia, which plants can easily use for growth. This natural enrichment of soil makes the plant healthier and reduces the need for chemical fertilisers. In return, the plant provides Rhizobium with food in the form of sugars and a safe place to live inside its roots. This mutually beneficial relationship is one of the best examples of cooperation in nature and plays a vital role in sustainable agriculture. Farmers often grow leguminous crops in rotation to naturally improve soil fertility

Answer the following Questions from the passage:-

- What is meant by a symbiotic relationship?
- How does Rhizobium enrich the soil?
- Why do leguminous crops need less nitrogen fertilizer?

Part-3 – Application skills of Subject Tools & Concepts

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

Diagram:

a) Nerve Cell

Flowchart:

a) Flow chart on Classification of microorganisms

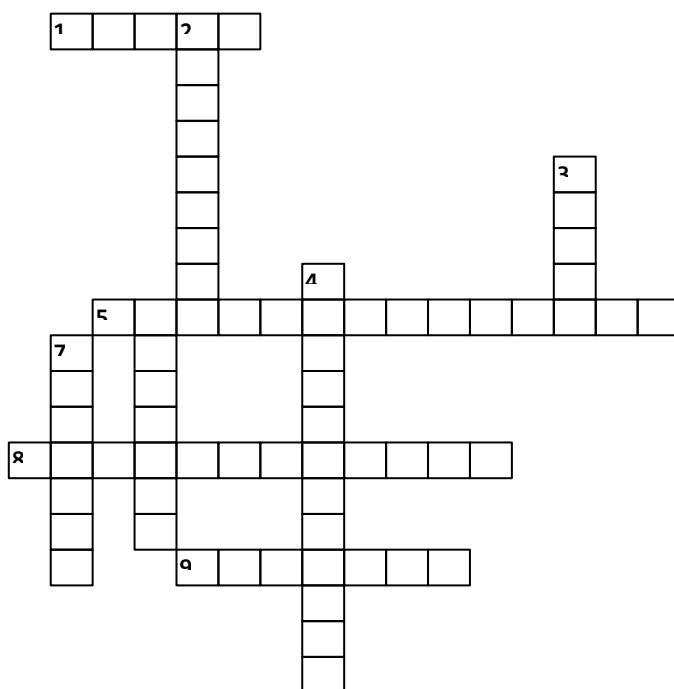
Puzzle:

Across

- a group of microorganisms having chlorophyll pigment
- a preservation method that help to store milk
- an antibiotic
- a product of fermentation by yeast

Down

- carrier of malarial parasite
- mushrooms belong to this group of microorganisms
- a bacterial disease that can spread through air
- a dangerous bacterial disease in cattle
- an important preservative used in pickles



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

(i) **Assertion (A):** Plant cells have a cell wall.

Reason (R): The cell wall provides rigidity and support.

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

(ii) **Assertion (A):** Spirulina is called the 'food of the future.'

Reason (R): It is rich in proteins, vitamins, and minerals

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

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: To show the process of fermentation.

In fermentation process yeast cells breakdown the sugar into alcohol and carbon dioxide gas.

Bubbles of carbon dioxide gas fill the gaps and as the gas rises up volume of the mixture increases.

- (i) Now take two test tubes and mark them A and B.
- (ii) Place these test tubes in test tube stand and fill them half with water.
- (iii) Dissolve a spoonful of sugar in each of the test tubes.
- (iv) Add a teaspoon full of yeast in test to B.
- (v) Inflate the two balloon several times to stretch them out and tie the deflated and stretched balloons on the mouth of each test tube keep them in warm place. Watch the setup every day for next 3- 4 days and record your observations.
- (vi) Remove the balloon from test tube B and pass the gas of balloon in a test room containing lime water by placing on its mouth.
- (vii) Observe the change in colour of lime water it will turn milky.

Answer the questions given below:

- a) Which gas is evolved during fermentation process?
- b) What are the factors that influence fermentation?

Q.6. Answer the following Short Answer Type Questions

1. How communicable diseases occur and spread?
2. Write two uses of Rhizobium.

3. Why are algae called as plant like organism?
4. Explain the usefulness of microbes in energy production, food, and soil fertility.
5. Give any four uses of microorganisms.

