

PM SHRI KENDRIYA VIDYALAYA RAIPUR No.- 1 (shift-2)

Session 2025-26

Summer Vacation Homework

Class – 9th

SUBJECT - ENGLISH LANGUAGE AND LITERATURE-184

A. READING:

1. Read LESSON 2 and 3 (ADVENTURES OF TOTO & ISWARAN THE STORYTELLER) Of MOMENTS book
2. Read a novel of your choice.
3. Recite and learn two poems- The Road Not Taken and WIND of BEEHIVE Book.

B. WRITING:

1. Summarize the poems you read above in your own words, find out the poetic devices used in the poem.
2. Write the Answers to the questions given in ADVENTURES OF TOTO in your notebook.
3. Prepare a note of 5 HEADLINES (only positive news) from any ENGLISH NEWSPAPER for 15 days and write the new words with their meanings and make 1 sentence from each word.
4. Prepare a TENSE CHART with proper sentence structure and examples.
5. Write a diary entry about a memorable experience from your summer vacation and the new things you tried or learnt recently

C. LISTENING:

1. Listen to the English news channels daily for preparing HEADLINES asked above.

D. SPEAKING:

Prepare a speech on “My Vision For India”.

विषय - हिंदी

1. निम्नलिखित में से किसी एक विषय पर लगभग 100 से 150 शब्दों में एक अनुच्छेद लिखिए।

(क) स्वच्छ भारत- स्वस्थ भारत'

(ख) मेरे सपनों का भारत

2. अपने छोटे भाई को योग का महत्व बताते हुए पत्र लिखो।

3. 'स्वच्छ भारत अभियान' को सफल बनाने की अपील करते हुए नवभारत टाइम्स दैनिक समाचार-पत्र के संपादक को पत्र लिखिए।

4. कृतिका पुस्तक से इस "जल प्रलय में " पाठ पढ़कर पूछे गए प्रश्नों के उत्तर लिखिए।

5. दो हिंदी कविता याद कर नोटबुक में लिखे।

6. प्रतिदिन हिंदी न्यूज देखे एवं दैनिक समाचार पत्र या अन्य हिंदी पुस्तकों का अध्ययन करें।

SUBJECT – SOCIAL SCIENCE

1. Make a project on Disaster Management. It should be done in file format but no plastic file will be used. In place of plastic stick file, it should be self made drawing paper file.
2. Complete your Social Science Notebook in aspects.
3. Make 20 objective type questions each from Economics-The Village of Palampur, History-The French Revolution, Geography-India, Size and Location, Political Science-What is Democracy? Why Democracy?
4. Find 10 keywords from the first chapter of History, Political Science, Economics and Geography and explain them in your own words.
5. On the political map of India, mark the Indian Standard Timeline, the east-west and north-south extension (coordinates), the great Himalayas, the three water bodies, the two group of islands and our neighbouring countries.

SUBJECT - SCIENCE

Write answers of the following questions in your science notebook in the homework section. (Make a separate index for homework section in the notebook)

MULTIPLE CHOICE QUESTIONS

1. CO_2 can be easily liquified and even solidified because
 - (a) It has weak forces of attraction
 - (b) It has comparatively more force of attraction than other gases
 - (c) It has more intermolecular space
 - (d) It is present in atmosphere.
2. Which of the following has highest kinetic energy?
 - (a) Particles of ice at 0°C
 - (b) Particles of water at 0°C
 - (c) Particles of water at 100°C
 - (d) Particles of steam at 100°C
3. Which of the following is most suitable for summer?
 - (a) Cotton
 - (b) Nylon
 - (c) Polyester
 - (d) Silk.
4. The colour of vapours formed on sublimation of iodine solid is
 - (a) Purple (violet)
 - (b) Colourless
 - (c) Yellow
 - (d) Orange
5. Under which of the following conditions we can boil water at room temperature?
 - (a) At low pressure
 - (b) At high pressure
 - (c) At very high pressure
 - (d) At atmospheric pressure
6. Which of the following does not affect rate of evaporation?
 - (a) Wind speed
 - (b) Surface area
 - (c) Temperature
 - (d) Insoluble heavy impurities
7. Kinetic energy of molecules is directly proportional to
 - (a) Temperature
 - (b) Pressure
 - (c) Both (a) and (b)
 - (d) Atmospheric pressure

Assertion and Reason

a.) Both Assertion and Reason are correct, and reason is the correct explanation for assertion.

b.) Both Assertion and Reason are correct, and Reason is not the correct explanation for Assertion.

c.) Assertion is true but Reason is false.

d.) Both Assertion and Reason are false.

8.) **ASSERTION**-Sugar and Salt both are easily dissolved in water.

