

**ENGLISH**

- Proverbs are short well-known expressions that state general truth or advices. Write the meanings of the following proverbs as the given example:
  - Actions speak louder than words( what a person actually does is important than what he says he will do)
  - Beauty lies in the eyes of the beholder.
  - Distance makes the heart grow fonder.
  - Haste makes waste.
  - Necessity is the mother of invention.
- Choose suitable similes for these sentences from the given box:  
[as brave as/ as funny as/ as clever as/ as clear as/ as busy as]
  - She is \_\_\_\_\_ fox.
  - Rohan was \_\_\_\_\_ lion.
  - My mother is \_\_\_\_\_ bee.
  - Your explanation is \_\_\_\_\_ mud.
  - You are \_\_\_\_\_ monkey.
- Your sister is in Mumbai who could not come back home. Write a letter to her telling her to take care of herself and be aware of the widely spreading Corona Virus.
- Write a paragraph in about 100 words on 'The insensitiveness of human beings towards the animals'.

**हिन्दी**

- 'अमूल दूध' की बिक्री बढ़ाने हेतु विज्ञापन लिखिये।
- वर्तमान समय में शिक्षा का महत्व व उद्देश्य पर 10 पंक्तियाँ लिखिये।
- अपने मित्र को 'लॉकडाउन' के महत्व को समझाते हुये पत्र लिखिये।
- निम्न मुहावरों को वाक्यों में प्रयोग करिये -
  - अपने पाँवों में आप कुल्हाड़ी मारना ।
  - आँखें फेर लेना ।
  - कमर कसना ।
  - खाक छानना ।

**MATHEMATICS**

- Simplify:
  - $\left[\left(\frac{3}{4}\right)^2\right] \times \left(\frac{1}{4}\right)^4 \times 3^3 \times 4^4 \times \frac{1}{9}$
  - $(6^{-1} + 8^{-1})^{-1} + (3^{-1} + 2^{-1})^{-1}$
- Find the square root of greatest five digit number correct upto three decimal places.
- Divide the following:
$$6a^2 + 31a + 40 \text{ by } 2a + 5$$
- If x66 is divisible by 9 then find the least value of x.

5. Two dice are thrown together. Find the number of outcomes.
6. If Euler's formula is defined as  $F + V = E + 2$  where F is no. of faces, V is no. of vertices and E represents no. of Edges of a given solid using it. Find the no. of faces of tetrahedron having vertices as 4 and 6 edges.
7. Prepare a grid with magic number 15. Where numbers should not be repeated.
8. **Solve the following question:**

$$\frac{2 - 9y}{17 - 4y} = \frac{4}{5}$$

9. Write and learn the tables from 2 to 20.

### **SCIENCE**

1. What is the function of hormones in the body?
2. Why should you always wash your hands before handling food and after coming from the toilet?
3. List three things you will do during an earthquake.
4. What does a vaccine against a particular disease contain?
5. What do you mean by reactivity series of metals? Also, make a table to show reactivity series of metals.
6. Explain how nature maintains a balance between living things.

### **SOCIAL SCIENCE**

1. What is the importance of history?
2. Imagine yourself to be a Governor of the province. What steps will you take to decrease the effect of Covid-19 without losing economic balance?
3. Do you think speeding up of industrialization in India has really improved Indian's life? Justify your answer with relevant reasons.
4. Write a note on SAARC.
5. "Many social and religious causes are responsible for the increment in the cases of Covid-19." How?

### **COMPUTER**

1. Describe the major computer network components.
2. What are the benefits of networking?
3. What is the basic need of networking?
4. **Application based questions:**
  - A. Rohan wants to connect 10 computers to share resources and information. Which type of network should he use?
  - B. Which network architecture is most suitable in case of computer having similar capabilities in a network?
5. **Write full form of the following:**

A. LAN	B. PAN	C. MAN	D. WAN
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