Q.7. Answer the following Long Answer Type Questions

1. Explain any 3 methods of food preservation.
2. Write in detail about the disease-causing microorganisms in plants.
3. Write a short note on fungi.
4. Differentiate between Vaccine and Antibiotics.
5. Complete the table given below:

Human disease	Pathogen	Mode of transmission	Preventive measures
(1) -----	Virus	Water	Keep patient in isolation
(2) Cholera	-----	-----	-----
(3) -----	Bacteria	-----	-----
(4) -----	-----	Mosquito	-----

Part-4 – Learning Homework

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



R.E.D.Group of Schools

Chapter-wise Revision Assignment- 3

Class: 8th
Ch.No:3
Ultimate Treasure

Subject: Science
Ch. Name: Health :The

For recapitulation & solving the assignment the students should refer to their textbook together with science.

Part-1 – for Vocabulary skills

Q.1. Define the following Key Terms:

- | | | |
|-------------------|---------------|----------------------------|
| (i) Nutrition | (ii) Hygiene | (iii) Exercise |
| (iv) Immunity | (v) Balance | (vi) Pathogens |
| (vii) Unicellular | (viii) Hyphae | (ix) Communicable diseases |
| (x) Hypertension | | |

Part-2 – Reading skills

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

Diabetes is a disease in which the body cannot properly control the level of sugar (glucose) in the blood. This happens when the body either does not produce enough insulin (a hormone that controls blood sugar) or cannot use insulin effectively. Persistently high blood sugar can damage the heart, kidneys, eyes, and nerves.

Symptoms of diabetes include high blood sugar levels, presence of sugar in urine, and increased thirst, frequent urination, fatigue, and unexplained weight loss.

The number of children with diabetes is steadily increasing, and India is now among the countries with the highest number of people affected by this disease. Earlier, 7 diabetes in children was mainly Type 1, caused when the body does not produce insulin. However, due to a combination of unhealthy eating habits, lack of physical activity, obesity, and hormonal imbalances, Type 2 diabetes is now becoming more common in children. Early diagnosis and adopting a healthy lifestyle are essential to protect children from diabetes

Answer the following Questions from the passage:-

1. What is diabetes, and how does it affect the body?
2. What are the common symptoms of diabetes mentioned in the paragraph?
3. Explain the difference between Type 1 and Type 2 diabetes in children and the factors causing Type 2 diabetes to become more common.

Part-3 – Application skills of Subject Tools & Concepts

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

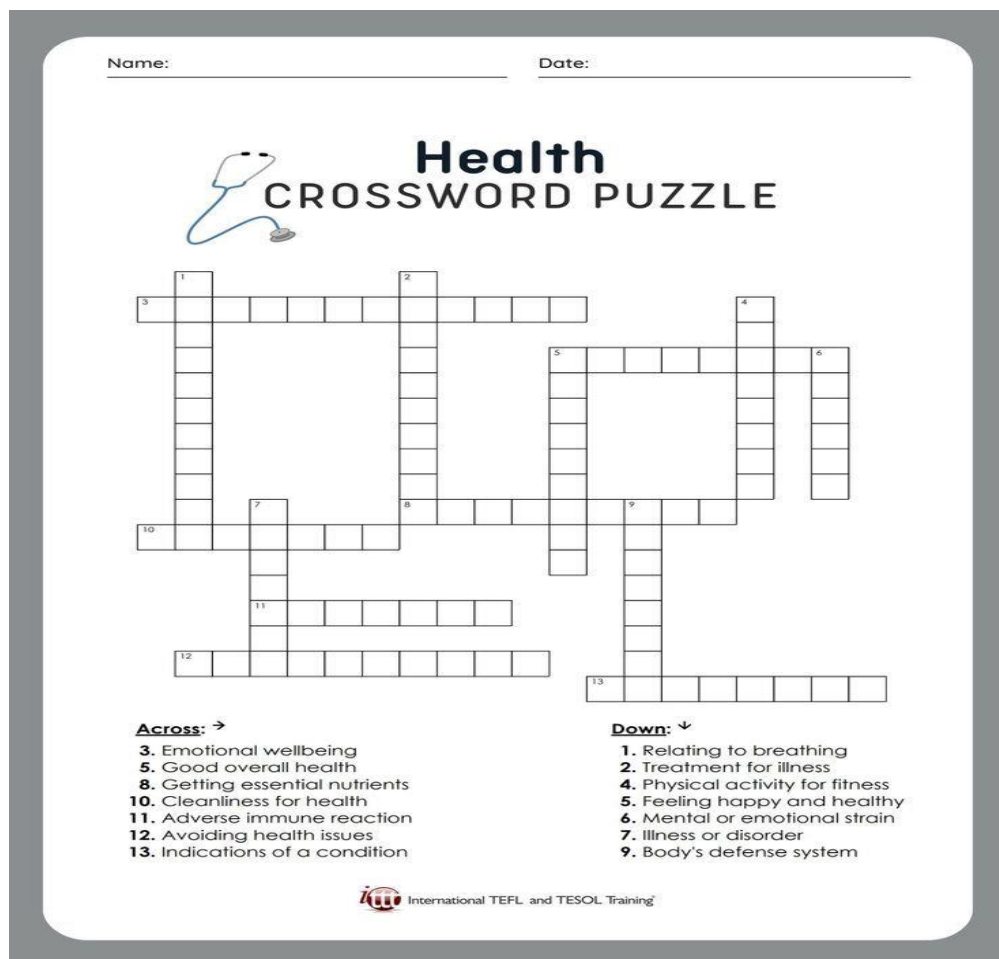
Diagram:

