- शब्दरूपाणि लिखत् –
  (फलम् / अश्व: / कुञ्चिका / नायिका / व्यजनम्)
- अवकाशहेतो: पार्थनापत्रम् लिखत् (ज्वरकारणात्)
- का नाम सन्धि:? कति भेद:? लिखत्
- निबन्ध: -लेखनम् (केवलम् एकं)
  (दिपावलि: / संस्कृतभाषायां महत्वम् / परोपकार:)

- निम्नलिखित विषय पर निबन्ध लिखिए

स्वास्थ्य ही धन है /बाल दिवस/गणतंत्र दिवस

- कारक किसे कहते हैं ? भेद कितने हैं? लिखिए
- समास किसे कहते हैं? भेद कितने हैं? लिखिए
- वाक्य किसे कहते हैं? भेद कितने हैं? लिखिए
- सर्वनाम किसे कहते हैं? भेद कितने हैं? लिखिए

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1. A simple pendulum takes 32s to complete 20 oscillations, what is the time period of the pendulum?

2. The distance between two stations is 240 km. A train takes 4 hours to cover this distance. Calculate the speed of the train.

3. Show the shape of the distance-time graph for the motion in the following cases :
(i) A car moving with a constant speed.
(ii) A car parked on a side road

4. Describe the different methods of asexual reproduction. Give examples.

5. Explain what you understand by sexual reproduction.

6. Explain the difference between self-pollination and cross-pollination

7. What will happen if there are no platelets in the blood?

8. What are stomata? Give two junctions of stomata.

9. Why does an athlete breathe faster and deeper than usual after finishing the race?

10. List the similarities and differences between aerobic and anaerobic respiration.

KENDRIYA VIDYALAYA RRL JORHAT
WINTER BREAK HOMEWORK
CLASS- VIi   SUB – SOCIAL SCIENCE

Answer the following questions:-

1. What is shifting cultivation. Who practiced shifting cultivation?

2. What do you understand by the term 'Settlement'?

3. What is Mass media?

4. Write the three catagories of natural vegetation.
5. Mention the uses of coniferous forests.
6. How has Media brought the world closer to us?
7. Map skills:. On an outline map of India, mark the location of the following tribes. Santhals , Bhils, Kolis , Mundas , Ahoms and Gond.
8. On an outline political map of India locate the following:
   All the states and Union Territories of India

KENDRIYA VIDYALAYA RRL JORHAT
WINTER BREAK HOMEWORK
CLASS- VIi   SUB – MATHS

General instructions:
1. All questions are compulsory

2. This question paper contains 32 questions divided into 4 sections Sections-A, B, C and D

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1. Which of the following is/are rational number/s?
   a) 1   b) 0   c) 3/2   d) All of these

2. The distance around a closed figure is called its.....
   a) Area   b) diameter   c) Radius   d) Perimeter

3. An expression with only one term is called.
   a) Polynomial   b) Monomial   c) Binomial   d) Trinomial

4. Circumference of a circle of radius 14 cm .
   a) 88 cm   b) 121 cm   c) 140 cm   d) 98 cm
5. The reciprocal of 3/4 is
   a) 4/3   b) -4/3   c) -3/4   d) 7/4

6. Which of the following is/are rational numbers?
   a) Natural numbers   b) Whole   c) integers   d) All of these
                                    numbers
7. The expression x + y − xy is
   a) Monomial   b) Binomial   c) Trinomial   d) None of
                                                                              these
8. Find the value of 12^2.

   a) 22   b) 121   c) 144   d) 13
9. The base in the expression 8^{10} is

   a) 8   b) 10   c) 2   d) 80
10. The additive inverse of $\frac{7}{5}$ is
    a) 1   b) 0   c) $\frac{5}{7}$ d) $\frac{-7}{5}$

11. If m =9,Find the value of 3m − 5
    a) 8   b) -1   c) 22   d) None of these

12. The perimeter of square of side 3 m is
    a) 8m   b) 9m   c) 10m   d) 12m

13. The exponent of number 5^7 is
    a) 5   b) 7   c) 12   d)35
14. In standard form 5230000 is equal to
    a) 5.23×10^6 b) 52.3×10^2 c) 523×10^4 d) 0.523×10^7

15. Find $2^0 + 3^0$
    a) 1   b) 2   c) 5   d) 4

16. Area of a parallelogram =

a) b x h   b) 1/2 b x h   c) b +h   d) 3/2 b x h

17. Terms which have the same algebraic factors are called
    a) Monomial   b) Like terms   c) Coefficient   d) Variable

18. When x = -1, y = 1, then the value of the expression 2x + 2y is
    a) 2   b) 4   c) -2   d) 0

19. What is numerical coefficient of y^2 in the expression $2x^2y - 15y^2 + 7y$
    a) 2   b) -15   c) 7   d) 0

20. The value of 7^3 is
    a) 49   b) 21   c) 343   d) 347

[Section B]   [1 ×6 = 6]

21. Find the sum $\frac{-5}{3}$ + 2.

22. Rewrite the following rational number in the simplest form: 36/48.

23. Find the area of a square park whose perimeter is 420m .

24. Find the value of -3/5 ÷ 3 .

25. Find the area of circle with radius 9 cm.

26. Write terms and factors of -4x +5y .

[Section C]   [2 × 4 = 8]

27. List four rational number between -2 and -1.

28. The population of a city decreased from 25,000 to 24,500. Find the Percentage decrease.

29. If p = 10, find the value of $p^2 - 2p - 100$.
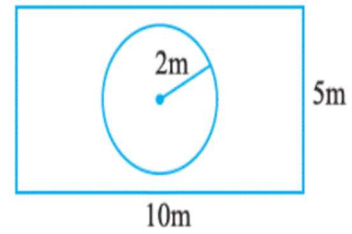
30. Find 25% of 250.

[Section D]   [3 ×2 = 6]

31. (i) A local cricket team played 20 matches in one season. It won 25% of them. How many matches did they win?

(ii)Express the number 512 using exponential notation .

32.	The adjoining figure represents a rectangular lawn with a circular flower bed in the middle. i)Find the area of the whole land ii)The area of the flower bed iii)The area of the lawn excluding, the area of the flower bed.	

KENDRIYA VIDYALAYA RRL JORHAT
WINTER BREAK HOMEWORK
CLASS- VIi   SUB – ENGLISH

1. Write a letter to your friend mentioning about your winter holiday plan.

2. Write a paragraph based on the picture given below in 80 words.

3. Listen to English news daily (During the break) and record a video of news reading by you on one day's news.

i. The video should not be of more than   2 minutes. Make sure to record in a silent place to avoid disturbances.

 ii. Memorize the news script and try to deliver spontaneously like a newsreader.