



# THE ROYAL SAINIK VIDYAPEETH

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## Holiday Homework Summer Vacations Class – 9th B

### विषय-हिन्दी

#### सामान्य निर्देशः\*

- गृहकार्य को साफ और सुव्यवस्थित तरीके से लिखें।
- प्रश्नों के उत्तर विस्तार से लिखें।
- प्रोजेक्ट और लेखन कार्य को रचनात्मक और आकर्षक बनाएं।
- याद करने का कार्य हिन्दी पाठ्य पुस्तक (कृतिका) पाठ 1,2,3 प्रश्न / उत्तर याद करें।
- हिन्दी पाठ्य पुस्तक ( क्षितिज) गद्यखंड 7 , 8 शब्दार्थ व प्रश्न / उत्तर याद करें।
- हिन्दी व्याकरण पाठ- वाच्य याद करें।
- लिखने का कार्य पाठ्यपुस्तक (क्षितिज) गद्यखंड 7 से 12 पढ़कर कठिन शब्द ढूँढ़कर लिखें व अभ्यास करें।
- . \*लेखन:\* नेताजी का चश्मा पाठ के आधार पर एक निबंध लिखें।
- . \*लेखन:\* बाल गोबिन भगत पाठ के आधार पर एक निबंध लिखें।
- 1. \*प्रोजेक्ट:\* नेताजी का चश्मा पाठ के पात्रों और उनके चरित्र का विश्लेषण करें।
- 2. प्रोजेक्ट:\* बाल गोबिन भगत पाठ के पात्रों और उनके चरित्र का विश्लेषण करें।

### English:-

#### 1. Literature (First Flight & Footprints without Feet)

1. Read and answer of the following:
  - (a) What lesson does Mandela teach us in Nelson Mandela: Long Walk to Freedom?
  - (b) How does A Letter to God reflect the values of faith and hope?
  - (c) What is the central idea of the poem Dust of Snow?
  - d) How does The Thief's Story teach a moral lesson?

#### 4. Grammar Practice ( Bravia Worksheet )

5. Tenses (fill in the blanks)
6. Reported Speech
7. Active and Passive Voice
8. Modals (can, could, must, should, etc.)

#### 9. Writing Skills

(Do any 2 of the following):

- (a) Write a letter to the editor on the need to reduce plastic use in your city.
- (b) Write an article on "The Importance of Time Management for Students."
- (c) Write a story in 150–200 words that begins with: "It was raining heavily and I was alone at home..."
- (d) Vocabulary Enrichment
- (e) Write 30 difficult words from your literature textbook.
- (f) Write their meanings and use them in sentences.

Mathematics:-

Chapter 1: Number Systems

A. NCERT Textbook Questions

## Mathematics:-

Exercise 1.1

1. Is zero a rational number? Can you write it in the form  $p/q$ ?
2. Find six rational numbers between 3 and 4.
3. Find five rational numbers between 1 and 2.
4. State whether the following statements are true or false:
  - Every natural number is a whole number.
  - Every integer is a whole number.
  - Every rational number is a whole number.

B. RD Sharma Selected Questions

1. Write five rational numbers each of which is greater than -2 but less than 1.
2. Express the following as rational numbers: (a) 0.3 (b) -0.6 (c) 1.75

Exercise 1.3

1. Find a rational number between: (a) -3 and -2 (b) 4 and 5
2. Express  $0.272727\ldots$  as a rational number.
3. Rationalize the denominator: (a)  $1/\sqrt{2}$  (b)  $1/(2 + \sqrt{3})$

C. NCERT Exemplar Questions

1. Is the decimal expansion of  $1/3$  terminating or non-terminating? Why?
2. Find two irrational numbers between 1 and 2.
3. Simplify:  $(\sqrt{2} + \sqrt{3})^2$
4. Prove:  $(5 + 2\sqrt{3})(5 - 2\sqrt{3})$  is a rational number.