- a) Health Wheel
- b) Unicellular organism

Flowchart:

- a) Flow chart of balance diet.

Puzzle:



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

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

(i) Assertion (A): Hypertension is called a silent killer.

Reason(R): It shows no clear symptoms but can damage vital organs.

(ii) Assertion (A): Antibiotics cure diseases caused by viruses.

Reason(R): Antibiotics only kill bacteria..

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: To help students understand that good health is built through daily habits related to physical, mental, and social well-being.

Procedure:

Ask students to imagine that health is a treasure more valuable than gold.

On the paper, they draw a treasure map.

Each stop on the map represents a healthy habit.

Students label at least 6–8 stops, such as:

- Balanced diet
- Clean water
- Regular exercise
- Proper sleep
- Personal hygiene
- Positive thinking
- Avoiding junk food
- Spending time with family and friends

Answer the following Questions

1. Why is health compared to a treasure in the activity, and what does the treasure chest represent?
2. Name any three healthy habits shown on your Health Treasure Map and explain how each habit helps you stay healthy.
3. Which healthy habit on your map do you find the most difficult to follow? What steps can you take to improve it?

Q.6. Answer the following Short Answer Type Questions

1. Why is health called the ultimate treasure?
2. Name any four habits that help maintain good health.
3. What is the role of personal hygiene in staying healthy?
4. How does regular exercise contribute to good health?
5. Why is drinking clean water important for health?

Q.7. Answer the following Long Answer Type Questions

1. Explain how balanced nutrition affects both the body and mind.
2. Describe two ways in which mental health can be protected and improved.
3. Imagine you are creating a “Health Treasure Map.” Name at least five stops (healthy habits) you would include and explain why.
4. A friend skips breakfast every day and spends most of the day sitting and playing video games. Suggest three changes they can make to improve their health.
5. How can health be protected like a treasure even during busy school or work schedules?

