

**A Write correct alternative for any four of the following multiple choice questions.**  $(\frac{1}{2} \times 4 = 2)$

- Which of the following will not represent zero:  
(a)  $1+0$  (b)  $0 \times 0$  (c)  $\frac{0}{2}$  (d)  $\frac{10-10}{2}$
- The successor of 25901 is:  
(a) 25900 (b) 25902 (c) 29500 (d) 29502
- Which of the following numbers is prime  
(a) 23 (b) 51 (c) 9 (d) 27
- The LCM of 8 and 12 is:  
(a) 4 (b) 20 (c) 24 (d) 48
- Which of the following numbers are divisible by 3?  
(a) 2223 (b) 3332 (c) 3232 (d) 2222

**B Fill any four blanks given below-**  $(\frac{1}{2} \times 4 = 2)$

- 1 million = \_\_\_\_\_ lakh
- The smallest whole number is \_\_\_\_\_.
- A number which has only two factors is called a \_\_\_\_\_.
- The smallest even number is \_\_\_\_\_.
- The HCF of 10 and 15 is \_\_\_\_\_.

**C Answer any six of the following questions :**  $(1 \times 6 = 6)$

- Write the name of 5689002 according to the Indian system of numeration.
- How many whole numbers are there between 32 and 53?
- Write all the factors of 36.
- What is the greatest prime number between 1 and 10?
- Find the common factors of 35 and 50.
- Determine if 25110 is divisible by 6.
- A number is divisible by both 5 and 12. By which other number will that number be always divisible?

**D Short answers:-**  $(2 \times 3 = 6)$

- Find the product of  $561 \times 102$  using suitable properties.
- Find prime factorization of 980.
- The school canteen charges Rs 20 for lunch and Rs 4 for milk for each day. How much money do you spend in 5 days on these things?

OR

A taxi driver filled his car petrol tank with 50 litres of petrol on Monday. The next day he fill the tank with 40 litres of petrol. If the petrol cost Rs 46 per litre how much did he spend in all on petrol?

**E Problem solving questions:-**  $(2 \times 2 = 4)$

- In the morning three persons step off together. Their steps measure 80 cm, 85 cm and 90 cm respectively. What is the minimum distance it should walk so that all can cover the same distance in a complete steps?
- The town newspaper is published every day. One copy has 12 pages. Everyday 11980 copies are printed. How many total pages are printed every day?

OR

A merchant had rupees 78592 with her. She placed an order for purchasing 40 radio sets at rupees 1200 each. How much money will remain with her after the purchase?