

Class : IX

Subject: English (184)

1. Draw two roads and imagine yourself to be standing at a fork of the road. Mention the two choices and the one you opted for and why?
2. "A child longs for toys, sweets and other things but not at the cost of his parents." Comment with reference to the lesson 'The Lost Child'.
3. Compare the two types of learning as we find in 'The Fun They Had'. Which one do you think is better and why? Discuss with reference to the incidents from the story.
4. If you had been in place of Margie, would you like to study from a mechanical teacher? Give reason.

Subject: Hindi (002)

- प्र.1. 'दो बैलों की कथा' में वर्णित गांव और आज के भारतीय गांवों में क्या परिवर्तन आया है? 150 शब्दों में लिखकर गांवों की विशेषता से संबंधित चित्र बनाकर रंग भरें।
- प्र.2. कबीर दास का जीवन परिचय लिखें।

Subject: Maths (041)

1. Choose the correct option
 - i) The number 0.318564318564318564..... is
 - a) a natural number
 - b) an integer
 - c) a rational number
 - d) an irrational number
 - ii) The decimal representation of a rational number cannot be
 - a) terminating
 - b) non-terminating
 - c) non-terminating repeating
 - d) non-terminating non repeating
 - iii) Which of the following is irrational
 - a) 0.14
 - b) 0.306306306....
 - c) 0.141614161416.....
 - d) 0.1014001400014.....

2. Express 0.001001001.....in the form p/q , p and q are integers and q is non-zero.
3. Represent $\sqrt{9.3}$ on the number line.
4. Write the following numbers and represent them on number line
 - i) 2 rational numbers with terminating decimals
 - ii) 2 rational numbers with non terminating decimals
 - iii) 2 irrational numbers.
5. Do the activities in activity book
 - i) Activity 1.1- To obtain a square root spiral of natural numbers using graduated strips.
 - ii) Activity 1.2- To represent the square root of a natural number on number line.

Subject: Science (086)

Physics

Derive the three equations of motion using graphical method.

Chemistry

Describe an activity to determine the boiling point and melting point of ice.

Biology

Diagrammatically represent the effect of three different types of solutions on plant cell and animal cell in tabular form.

Subject: Social Science (087)

History/Civics

- Q1. What were the causes of the French Revolution? Show the causes in flow chart form on a coloured A4 sheet.
- Q2. Name the philosophers of the middle class. Also, write the name of the books written by them. Explain the ideas put forward by them.
- Q3. What dirty tricks were used by PRI to win elections in Mexico?
- Q4. Justify the feature of democracy one person, one vote, one value by giving suitable instances.

Geography

- Q1. Give a detailed description of the Himalayan Mountain.
- Q2. Show all the ranges of Himalaya on physical map of India.

Economics

Q1. What are the main activities done by the villagers of Palampur?

Q2. What is land? Suggest measures to sustain land.

Subject: Sanskrit (122)

- 1) उचितशब्दरूपैः रिक्तस्थानानि पूरयत—
क) _____ नाम रामः अस्ति। (बालक)
ख) _____ पुष्पाणि सन्ति। (लता)
ग) तत्र _____ सन्ति। (फल)
घ) _____ पठन्ति। (छात्र)
- 2) सन्धिविच्छेदं कुरुत—
महेशः, भानूदयः, सुखार्थी, रवीन्द्रः
- 3) 'साधु' और 'नदी' का शब्द रूप लिखें एवं याद करें।

Subject: Artificial Intelligence: (417)

1. What do you mean by communication? Explain different methods of communication with example.
2. Write a program in python to enter a number and find its cube.
3. Write a program in python to enter two numbers and print its sum.
4. Write a program in python to enter the value of radius and find the area of circle.
5. Write a program in python to enter the values of Principle, Rate and Time and calculate the Simple Interest.

Subject: Life Skills

Write down different values around you that you think are important in life.

Explain them in picture form.

Subject: General Knowledge

1. Read newspaper everyday.
2. Write current affairs in G.K. copy everyday. (minimum 2)
3. Russian attack on Ukraine is justifiable. Explain the statement taking help from newspaper cutting and articles. Use a thin scrapbook for explaining the topic.

Note: All assignments to be done in respective subject assignment copies