Part-4 – Learning Homework

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



R.E.D. Group of Schools

Summer Holidays Homework

Session: 2026-27

CLASS – 8th

Subject: Sanskrit

Text Book: दीपकम्

1. 30 मई के अंत तक पढ़ाया गया पाठ्यक्रम दीपकम्
 अध्याय संख्या-1 अध्याय का नाम-संगच्छध्वं संवध्वम्
 अध्याय संख्या-2 अध्याय का नाम-अल्पानामपि वस्तूनां संहतिः कार्यसाधिका
 अध्याय संख्या-3 अध्याय का नाम-सुभाषितरसं पीत्वा जीवनं सफलं कुरु
 अध्याय संख्या-4 अध्याय का नाम- 'प्रणम्यो दे' भक्तोऽयं गोपबन्धुर्महामनाः
 व्याकरण-शब्द रूप-वारि, राजन्
 धातु रूप-भू, गम्
2. मई के अंत तक सिखाई गई सभी नई अवधारणाओं(Concepts)की सूची-
 - कहानी लेखन
 - तत्सम शब्द लेखन
 - प्रश्न निर्माण
 - सन्धि/संयोग
 - संस्कृत वाक्य निर्माण
 - उपपद विभक्ति
 - लकार परिवर्तन
 - विलोम व पर्यायवाची शब्द
3. ग्रीष्मावकाश हेतु गृहकार्य-
 पठन एवं वाचन गृह कार्य
 ○ अनुभाग क-पठन गृहकार्य
 ○ अनुभाग ख-वाचन गृहकार्य
 ○ अनुभाग ग-पूर्व पठन गृहकार्य
 लेखन गृहकार्य
 ○ अनुभाग घ-पाठ के अनुसार पुनरावृत्ति कार्यपत्र
 ○ अनुभाग ङ-परियोजना कार्य
4. गृहकार्य करने के लिए आवश्यक उपकरण-
 - दीपकम्
 - उत्तरपुस्तिका
 - गतिविधि के अनुसार संसाधन
5. पठन एवम् वाचन गृहकार्य हेतु दिशानिर्देश।
 अनुभाग क -पठन गृहकार्य
 ○ पठन के लिए पुस्तक दीपकम् संस्कृत में दी गई कहानी 'अल्पानामपि वस्तूनां संहतिः कार्यसाधिका' को पढ़ें और पढ़कर आपको जो शिक्षा मिले, उस शिक्षा को अपने जीवन का आधार बनाएँ।
 ○ अनुभाग ख -वाचन कौशल
 विद्यार्थी को निम्नलिखित विषय पर अभ्यास करना है।
 पाठ 1 'संगच्छध्वं संवध्वम्' से किसी एक श्लोक का सस्वर गायन करके अर्थ सहित ऑडियो बनाकर अपने संस्कृत अध्यापक के पास भेजें :-
 ○ अनुभाग ग-विद्यार्थी निम्नलिखित पाठों का पूर्व पठन करें व कठिन शब्द रेखांकित करें।
 अध्याय संख्या-5 अध्याय का नाम-गीता सुगीता कर्तव्या

अध्याय संख्या-6

अध्याय का नाम-डिजिभारतम्-युगपरिवर्तनम्

अध्याय संख्या-7

अध्याय का नाम-मञ्जूलमञ्जूषा सुन्दरसुरभाषा

6. लेखन गृहकार्य हेतु दिशा-निर्देश-
अनुभाग घ-पाठ के अनुसार दिए गए पुनरावृत्ति कार्यपत्र- मधु शब्द रूप, पा व स्था धातु A 4 Size Sheet पर लिखें।
अनुभाग ङ-परियोजना कार्य
पाठ-5 समाज सेवा से संबंधित कहानी को चित्र द्वारा स्पष्ट करें। (A 4 Size Sheet)
संगति, मित्रता, विद्या-इनमें से किसी एक विषय पर 5 संस्कृत श्लोक अर्थ सहित लिखें। (A 4 Size Sheet)
7. संस्कृत गृहकार्य के लिए अंकन योजना
अनुभाग क-पठन गृहकार्य
पुस्तक समीक्षा 4 अंक
अनुभाग ख-वाचन गृहकार्य
- छात्रों द्वारा Whatsapp पर साझा की गई ऑडियो 4 अंक
 - अनुभाग ग- पूर्व पठन गृहकार्य
 - अर्थ सहित पाठ के कठिन शब्द 4 अंक
 - अनुभाग घ-पाठ के अनुसार पुनरावृत्ति कार्यपत्र 4 अंक
 - अनुभाग ङ-परियोजना कार्य 4 अंक
 - संस्कृत विषय के गृहकार्य के कुल अंक 20 अंक



R.E.D. Group of Schools

Revision Assignment No.1

Subject: Sanskrit

CLASS – 8

- पाठ—1 पाठ का नाम— संगच्छध्वं संवध्वम्, अल्पानामपि वस्तूनां संहतिः कार्यसाधिका
पाठ— 2 बिलस्य वाणी न कदापि मे श्रुता
वारि शब्द रूप, भू धातु रूप

Part- 1 (Vocabulary Skill)

- प्रश्न—1. निम्नलिखित शब्दों के अर्थ लिखिए।
(क) संगच्छध्वम् (च) अक्रन्दन्
(ख) मनांसि (छ) सम्भूय
(ग) देवारू (ज) विस्तीर्य
(घ) यथा (झ) अवलोक्य
(ङ) सञ्जानानाः (ञ) अवलम्बय
- प्रश्न—2. निम्नलिखित शब्दों के पर्यायवाची शब्द लिखिए।
(क) भग्नः
(ख) संवदध्वम्
- प्रश्न—3. निम्नलिखित शब्दों के विलोम शब्द लिखिए।
(क) संहिता
(ख) युष्माकं

