

ENGLISH

1. Write an e-mail to your father telling him about your preparation of the half yearly exams. [8]
2. Suppose you have lost your literature project somewhere in the school. Write a notice for the school notice board giving all necessary details of the project. [5]
3. Read the following extract and answer the questions which follow. [4]
It seems to mean that they regretted not having come oftener to the school. It was also a way of thanking our teacher for his forty years of faithful service and of paying their respect to the fatherland which was vanishing.
 - a) Who are 'they' in the extract?
 - b) What were they regretting?
 - c) Who is 'our teacher'?
 - d) Why was the fatherland vanishing?
4. Answer the given question. [8]
 - a) 'In all this, my poor Frantz, you are not the guiltiest one.' What does the speaker want to say through these lines?
 - b) Which are the two dances mentioned in the first stanza of The Lost Dances of the Cranes? What does each of them represent?
 - c) Explain 'when the road comes, the forest goes.'
 - d) What were Whitaker and his team going to do with the eggs?

HINDI

1. शब्दों के अर्थ लिखें - [5]
उद्घाटन , उपद्रवी , षडयंत्र , प्रलोभन , अनंत
2. दो - दो पर्यायवाची शब्द लिखें - [5]
उन्नति , घमंड , सोना , कपड़ा , झंडा
3. कारक चिहनों के नाम चिह्न सहित लिखें | [4]
4. संधि तथा समास में अंतर स्पष्ट करें | [4]
5. कर्मधारय तथा द्वंद्व समास में अंतर स्पष्ट करें | [4]
6. दो - दो अनेकार्थक शब्द लिखें - [3]
अक्षर , अंबर , अरुण

MATHS

1. A VCR and TV were bought for ₹ 20,000 each. The shopkeeper made a loss of 4% on VCR and a profit of 8% on TV. Find the gain or loss percent on the whole transaction. [4]
2. Half of a herd of a deer are grazing in the field and three fourth of the remaining are playing nearby. The rest nine are drinking water from the pond. Find the number of deer in the herd. [4]
3. Write a Pythagorean triplet whose one member is 18. [2]
4. Find the cube root of 91125 by prime factorisation method. [2]
5. Find the smallest whole number by which 1008 should be multiplied so as to get a perfect square number. Also find the square root of square number so obtained. [3]
6. Calculate the amount and compound interest on ₹8,000 for 1 year at 9% per annum compounded half yearly. [3]

7. Draw a rhombus BEND BN=5.6cm, DE=6.5cm [3]
8. Find the smallest number by which 1750 must be added to obtain a perfect square. [3]
9. Find using suitable properties square of 83. [1]

SCIENCE

Physics

1. Write three characteristics of sound. On what factors do they depend? [3]
2. Draw a neatly labeled diagram of ear and explain its working. [3]
3. Draw diagram of apparatus used to measure charge. How is it used to measure the nature of charge? [2]

Chemistry

1. What are non renewable resources? Write two examples. [2]
2. Write briefly about the stages in the formation of coal. [2]
3. Write two advantages of synthetic fibres. [2]
4. Name two metals which react vigorously even with coal water (write chemical equation also). [2]

Biology

1. In what type of cells would you expect chloroplasts to be present? [1]
2. What is the mission of the Man and the Biosphere Programme of the UNESCO? [1]
3. What is monoculture? What is the danger linked to this practice? [2]
4. What are the different types of plastids and what do they do? [2]
5. What do you mean by nitrogen fixation? Draw a nitrogen cycle. [3]

SOCIAL SCIENCE

History

ANSWER THE FOLLOWING QUESTION IN ONE WORD OR IN A SENTENCE [7]

1. When and where did the modern period begin? [1]
2. Name two Indian rulers who became victims of British annexation policies. [1]
3. Which language did English replace as the official language? [1]
4. Name two Indian reformers who promoted western education. [1]
5. Name two leaders of the Revolt of 1857. [1]
6. What compulsion did the general service enlistment Act impose on the sepoys? [1]
7. Which document recommended a graded system of english medium education? [1]
8. State three reasons for the failure of the revolt of 1857. [3]

Civics

1. When does the loksabha speaker vote on an issue? [1]
2. What do we call the group of people that elects the president? [1]
3. Who is the head of central civil service? [1]
4. Why is the 0 hour important? [1]
5. Name India's first president and vice president? [1]

Geography

Choose the correct options:

1. Resources that gives us pleasure have _____ value
 a) Economic value b) social value c) Ethical value d) esthetic value
2. Technology is a
 a) Natural resource b) human resource c) manmade resource d) none of these
3. Landslides taken place mainly due to the
 a) violent winds b) heavy rainfall c) earthquakes d) b & c both
4. Soil formation usually takes place more rapidly in
 a) Cold climates b) tropical climates c) moderate climates d) all climates
5. Monsoon forests are found in

- | | | | |
|--------------------|---------------------------|--------------------|----------------------|
| a) Subpolar region | b) warm temperate regions | c) tropical region | d) equatorial region |
|--------------------|---------------------------|--------------------|----------------------|
6. Forest fires usually occurs due to the
- | | | | |
|--------------|-----------------------|------------------------|-----------------|
| a) Lightning | b) Volcanic eruptions | c) unattended campfire | d) all of these |
|--------------|-----------------------|------------------------|-----------------|
7. In India, wildlife week is observed every year in
- | | | | |
|---------|------------|-------------|-------------|
| a) June | b) October | c) November | d) December |
|---------|------------|-------------|-------------|
8. Petroleum is extracted by
- | | | | |
|-------------|--------------|---------------------|-----------------|
| a) drilling | b) quarrying | c) open cast mining | d) Shaft mining |
|-------------|--------------|---------------------|-----------------|
9. _____ is the non-ferrous metallic
- | | | | |
|---------|--------------|-------------|-----------|
| a) Iron | b) Manganese | c) chromite | d) silver |
|---------|--------------|-------------|-----------|
10. Which of the following does India import?
- | | | | |
|--------------|-----------|-------------|------------|
| a) Manganese | b) copper | c) iron ore | d) bauxite |
|--------------|-----------|-------------|------------|

SANSKRIT

1. विधिलिङ्ग एवं लोट् लकारे धातुरूपं लिखत - दृश् [5]
2. शब्दरूपं लिखत - [5]
' साधु ' अथवा ' मुनि ' प्रथमा से पञ्चमी विभक्ति तक ।
3. रिक्त स्थानानि पूरयत । [4]
क) अस्तु _____
ख) गच्छेत् _____
4. प्रकृति प्रत्यय संयोज्य विभाज्य च लिखत । [4]
पठितुम् , विहस्य , आ - गम् + ल्यप् , नम् + क्त्वा
5. विभक्ति लिखत । [3]
क) रवये नमः ।
ख) सूर्ये श्रद्धा।
ग) सूर्यस्य कारणेन ।
6. एकपदेन उत्तरत । [4]
क) आरूणेः गुरुः कः आसीत् ?
ख) देवभूमिः का अस्ति ?
ग) भारतमातुः श्वेतमुकुटं किम् ?
घ) कस्मात्त्वृष्टिः भवति ?