Chapter 2: Polynomials

A. NCERT Textbook Questions

Exercise 2.1

1. Write the coefficients of each term of: (a)  $5x^2 - 3x + 7$   
(b)  $2 - x + x^2$
2. Classify the following as monomial, binomial, or trinomial:  
(a)  $x$  (b)  $x^2 + x$  (c)  $5x^2 + 3x + 7$

### Exercise 2.2

1. Add: (a)  $2x^2 + 3x - 5$  and  $x^2 - x + 2$
  2. Subtract: (a)  $3x^2 - 2x + 4$  from  $5x^2 + x - 6$
- B. RD Sharma Selected Questions

### Exercise 2.3

1. Multiply: (a)  $(x + 2)(x - 3)$  (b)  $(2x - 5)(3x + 4)$

### Exercise 2.4

1. Use identities to find: (a)  $(a + b)^2$  (b)  $(x + 5)^2$  (c)  $(x - 3)(x + 3)$
  2. Expand using algebraic identity: (a)  $(2x + 3)^2$  (b)  $(5x - 4)^2$
- C. NCERT Exemplar Questions

1. If  $x = 3$  is a root of the polynomial  $p(x) = x^2 - 6x + 9$ , find the value of  $p(3)$ .
2. Show that  $(x + y)^2 - (x - y)^2 = 4xy$ .
3. Using identity, find: (a)  $104^2$  (b)  $995^2$  (c)  $98 \times 102$
4. Evaluate  $(3x + 4y)^2$  using identity and verify by direct multiplication.

### Science:-

1. Create an assignment of 15 pages with appropriately labeled colored diagrams on A4 liner sheets.
2. Topics for assignment: 1.) Separation methods of mixture.
3. Cell: unit of life

Learn very short questions, short questions and long questions of chapter 1<sup>st</sup> to 3<sup>rd</sup>.  
Solve numerical exercises of chapter-1 and 2. (In holiday homework notebook)  
Write and learn 1 to 30 elements of periodic table with atomic numbers and mass.  
(In fair notebook)

### Social Science:-

Instructions:

1. Focus on creativity, real-life connection, and presentation.
2. Submit in a folder or notebook.
3. Prepare in attractive way.

Activity:

1. Create a timeline chart or illustrated diary covering 5–7 key events of the French Revolution.
2. Draw a political map of India showing:
  - a. Tropic of Cancer
  - b. Standard Meridian
  - c. 5 neighbouring countries
  - d. Two major rivers and mountain ranges

3. Make a comparison table: Democracy vs Non-Democracy (with real-world examples).
4. Prepare a concept map of the 4 factors of production (Land, Labour, Capital, and Entrepreneurship) with examples from Palampur.
4. Creative Project – India @ 2047: My Vision

**Written work: - Assignment (Solve in History fair notebook)**

**Section A – Very Short Q/Answer**

(Answer in 1 sentence)

1. In which year did the French Revolution begin?
2. Name the king of France during the revolution.
3. What was the name of the fortress stormed by revolutionaries?
4. Which philosopher gave the idea of the separation of powers?
5. What was the national anthem of France called?

**Section B – Short Q/Answer**

(Answer in 30–40 words)

6. What was the Estates General? Why was it called in 1789?
7. Write any two causes of the French Revolution.
8. What were the privileges enjoyed by the first and second estates?
9. What was the role of women in the French Revolution?
10. What was the significance of the Declaration of the Rights of Man and Citizen?

**Section C – Short Q/Answer**

(Answer in 60–80 words)

11. Explain the role of philosophers like Rousseau and Voltaire in the French Revolution.
12. Describe the impact of the French Revolution on France.
13. How did the Jacobins bring changes in France under Robespierre's leadership?

**Section D – Long Q/Answer**

(Answer in 100–120 words)

14. Describe the political, economic, and social causes of the French Revolution.
15. Explain how the French Revolution spread the idea of liberty and equality across Europe.
16. Discuss the Reign of Terror and the fall of Robespierre.

**Computer:-**

- Deep reading of Unit 1&2 of Part-A and Unit-1 of Part-B with solved & unsolved exercise and question answers.
- Try Application based question of every session of Unit 1&2 of Part-A & Unit-1 of Part-B.