Part- 2 (Reading Skill)

- प्रश्न—4. निम्नलिखित गद्यांश पठित्वा प्रश्नानाम् उत्तराणि लिखत—
अल्पानामपि वस्तूनां सहान्तिः कार्यसाधिकाः। यथा तृणैः बद्धः घटः न निमज्जति, सूत्रैः संयोजितानि पुष्पाणि हारं कुर्वन्ति। एवमेव मनुष्याः अपि यदि परस्परं सहयोगं कुर्वन्ति, तर्हि ते महत् कार्यं साधयितुं समर्थाः भवन्ति। अतः एकता बलं भवति, विभक्ताः दुर्बलाः भवन्ति।
उपरोक्त गद्यांश से निम्नलिखित प्रश्नों के उत्तर दीजिए।
(क) 'अल्पानामपि वस्तूनां सहान्तिः कार्यसाधिकाः' इत्यस्य भावार्थः कः?
(ख) तृणैः बद्धः घटः किमर्थं न निमज्जति?
(ग) सूत्रैः संयोजितानि पुष्पाणि किं कुर्वन्ति?
(घ) मनुष्याः कथं महत् कार्यं साधयितुं समर्थाः भवन्ति?

Part- 3 (Application Skill)

- प्रश्न—5. प्रश्नानाम् उत्तराणि एक पदेन लिखत—
(क) सर्वेषां मनः कीदृशं भवेत्?
(ख) अस्मिन् पाठे का पेरणा अस्ति?
(ग) कः हितोपदे"स्य कथां श्रावयति?
(घ) मित्राणि ग्रीष्मावका"ी कुत्र गच्छन्ति?
(ङ) कपोतराजस्य नातः किम्?
- प्रश्न—6. रेखांकित पदानि आधृत्य प्रश्न निर्माणम् कुरुत—
(क) परमे"वरः सर्वत्र व्याप्तः अस्ति।
(ख) वेदस्य अपरं नाम श्रुतिः।
(ग) अयं पाठः ऋग्वेदात् सङ्कलितः।
(घ) मन्त्राः वेदेषु भवन्ति।
(ङ) अयं समाजाय श्रमं करोमि।
- प्रश्न—7. प्रश्नानाम् उत्तराणि पूर्णवाक्येन लिखत—
(क) सर्वे उच्चस्वरेण किं प्रार्थयन्तः?
(ख) किं नीतिवचनं प्रसिद्धम्?
(ग) कपोताः कथं आत्मरक्षणं कृतवन्तः?

प्रश्न-8. निम्नलिखित वारि शब्द रूप आधारित रिक्त-स्थानों को पूर्ण कीजिए-

यष्मद् शब्द रूप

विभक्ति:	एकवचनम्	द्विवचनम्	बहुवचनम्
प्रथमा	वारि	.....	वारीणि
द्वितीया	.....	वारिणी	वारीणि
तृतीया	वारिणा	.....	.....
चतुर्थी	वारिणे	वारिभ्याम्	वारिभ्यः

प्रश्न-9. निम्नलिखित भू धातु रूप आधारित रिक्त-स्थानों को पूर्ण कीजिए-

भू धातु रूप

लोट् लकार

विभक्ति:	एकवचनम्	द्विवचनम्	बहुवचनम्
प्रथमः	भवतु	.....	भवन्तु
मध्यम्	.....	भवतम्	भवत
उत्तमः	.....	.....	.....

Part- 4 (Learning Homework)

याद करने हेतु गृहकार्य - पाठ-1 संगच्छध्वं संवध्वम्

पाठ-2 अल्पानामपि वस्तूनां संहतिः कार्यसाधिका - 1-4 तक प्र"न याद कीजिए।



R.E.D. Group of Schools

Revision Assignment No.2

Subject: Sanskrit

CLASS – 8

पाठ-3

पाठ-4

पाठ का नाम— सुभाषितरसं पीत्वा जीवनं सफलं कुरु
प्रणम्यो दे० भक्तोऽयं गोपबन्धुर्महामनाः
राजन् शब्द रूप, गम् धातु रूप

Part- 1 (Vocabulary Skill)

