INDIAN SCHOOL SOHAR
TERM –I EXAM (2023 – 24)
SUBJECT: MATHEMATICS
CLASS - V

SET –B

Date of Exam: 24-09-2023
Time Allotted: 2 hours   **Max. Marks: 40**

(Note: This question paper consists of 3 printed pages. Please check that you have all the pages.)

Section A

Q1. Choose the correct option: **(1 × 5= 5)**

  i. What should be added to 100561 to get 200000 ?

    A) 91439   B) 99439   C) 92439   D) 99342

 ii. Which of the following is divisible by 10 ?

    A) 3142   B) 6149   C) 3145   D) 7150

 iii. What is the successor of eighteen lakh two hundred ninety nine?

    A) 18,00,298   B) 18,00,929   C) 18,00,300   D) 18,03,000

iv. What is the reciprocal of $3\frac{2}{3}$?

  A) $\frac{11}{3}$ B) $\frac{3}{2}$ C) $\frac{3}{11}$ D) $\frac{2}{3}$

 v. Which of the following are twin primes?

    A) 2 and 3   B) 19 and 21   C) 41 and 43   D) 11 and 14

Q2. Fill in the blanks: **(1 × 5= 5)**

i. The product of $\frac{5}{9}$ and $\frac{9}{11}$ is _____.

ii. The sum of the place values of 4 in 63,43,241 is _____.

iii. The number form of zero point eight is _____.

iv. The L C M of 12, 6 and 18 will be _____.

v. If 753234 is divided by 100, the remainder is _____.

Q3. Match the following: (1 × 5= 5)

Column A	Column B
i. Place value of 7 in 567824	1
ii. 100 × 798	390
iii. The 6th multiple of 65	7000
iv. $\frac{8}{16} + \frac{8}{16}$	4000
v. Round off 3679 into nearest 1000	79800

Section B (2 × 6= 12)

Q4. Do as directed:

i. If the product of two numbers is 2525 and their H C F is 5 , find their L C M.

OR

What is the smallest number that is divisible by 18, 20 and 24.

ii. Write the prime factorization of 80.

OR

Find the H C F of 32 and 80.

iii. Multiply: 2286 by 1045.

OR

Find the quotient and remainder of   25615 ÷ 105.

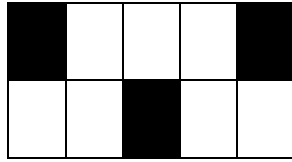iv. Find the sum of $3\frac{2}{3} + 1\frac{5}{9}$

OR

Write in descending order: $\frac{2}{3}$, $\frac{3}{4}$, $\frac{7}{12}$

v. Convert : a) $\frac{67}{5}$ into mixed fraction

b) $12\frac{1}{8}$ into improper fraction.

vi. a) Write the unshaded part as fraction and decimal.

b) Compare using $<$, $>$ or $=$

$$\frac{3}{5} \underline{\quad} \frac{9}{11}$$

Section C   **(3 × 3 = 9)**

Q5. Do as directed:

i. Solve

a) Draw a factor tree for 24.

b) Write all the prime numbers less than 20.

ii. A factory produces 22450 m of thread in a day. How much thread is produced in 365 days?

iii. Solve:

a) $\frac{12}{18}$ - $\frac{3}{6}$ b) $3\frac{1}{2} \div 2\frac{4}{5}$

Section D   **(1 × 4 = 4)**

Q6. A popular dance programme is watched by 6,17,103 viewers in Asia, 215207 viewers in the Middle east, 6,15,204 viewers in Europe and 306117 viewers in Africa.

Read the above case and answer the following questions:

i. How many people watched the programme in all?

ii. In which place was the programme most popularly watched ?

iii. How many more viewers are there in Asia than in Africa?

iv. Arrange the number of viewers in ascending order.