



**SHRI GURU NANAK H/S PUBLIC SCHOOL, RUDRAPUR**  
**WINTER HOLIDAYS HOMEWORK 2024-25**

NAME - \_\_\_\_\_

CLASS - VI SEC. \_\_\_\_\_

**ENGLISH**

- Q1. Write a paragraph on the Sports Meet held in your school recently and express your experience and ideas with the help of Facebook post of our School.
- Q2. Write an application to the Principal for five days leave, as you are sick. (3 times)
- Q3. Learn the verb forms (50) and write them in your English Language notebook.
- Q4. Learn Chapter 6 & 7. (A Pact with the Sun)
- Q5. Make a beautiful New Year card for your grandparents and write a few lines expressing your love and affection for them.

**हिंदी**

1. "जीवन में आगे बढ़ने के लिए भाग्य और परिश्रम में से किसी एक को अधिक महत्व देंगे" इस विषय पर 100 से 120 शब्दों में अनुच्छेद लिखिए।
  2. भविष्य के निर्माण में हमें अतीत में जीना चाहिए या वर्तमान में। इस विषय पर दो मित्रों के बीच संवाद लिखिए।
  3. सभी स्वरों की मात्राओं को A 4 शीट पर लिखे और हर मात्रा का प्रयोग करते हुए कम से कम 3 वर्णों के दस शब्द लिखें। (पेज नंबर 6)
  4. अपनी पाठ्य पुस्तक में से 1 से 12 तक लोकोक्तियाँ लिखिए। (पेज न. 128-129)
  5. पर्यायवाची शब्द तीन बार लिखिए। पेज न. 25, 26
- नोट- सारा कार्य हिन्दी व्याकरण कार्यपुस्तिका में करे।

**MATHS**

- Q: 1 Write tables from 2 to 20 and learn.
- Q: 2 Find the Perimeter and Area with given dimensions.
- |  |   |
|--|---|
| a) $L = 5\text{ cm}$ $B = 4\text{ cm}$ | b) $L = 12\text{ cm}$ $B = 2.4\text{ cm}$ |
| c) Side of square = $12\text{ cm}$     | d) Side of square = $4.5\text{ cm}$       |
- Q: 3 Find perimeter of each of the following:
- a) An equilateral triangle of side  $4\text{ cm}$ .
  - b) An isosceles triangle with equal side  $5\text{ cm}$  each and third side  $4\text{ cm}$ .
  - c) A triangle of sides  $4\text{ cm}$ ,  $5\text{ cm}$  and  $6\text{ cm}$ .
- Q: 4 A rectangular piece of plot is  $400\text{ m}$  long and  $300\text{ m}$  wide. Each side needs to be fenced by 3 rounds of wires. What is the length of the wire needed?
- Q: 5 What is the area of a rectangle if
- |  |  |
|--|--|
| a) its length and breadth are doubled? | b) its length is doubled and breadth is tripled? |
|--|--|
- Q: 6 Write the statement in mathematical forms:
- |                               |  |
|-------------------------------|--|
| a) The sum of $m$ and $5$     | f) $7$ more than $x$                         |
| b) Increase $x$ by $9$        | g) $5$ divided by $m$                        |
| c) Subtract $9$ from $y$      | h) Decrease $m$ by $4$                       |
| d) The product of $9$ and $y$ | i) $m$ times $n$                             |
| e) $5$ divided by $m$         | j) $a$ divided by $x$ is subtracted from $5$ |
- Q: 7 Write mathematical statement in words for each of the following
- |             |             |         |                   |
|-------------|-------------|---------|-------------------|
| a) $2x + 5$ | b) $2p - 6$ | c) $xy$ | d) $\frac{x}{10}$ |
|-------------|-------------|---------|-------------------|
- Q: 8 The side of an equilateral triangle is  $m$ . Find the perimeter of triangle in terms of  $m$ .
- Q: 9 Solve the equation and check
- |                |                 |                |                        |                   |
|----------------|-----------------|----------------|------------------------|-------------------|
| a) $X + 3 = 5$ | b) $7 - 2x = 6$ | c) $17x = -85$ | d) $\frac{x}{10} = 20$ | e) $5x + 10 = 15$ |
|----------------|-----------------|----------------|------------------------|-------------------|
- Q: 10 Find the ratio of the following:
- |                                       |                                    |                                       |
|---------------------------------------|------------------------------------|---------------------------------------|
| a) $38\text{ cm}$ to $26\text{ cm}$   | c) $100\text{ cm}$ to $1\text{ m}$ | e) $30\text{ min}$ to $60\text{ min}$ |
| b) $10\text{ min}$ to $1\text{ hour}$ | d) $50$ paise to $\text{Rs. } 5$   |                                       |
- (Q 11 & Q12 are Assertion Reason Based, Choose the correct option from the following.)**
- 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: 11 Assertion: Length of rectangle  $15\text{ m}$  and breadth is  $10\text{ m}$  then the area of rectangle is  $150\text{ cm}^2$ .  
 Reason: Area of rectangle = length  $\times$  breadth