प्रश्न-1. निम्नलिखित शब्दों के अर्थ लिखिए।

- | | |
|---------------|----------------|
| (क) निघर्षणम् | (च) अनाहारेण |
| (ख) ताडनै | (छ) बुभुक्षितः |
| (ग) शीलेन | (ज) दौर्लभ्यम् |
| (घ) दमः | (झ) लीयताम् |
| (ङ) अभ्युपैति | (ञ) गर्तमालिका |

प्रश्न-2. निम्नलिखित शब्दों के पर्यायवाची शब्द लिखिए।

- (क) नष्टानिः
(ख) किल

प्रश्न-3. निम्नलिखित शब्दों के विलोम शब्द लिखिए।

- (क) शुल्कम्
(ख) नम्राः

Part- 2 (Reading Skill)

प्रश्न-4. निम्नलिखित गद्यांशम् पठित्वा प्रश्नानाम् उत्तराणि लिखत—

परमायो देशभक्तोऽयं गोपबन्धु महाराजः आसीत्। सः ओडिशाराज्यस्य महान् समाजसेवकः देशसेवकश्च आसीत्। सः स्वजीवनं राष्ट्रसेवायै समर्पितवान्। जनानां दुःखं दृष्ट्वा सः सदा तेषां साहाय्यं करोति स्म। शिक्षायाः प्रसारे सः विशेषं योगदानं दत्तवान्। निर्धनानां सेवायां सः आत्मानं पूर्णतया नियोजितवान्। तस्य जीवनं त्यागस्य, सेवायाश्च आदर्शरूपम् आसीत्।

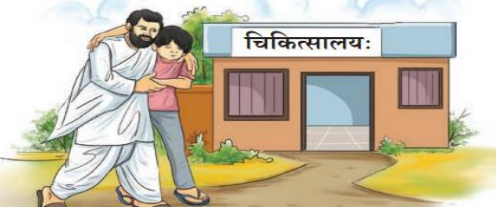
- (क) गोपबन्धु महाराजः कस्य राज्यस्य आसीत्?
(ख) सः कः आसीत्?
(ग) गोपबन्धु महाराजः जनानां साहाय्यं कथं करोति स्म?
(घ) शिक्षायाः विषये तस्य किम् योगदानम् आसीत्?

Part- 3 (Application Skill)

प्रश्न-5. प्रश्नानाम् उत्तराणि एक पदेन लिखत—

- (क) कः वसन्ततस्य गुणं वेत्ति?
(ख) मूषकः कस्य बलं न वेत्ति?
(ग) गोपबन्धुः महाराजः कस्य सेवायां जीवनं अर्पितवान्?
(घ) गोपबन्धुः महाराजः कस्य आदर्शः आसीत्?
(ङ) गोपबन्धुः महाराजः कस्य हिताय कार्यं अकरोत्?

प्रश्न-6. चित्र को देखकर वाक्य लिखिए संस्कृत में वाक्य लिखिए —



प्रश्न-7. प्रश्नानाम् उत्तराणि पूर्णवाक्येन लिखत-

- (क) तरवः कदा नम्राः भवन्ति?
 (ख) गोपबन्धुः कुत्र जन्म लब्धवान्?
 (ग) सत्यम् कदा सत्यम् न भवति?

प्रश्न-8. निम्नलिखित धातु रूप आधारित रिक्त-स्थानों को पूर्ण कीजिए-

गम् धातु रूप

लट्लकारः

पुरुषः	एकवचनम्	द्विवचनम्	बहुवचनम्
प्रथमः	गच्छति	.....	गच्छन्ति
मध्यमः	.....	गच्छथः	गच्छथ
उत्तमः	गच्छामि	.....	.....

प्रश्न-9. निम्नलिखित शब्द रूप आधारित रिक्त-स्थानों को पूर्ण कीजिए-

राजन् शब्द रूप

विभक्ति	एकवचन	द्विवचन	बहुवचन
प्रथमा	राजा	.....	.....
द्वितीया	.....	राजानौ	राज्ञः
तृतीया	.....	राजभ्याम्	राजभिः
चतुर्थी	राज्ञे	राजभ्याम्	.....
पञ्चमी	.....	.....	राजभ्यः
षष्ठी	राज्ञः	राज्ञोः	राज्ञाम्
सप्तमी	.....	.....	राजसु
संबोधन	हे राजन्!	हे राजानौ!	हे राजानः!

