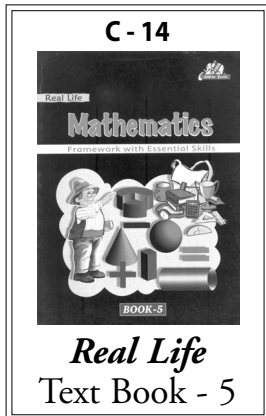


Name : Section : Roll No :



HALF-YEARLY EXAMINATIONS

Mathematics

MARKS 100

Class : V

Time : 2½ Hours

Syllabus

Chapters : 1 to 9

School Stamp

I. Answer any TWELVE of the following questions.

(12 × 5 = 60)

- Simplify : $6\frac{1}{3} + 3\frac{1}{4} + 4\frac{1}{2}$
- a) Write the corresponding Hindu–Arabic numerals for i) XXXVI and ii) LXIX.
b) Write the corresponding Roman numerals for i) 112 and ii) 69.
- Find the L.C.M. of 30, 40, 60 by division method.
- A coffee dealer packs 15 packets of coffee powder with $\frac{3}{4}$ kg powder in each packet. What is the total quantity of coffee powder packed ?
- Draw angles whose measures are given below.
i) 45° ii) 90° iii) 110° iv) 140° v) 130°
- A girl purchased a notebook for Rs. 15.75, a pen for Rs. 12.50 and a pencil for Rs. 2. Find the total amount the girl spent.
- There are 275 workers in a textile mill. If each worker gets Rs. 3,478 per month, find the total amount all the workers get in one month.
- The total value of train fares for 126 adults from a station A to another station B is Rs. 55,188. Find the value of a single fare.
- Compare $\frac{5}{8}$ and $\frac{7}{12}$.
- Convert each percentage into fraction (in its lowest terms, wherever possible).
i) 9% ii) 15% iii) 48% iv) 175% v) 25%
- 40750 bags of rice are to be transported in railway waggons. If in each waggon 125 bags can be loaded, find the number of waggons required.

12. a) Add : $8.176 + 2.459 + 10.705$
 b) Find the difference between 96.4 and 102.05.
13. Write each decimal as a fraction.
 i) 0.8 ii) 5.7 iii) 6.45 iv) 0.019 v) 15.008
14. 30 litres of milk is poured in some bottles with $\frac{3}{4}$ l of milk in each bottle. What is the number of bottles ?
15. The L.C.M. of two numbers is 3 times the smaller number. If the L.C.M. is 192, what is their H.C.F. ?

II. Choose the correct answer and write its letter in the bracket. (10 × 1 = 10)

1. $75\% =$ (convert into decimal) ()
 a) 0.75 b) 7.5 c) 0.075
2. The multiple of 8 is ()
 a) 35 b) 40 c) 63
3. The smallest 3 – digit number which forms with all the digits 0, 3 and 5 is ()
 a) 503 b) 305 c) 350
4. The pair of twin primes among the following is ()
 a) 2, 3 b) 3, 7 c) 5, 7
5. $0.7 \times 0.8 =$ ()
 a) 0.65 b) 0.056 c) 0.56
6. The even prime number is = ()
 a) 8 b) 2 c) 4
7. The H.C.F. of 60.84 and 102 is ()
 a) 2 b) 6 c) 9
8. Choose a equivalent fraction of $\frac{5}{4}$ given below. ()
 a) $\frac{20}{16}$ b) $\frac{12}{4}$ c) $\frac{15}{14}$
9. A line has _____ end points. ()
 a) Zero b) One c) Two
10. $71.025 - 49.668 =$ ()
 a) 21.357 b) 20.537 c) 21.573

III. Fill in the blanks. (10 × 1 = 10)

1. The measure of a straight angle is _____
2. $\frac{2}{10}$ means _____

3. $\frac{2}{3} \times \left(\frac{3}{4} \times \frac{5}{6} \right) = \frac{2}{3} \times \frac{3}{4} + \frac{2}{3} \times$ _____

4. $\frac{\square}{19} = \frac{8}{38}$ _____

5. The H.C.F. of 62 and 63 = _____

6. The smallest odd prime number is _____

7. The place value of 5 in 36592 is _____

8. The diameter of a circle is _____ its radius.

9. The improper fraction of $1\frac{3}{5}$ is _____

10. 45° is called an _____ angle.

IV. Answer the following.

(10 × 1 = 10)

1. Write the expanded form of 735.268

Ans.

2. Subtract $\frac{7}{8}$ from $\frac{11}{12}$.

Ans.

3. Add : $18.75 + 27.036 + 105$

Ans.

4. A tin contains 15 l of oil. If 4.225 l of oil is used up, what quantity of oil is still left in the tin ?

Ans.

5. Find the product of 24035×123 .

Ans.

6. Find the L.C.M. of 2 and 3.

Ans.

7. Two angles of a triangle are 60° and 40° . Find the third angle.

Ans.

8. Write all the factors of 27.

Ans.

9. Write Roman numeral for 95.

Ans.

10. Simplify : $12\frac{1}{2} - 9\frac{7}{8} + 3\frac{7}{16}$

Ans.

V. Match the following.

(5 × 2 = 10)

(A)

(B)

- | | | |
|-------------------------|---------|--------------------|
| 1. $12.132 \times 15 =$ | () | a) 20 |
| 2. $21.375 \div 19 =$ | () | b) 0.5 l |
| 3. $\frac{21}{9} =$ | () | c) 2.375 |
| 4. $500 \text{ ml} =$ | () | d) $\frac{7}{3}$ |
| 5. L.C.M. of 4 and 5 = | () | e) 181.98 |

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