Q : 12 Assertion  $5x + 10 = 20$

Reason : 5 is the solution of given equation.

Q:13 Find HCF of the following as given :

a) 12, 16

b) 20,25,30

c) 36 and 72

d) 10,15,30

Q:14 Find LCM of: a) 30,45,60.

b) 60,72,100

### SCIENCE

Question No. 1 to 4 consist of two statements –Assertion (A) and Reason (R) type questions. Answer these questions selecting the appropriate option given below:

a) Both A and R are true.

b) Both A and R are false.

c) A is true but R is false.

d) A is false but R is true.

Q1-Assertion-- Shadow is always black.

Reason- A shadow only shows the outline of an object.

Q2-Assertion-- In cars the windshields made of glass are used.

Reason -- These substances through which things can be seen clearly are called transparent substances.

Q3-Assertion-- In a closed electric circuit the current passes from one terminal of the electric cell to the other terminal.

Reason -Generally the metal disc of a cell acts as a positive terminal.

Q4-Assertion-- Air is an insulator.

Reason - Those material that do not allow electric current to pass through them are called insulator.

Q5-Read and give your answer -

Place a chair on the rooftop of your house on a sunny day. What do you observe from shadow of the chair.

(i)-Does the shadow shows an accurate picture of the shape of the chair?

(ii)-Does the shadow look different in colour ,when the colour of the object are different?

Q6-Give the symbol of following:

i) Cell

ii) Battery

iii) Bulb

iv) Switch (OFF)

v) Switch (ON)

Q7-Source/Case based questions. Copy it and then write correct answers of the following questions.

Take a comb in your right hand and bring it to your hair and look at yourself in mirror. You can see your own face in the mirror. This is your mirror image.

i) In your mirror image you appear to be holding the comb in your

(a) Left hand

(b) Right hand

(c) Comb is not visible

(d) None of these is correct

ii) The image formed in a mirror is due to

(a) Reflection of light

(b) Bending of light

(c) Both the above

(d) None of these

### SOCIAL SCIENCE

Q1- Write a short note on Banabhatta.

Q2-What were the causes of the downfall of the Gupta Empire?

Q3-Define Global Warming State the factors responsible for it.

Q4-How does the atmosphere act as a blanket?

Q5- Search or refer to an atlas and write the names of any three

i)- Countries with more than three time zones.

ii)- Towns /Countries whose time is ahead of the Indian Standard Time.

iii)- Towns/ Countries whose time is behind GMT.

Q6-Choose any one state of India and write at least five tourist places.

\*Locate and label those tourist places highlighting the chosen state on a political map of India.

\*Write history of the tourist places.

\*Cultural specifications (like cuisine, festival, languages spoken etc)

\*Flora and Fauna of the place. Support with drawings/ sketches/ pictures

Q7-In the two photographs you can see different ways of collecting and disposing of garbage.



i)-Which way do you think provides safety to the person disposing of garbage?

ii)- What are the dangers of collecting garbage in the manner shown in the first photograph?

iii) - Why do you think that proper ways of disposing garbage are not available to those who work in Municipalities?

**Note** – Homework of all the subjects must be done in the respective subject notebook. It is mandatory to complete the holiday homework.