Part- 4 (Learning Homework)

याद करने हेतु गृहकार्य - पाठ-3 सुभाषितरसं पीत्वा जीवनं सफलं कुरु

पाठ-4 प्रणम्यो दे"भक्तोऽयं गोपबन्धुर्महामनाः -1-4 से तक प्रश्न याद कीजिए।



R.E.D. Group of Schools

Summer Holidays Homework

SESSION: 2026-27

CLASS – 8th

Subject: Computer Science

Text Book: Touchpad

1. Tools required for doing Homework:

- Text Book - Touchpad
- Notebook -
- A₄ Sheets
- Resources as per project

2. Syllabus Covered upto MAY END

- Chapter No.- 1 Chapter Name- Computer Networking
- Chapter No.- 2 Chapter Name- Introduction to Adobe Photoshop CC

3. List of all new concepts taught upto MAY END

- Computer Networking
- Need for Computer Networking
- Advantage of Computer Network
- Components of a Network
- Network Terminologies
- Devices require for a network
- Types of Network
- Topology
- Network Architecture
- Wireless Networking Technology
- Protocol
- Introduction to Adobe Photoshop CC
- Features of Adobe Photoshop CC
- Opening Adobe Photoshop CC 2018
- Creating a New Document
- Adobe Photoshop CC 2018 Interface
- Opening an Image in Photoshop
- Placing an image in an existing document
- Tools in Photoshop

4. Section-wise Holiday's Homework:

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

Part-II — Guidelines for Reading & Speaking Home work.

5. Instruction/Guidelines for Reading Homework:

- **Section–A : Pre-Reading Homework**
 - Do the Pre-Reading of Chapter No. 3 (Page No. 45 – 59)

6. Instruction/Guidelines for Written Homework:

- **Section–B : Do the given Assignment on A4 sheets.**
- **Section–C : Creative Project/ Models**
 - Topic: Roll no 1 to 8 (Bus Topology)
 - Topic: Roll no 9 to 16 (Tree Topology)
 - Topic: Roll no 17 to 24 (Star Topology)
 - Topic: Roll no 25 to 31 (Wide Area Network)
 - Topic: Roll no 32 and Above (Client-Server Network Architecture)

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

- **Section-A : Pre-Reading HW**
 - Difficult words & their meanings on A4 sheets **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. Rules for Submission & Assessment of Home work :

- All students must submit their vacation Homework of All Subjects for Assessment by teacher on 1st July 2026 by all means.
- Five marks will be deducted for per day of delay after 1st July 20256
- If some part of Homework is submitted later then either it will not be accepted as submitted on the initial date & marks be deducted for that.
- However, if a student request to submit the pending part of Homework later then the entire content of homework submission should be treated as submitted on the later date of submission of content & be assessed for that later date.



R.E.D.Group of Schools

Chapter-wise Revision Assignment- 1

Class: 8th
Ch. No. : 1

Subject: Computer Science
Ch. Name: Computer Networking

Part-1 – for Vocabulary skills

Q.1. Define the following Key Terms:

- (i) Computer Networking
- (ii) Server
- (iii) Client
- (iv) NIC
- (v) Internet
- (vi) URL
- (vii) Intranet
- (viii) ISP
- (ix) IP Address
- (x) DNS

Part-2 – Reading skills

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

Passage

The capability of a transmission medium to transmit the maximum amount of data from one computer to another over a computer network in a given amount of time is called bandwidth. A bandwidth is generally in bits per second (bps) or Bytes per second (Bps), Kilobytes per second (Kbps) and Megabytes per second (Mbps). There can be various types of bandwidths which are network bandwidth, data bandwidth, or digital bandwidth.

Answer the following Questions from the passage:-

(A) What is the full form of KBPS?

Ans : _____

(B) What are the types of bandwidth?

Ans: _____

(C) What is bandwidth ?

Ans: _____

Part-3 – Application skills of Subject Tools & Concepts

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

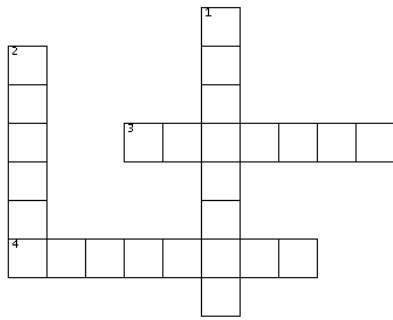
Diagram/Picture:

- a) Draw the diagram of LAN.
- b) Draw the diagram of Mesh Topology.

