

# FINAL EXAMINATION

Class - V

Mathematics (Set B)

Date: 5-3-24

Time Allowed: 2:30 hours

Maximum Marks: 80

## Section-A

## Multiple Choice Questions

1X10 = 10M

1. To find the value of a single unit from the value of many units we use \_\_\_\_\_
  - a. Division
  - b. Addition
  - c. Subtraction
  - d. Multiplication
  
2. ₹ 400 ÷ ₹ 10 is = ₹ \_\_\_\_\_
  - a. ₹ 14
  - b. ₹ 100
  - c. ₹ 40
  - d. ₹ 400
  
3. The H.C.F of 4 and 8 is \_\_\_\_\_
  - a. 3
  - b. 4
  - c. 8
  - d. 2
  
4. The digit in the tenths place of 205.625 is
  - a. 0
  - b. 6
  - c. 2
  - d. 5
  
5. The decimal form of  $\frac{3628}{10}$  is \_\_\_\_\_
  - a. 36.28
  - b. 362.8
  - c. 3.628
  - d. 3628
  
6. The factors of 13 are 1 and \_\_\_\_\_
  - a. 1
  - b. 13
  - c. 6
  - d. 2
  
7. 17.28 and 29.56 are \_\_\_\_\_ decimals
  - a. equivalent
  - b. like
  - c. unlike
  - d. equal

8. Choose the odd one out

a.  $\frac{4}{11}, \frac{6}{11}$

c.  $\frac{4}{13}, \frac{6}{15}$

b.  $\frac{12}{24}, \frac{3}{24}$

d.  $\frac{16}{15}, \frac{36}{15}$

9. What are the cross products of  $\frac{4}{5} \times \frac{9}{15} = \underline{\quad}$ ?

a.  $4 + 15 = 18$  and  
 $5 + 9 = 14$

c.  $4 \times 9 = 36$  and  
 $5 \times 15 = 75$

b.  $15 \times 4 = 60$  and  
 $5 \times 9 = 45$

d.  $4 \times 5 = 18$  and  
 $15 + 9 = 135$

10. The reciprocal of a mixed fraction is \_\_\_\_\_

- a. an improper fraction  
b. a proper fraction

- c. a mixed fraction  
d. a like fraction

**Section -B**

**Fill in the blanks**

1x10= 10M

1. The fraction equivalent to 6 % is \_\_\_\_\_.
2. The reciprocal of  $\frac{8}{10}$  is \_\_\_\_\_.
3.  $\frac{1}{6} \times 6 =$  \_\_\_\_\_
4. The only number that does not have multiplicative inverse is \_\_\_\_\_
5. Circle graphs are also called as \_\_\_\_\_.
6.  $13.8$  \_\_\_\_\_  $1.35$  ( use > or < )
7. The mixed fraction form of  $\frac{14}{5}$  is \_\_\_\_\_
8. The place value of 7 in 57.28 is \_\_\_\_\_
9.  $104.531 + 101.112 =$  \_\_\_\_\_
10. The improper fraction of  $4 \frac{6}{9}$  is \_\_\_\_\_.

**Section-C**

**Very Short Questions**

1) X 2 = 20M

1. Subtract 3.286 from 4.998
2. Convert 52% into a fraction and decimal
3. Reduce the following fractions to their lowest term using HCF  $\frac{27}{54}$



Fill ups

a.  $2955.18 \times 10 =$  \_\_\_\_\_

b.  $0.569 \times 100 =$  \_\_\_\_\_

5. What is percentage of  $\frac{6}{10}$ ?

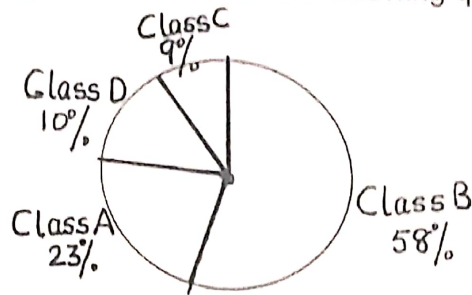
6. Check whether the following fractions are equivalent  $\frac{8}{12}$  and  $\frac{4}{6}$

7. Which is greater in each pair of the given decimals?

a. 89.38 and 89.43

b. 5.32 and 5.325

8. The circle graph shows the percentage of students in each class who prefer Hindi as their first language. Read the graph and answer the following questions.



a. Which class has the maximum percentage of students who prefer Hindi?

b. Which classes when combined have 67% of the students preferring Hindi?

10. Find  $\frac{3}{5} + \frac{1}{4}$

Section D

Short questions

5 X 3 = 15M

1. The cost of 6 papayas is ₹ 78. What is cost of 18 papayas?

2. Arrange the following fractions in ascending order.

$\frac{3}{2}$  ,  $\frac{2}{3}$  ,  $\frac{3}{4}$  ,  $\frac{7}{5}$

3. Solve a.  $431.28 \times 13$

b.  $615.15 \div 15$

4. Find the missing numbers

$\frac{4}{8} = \frac{16}{\square}$

$\frac{\square}{7} = \frac{4}{14}$

5. In a week, Raghav spends 12.75hrs reading English, 23.52hrs for Maths and 13.25 hrs for Science. How many hours does he spend studying?

Section E

Long questions

5 X 5 = 25M

1. Veena bought  $\frac{11}{4}$  m of cloth. She used  $\frac{4}{7}$  m of the cloth to make a dress. What length of the cloth was she left with her?

2. The length of a rod is 63.25m. Find the length of 24 such rods.

3. The cost of 5 litres petrol is ₹ 560.25. Find the cost of 1 litre petrol.

4. Raju painted  $\frac{17}{3}$  of a class room and Rehan painted  $\frac{2}{6}$  of the same room. What part of the room did they paint together?

5. a. Read the given case and choose the correct answer .

The cost of a bottle of orange juice is ₹ 25.40. Manu bought 3 such bottles and Suman bought 10 such bottles.

I. How much did Manu pay in total?

i. ₹ 86.45

ii. ₹ 100

iii. ₹ 76.20

iv. ₹ 75.25

II. How much did Suman pay in total?

i. ₹ 254

ii. ₹ 25490

iii. ₹ 2.540

iv. ₹ 35.40

b. Which subject has the maximum percentage in

Hindi 69 out of 100 marks

English 89 out of 100 marks