

English

1. Make a project by cutting and pasting the pictures of a market as depicted in Sarojini Naidu's poem 'In the Bazaars of Hyderabad'. [15]
2. Write a brief note about Sarojini Naidu in not more than 70 words. [10]

Hindi

1. वाक्य रचना की अशुद्धियों को एक चार्ट पेपर पर लिखें -पृ. सं. 201 [5]
2. (a) छोटे भाई को अध्ययनशील होने की सलाह देते हुए पत्र लिखें. [5]
(b) अपने विद्यालय में पीने के पानी की समुचित व्यवस्था हेतु प्राचार्या को पत्र लिखें. [5]
(c) चलचित्रों का महत्व व उपयोगिता पर निबंध लिखें. [10]

Mathematics

1. Find the area of a rectangular park which is $36\frac{3}{5}$ m long and $16\frac{2}{3}$ m broad.[1]
2. Rita had Rs 300 .She spent $\frac{1}{3}$ of her money on notebooks and $\frac{1}{4}$ of the remainder on stationary items. How much money is left with her? [2]
3. The sum of two numbers is -2.If one of the number is $-\frac{14}{5}$, find the other number. [1]
4. Find 10 rational numbers between $-\frac{3}{4}$ and $\frac{5}{6}$. [2]
5. Represent $\frac{13}{5}$ and $-\frac{13}{5}$ on number line. [1]
6. Is $\frac{8}{9}$ the multiplicative inverse of $-1\frac{1}{8}$? Why or why not? [1]
7. Divide the sum of $\frac{65}{12}$ and $\frac{8}{3}$ by their difference. [2]
8. Solve [2]
 $5x - \frac{1}{3}(x+1) = 6(x+\frac{1}{30})$

9. Arrange the following numbers in ascending order [2]
 $\frac{4}{-9}, \frac{-5}{12}, \frac{7}{-18}, \frac{-2}{3}$
10. The sum of digits of a two digit number is 12. If the new number formed by reversing the digits is greater than the original number by 54, find the original number. [2]
11. If 10 is added to four times a certain number, the result is 5 less than five times the number. Find the number. [2]
12. Two years ago, Dilip was three times as old as his son and two years hence twice his age will be equal to five times that of his son. Find their present ages. [2]
13. Solve [2]
 $\frac{6y-5}{2y} = \frac{7}{9}$
14. Name the property of multiplication illustrated by following statements [1]
- a) $\frac{15}{8} \times \frac{12}{7} = \frac{12}{7} \times \frac{15}{8}$
- b) $\frac{16}{9} \times 1 = 1 \times \frac{16}{9} = \frac{16}{9}$
- c) $(\frac{2}{3} \times \frac{5}{4}) \times \frac{3}{7} = \frac{2}{5} \times (\frac{5}{4} \times \frac{3}{7})$
15. Half of a herd of deer are grazing in the field and three fourths of the remaining is playing nearby. The rest 9 are drinking water from the pond. Find the number of deer in the herd. [2]

Science

Physics

1. Which force makes a rolling ball stop on its own? [1]
2. What force acting on an area of 0.5m^2 will produce a pressure of 500 Pa? [1]
3. Explain why, water comes out more slowly from an upstairs tap than from a similar tap downstairs. [2]
4. Why do mountaineers usually suffer from nose bleeding at high altitudes? [2]
5. (a) What is meant by Gravitational force? Give its one example. [1.5]
 (b) Which force do the animals apply while moving, chewing and doing other activities? Give one more example of this force. [1.5]

Chemistry

1. What is Rayon? How is Rayon made? [2]
2. With the help of properly labelled diagrams explain why Thermoplastics become soft on heating but thermosetting plastics remain as such. [2]
3. What is meant by the 3R's principle in the context of use of plastics? [2]
4. Write down four characteristics of synthetic fibres. [2]

Biology

1. What are microorganisms? Give any two examples of it. [2]
2. State the major groups of microorganisms. [2]
3. Mention the basic practices of crop production. [2]
4. What do you mean by crop rotation? Mention its advantages. [2]

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Social Science

History

Answer of the following questions :-

1. What is meant by Colonisation? [2]
2. What is the importance of dates in history? [2]
3. When did the British complete their first census survey of India? What information does the survey reports provided us? [2]
4. When did the modern period begin in Europe? Mention its main features. [2]
5. Explain the various kinds of source material that help us to know about the modern period with some examples. [2]

Civics

Answer the following:-

1. Explain - "India is a Republic ". [2]
2. Explain the three lists of subjects & the authorities that make laws. [2]

Geography

Answer the following:-

1. What is meant by aesthetic value of resources? [1]
2. What is technology? [1]
3. What is manmade resource? Give two examples. [2]

4. Define Actual or developed resources. [2]
 5. What is potential resource? [2]
 6. What is meant by sustainable development? [2]

Sanskrit

1. सन्धि / सन्धि विच्छेदं कुरुत ।
 (क) इति + आदि, पुनः + च, उत् + लेखः, रवि + इन्द्रः [2]
 (ख) मुनिरपि, स्वगतम्, नयनम्, तल्लीनः [4]
2. उचितैः क्तवतु-प्रत्ययान्त रूपैः रिक्त स्थानानि पूरयत । [6]
 (क) सह रामायणं _____ । (पठ्)
 (ख) रमा मातरं _____ । (सेव्)
 (ग) वयं नगरं न _____ । (गम् पु०)
 (घ) त्वं चलचित्रं _____ । (दृश्, स्त्री)
 (ङ) बालकः _____ । (गम्)
 (च) एषा शीतलं जलं _____ । (पा)
3. पदपरिचय दीयताम् । [6]
 विश्वात्मने, येन, तस्मै, भद्राणि, दिशायाम्
4. प्रश्नोत्तर – [4]
 (क) का सर्वसहा?
 (ख) हंसस्य वर्णः कः?
 (ग) कः पूर्वदिशायाम्?
 (घ) ग्रहाः कं परितः भ्रमन्ति?
5. रिक्तस्थानानि पूरयत । (कोई तीन) [3]
 (क) बालकम् _____
 (ख) वदामि _____
 (ग) अभवत् _____
 (घ) भविष्यति _____