Flowchart:

- a) Make Client – Server architecture.

Puzzle:



ACROSS

3. A Group of interconnected computer systems.
4. The Geometric arrangement of computers or noted in a network.

DOWN

1. A set of rules that governs the communication between the computer on a network
2. A computer which depends on the server for all the resources

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

Assertion (A): Server is also called host computer.

Reason(R): Dedicated server is a type of server.

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

ii) Solve the following Assertion /Reasoning based questions

Assertion (A): Bluetooth is a technology that enables wireless communication.

Reason(R): Wi-Fi is the most popular wireless communication technology used for homes.

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

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

- To save a file:
- Undo:

Q.6. Answer the following Short Answer Type Questions

- What is webpage?
- What is hyperlink?
- What is link?
- What is hypertext?
- What is bandwidth?

Q.7. Answer the following Long Answer Type Questions

- What is Wi-Fi?
- What is Protocol?
- What is Bluetooth?
- What is Gateway?
- What is topology?

Part-4 – Learning Homework

- Learning Homework:** Learn short and long Q. Ans. of ch.1 From Text Book/Notebook. Pg No. 20



R.E.D.Group of Schools

Chapter-wise Revision Assignment- 2

Class: 8th
Ch. No.: 2

Subject: Computer Science
Ch. Name: Intro. to Adobe Photoshop CC

Part-1 – for Vocabulary skills

Q.1. Define the following Key Terms:

- | | | |
|----------------|---|-------|
| a) Pixel | - | _____ |
| b) Spectacular | - | _____ |
| c) Resolution | - | _____ |
| d) Layer | - | _____ |
| e) Distorting | - | _____ |
| f) Marquee | - | _____ |
| g) Perspective | - | _____ |
| h) Exported | - | _____ |
| i) Horizontal | - | _____ |
| j) Rasterizing | - | _____ |

Part-2 – Reading skills

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

Passage

It is difficult to edit an image with software like Paint. This is where the role of Adobe Photoshop comes. You can transform an ordinary image into a spectacular graphic image with the help of Photoshop. You can crop, resize, edit the color patterns, form collages, make flyers and images for print as well as for posting on the web. Adobe Photoshop CC is a graphics designing software which creates a virtual studio for artists and designers. It is used by graphics designers, professional photographers and independent users to edit designs as well as create and manipulate images. Photoshop was originally created in 1988 by two brothers, Thomas and John Knoll. Later on, it was developed and published by Adobe Systems for Windows and Macintosh.

a) What does CC stands for?

Ans: _____

b) Who has developed Photoshop?

Ans: _____

c) What can we do with Adobe Photoshop?

Ans: _____

Part-3 –Application skills of Subject Tools & Concepts

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

Diagram/Picture:

a) Draw the component window of Adobe Photoshop CC.

Match Up:

Column A	Column B
1. 	a. Lasso Tool
2. 	b. Polygon Lasso Tool
3. 	c. Quick Selection Tool
4. 	d. Rectangular Marquee Tool
5. 	e. Move Tool

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

- (i) Assertion (A): Photoshop provides a tool called Move Tool to Move object around the surface.
Reason(R): Move Tool allow you to a move a selection by dragging with your mouse.
- 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): Color Replacement tool replace duplicate color of an image.
Reason(R): Pencil tool use to create design or lines with option to change color, opacity, intensity and pencil Diameter.
- 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) To deselect : _____
- (ii) To activate Lasso Tool : _____

Q.6. Answer the following Short Answer Type Questions

- a. What do you mean by Pixel?
- b. Define the Paint Bucket tool.
- c. What do you mean by layer?
- d. What is the extension of Photoshop?
- e. Which selection tool work like a pencil?

Q.7. Answer the following Long Answer Type Questions

- a. What is selection tool? Write the names of any two selection tool.
- b. What is role of the Slice tool when we are talking about a website?
- c. How will you work with Quick selection Tool?
- d. Name few Blending tool brush combination of Mixer Brush Tool. Write the steps to use the Mixer
- e. Brush Tool.
- f. What is the use of Crop tool? What are the step to crop an image?

Part-4 – Learning Homework

- **Learning Homework:** Learn short & long Q. Ans. of Ch- 2 on page no. 43 and Read Page 22 to 41 From Text Book/Notebook.