REASON – Sugar and Salt are solid hence it is easily dissolved in water.

9.) **ASSERTION**-Dilution of any colored compound in water shows light color than original color of compound.) (hint- potassium permanganate dissolve in water)

REASON-when dilution is done by water the quantity of particle getting decreases by dilution hence it shows light color.

10) **ASSERTION**-Particles of matter held together by making any state.

REASON-intermixing of particles of two different type of matter on there own is called diffusion.

SHORT ANSWER QUESTIONS

1. Why do we see water droplets collected on the outer surface of a glass container, containing ice?

2. Explain why solids have fixed shape but liquids and gases do not have fixed shape.

3. Why are solids generally denser than liquids and gases?

4. How is the high compressibility property of gas useful to us?

5. With the help of an example, explain how diffusion of gases in water is essential?

6. On a hot sunny day, why do people sprinkle water on the roof or open ground?

7. Why to people perspire a lot on a hot humid day?

8. A balloon when kept in sun, bursts after some time. Why?

9. Pressure and temperature determine the state of a substance. Explain this in detail.

10. Explain giving examples the various factors on which rate of evaporation depends.

- **Revise all the topics covered in classroom**

- **Make a portfolio for science in the given format in scrapbook.**

write 2 questions from chapter Matter in our surroundings **excluding** blue questions and exercise questions and write answers also in the portfolio.

SUBJECT- SANSKRIT

1. पत्र लेखनम् - औपचारिक 2

अनौपचारिक 2

2. अपठित गद्यांश प्रश्नोत्तराणि 2

3. चित्र वर्णनम् 5 संस्कृत वाक्य

4. शब्दरूप - बालक, कवि, साधु, भवत् (भवान्) लता नदी फलअस्मद् युष्मद्
तत् किम् तीनों लिंगो मे

5. धातु रूप - 5 लकारो में- भू, गम्, अस्, कृ, नी

6. विद्यालय पत्रिका के लिए निम्नलिखित में से कोई 2

- संस्कृत संवाद
- संस्कृत लघु कथा
- सूक्ति संग्रह
- संस्कृत निबंध
- संस्कृत प्रहेलिका:
- संस्कृत हसिका: (चुटकुले)

SUBJECT- MATHEMATICS

Que.1 State whether the following statements are true or false. Justify your answer.

- (i) Every Rational number is a real number.
- (ii) Every rational number is a whole number.
- (iii) Every integer is a rational number.

Que.2. Insert a rational number between $\frac{2}{9}$ and $\frac{3}{8}$.

Que.3 Insert three rational number between $-\frac{1}{3}$ and $-\frac{1}{2}$ and arrange in descending order.

Que. 4. Locate $\sqrt{10}$ and $\sqrt{17}$ on number line.

Que.5. Write the decimal expansion of each of the following numbers and Say what kind of decimal expansion each has.

- (i) $\frac{5}{2}$ (ii) $\frac{6}{15}$ (iii) $\frac{7}{80}$

Que. 6. Without actually performing the long division state whether the following rational numbers will have a terminating decimal expansion or non terminating repeating decimal expansion.

- (i) $\frac{1258}{625}$ (ii) $\frac{77}{210}$
(ii) $\frac{13}{3125}$ (iv) $\frac{15}{1600}$

Que. 7. Express the following in the form $\frac{p}{q}$ where P and q are integers and q is not equal to zero.

- (i) 5.2222.... (ii) 0.404040---
(iii) 0.134343434... (iv) 69.634

Que.8. Classify the following as rational or irrational.

- (i) $\sqrt{29}$ (ii) $\sqrt{256}$ (iii) 0.3796
(iv) 7.478478.... (V) 1.101001000....

Que.9. Insert following.

(i) One irrational number between $\frac{2}{5}$ and $\frac{1}{2}$.

(ii) one irrational number between 0 and 0.1

(iii) Two irrational number between 2 and 3.

Que.10. Find one rational number between $\sqrt{2}$ and $\sqrt{3}$.

Que. 11. State which of the following are rational or irrational.

(i) $\sqrt{4}/\sqrt{9}$

(ii) $-3/7$

(iii) $\sqrt{7}/\sqrt{25}$

(iv) $-\sqrt{3} / \sqrt{3}$

(V) $\sqrt{5}$

Que. 12. Rationalize the followings.

(i) $3\sqrt{5}/4$

(ii) $3 / (4-\sqrt{7})$

(iii) $1 / (\sqrt{5} + \sqrt{2})$

Que13. Simplify

(i) $6\sqrt{3} \times 3\sqrt{3}$

(ii) $3/\sqrt{8} + 1/\sqrt{2}$

(iii) $(5 + \sqrt{7}) (2 + \sqrt{5})$