

1. Which of the following fraction has numerator 5

a) $\frac{2}{5}$

b) $\frac{5}{7}$

c) $1\frac{5}{7}$

d) $7\frac{1}{5}$

2. Which of the following fraction has denominator 8.

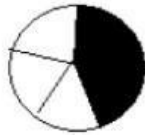
a) $\frac{8}{3}$

b) $1\frac{3}{8}$

c) $1\frac{8}{3}$

d) $\frac{3}{8}$

3. What fraction does the shaded portion in the adjoining fig. represents.



a) $\frac{5}{2}$

b) $\frac{3}{5}$

c) $\frac{2}{5}$

d) $\frac{5}{3}$

4. Which one of the following is proper fraction?

a) $\frac{7}{5}$

b) $\frac{3}{2}$

c) $\frac{4}{7}$

d) $\frac{4}{3}$

5. Which one of the following is improper fraction?

a) $\frac{2}{3}$

b) $\frac{5}{7}$

c) $\frac{7}{4}$

d) $\frac{1}{2}$

6. What is the value of $\frac{2}{7} + \frac{3}{7}$

a) $\frac{5}{14}$

b) $\frac{5}{7}$

c) $\frac{6}{7}$

d) $\frac{35}{14}$

7. What is the value of $\frac{3}{5} + \frac{2}{7}$

a) $\frac{5}{12}$

b) $\frac{29}{35}$

c) $\frac{31}{35}$

d) $\frac{5}{35}$

8. What is the value of $\frac{2}{3} + \frac{1}{3} + \frac{7}{3}$

a) $\frac{10}{3}$

b) $\frac{10}{9}$

c) $\frac{30}{3}$

d) $\frac{10}{27}$

9. What is the value of $\frac{2}{3} + \frac{1}{3} + \frac{7}{3}$

a) $\frac{10}{3}$

b) $\frac{10}{9}$

c) $\frac{30}{3}$

d) $\frac{10}{27}$

10. What is the value of $\frac{5}{8} - \frac{3}{8}$

a) $\frac{37}{16}$

b) $\frac{1}{8}$

c) $\frac{2}{8}$

d) $\frac{43}{8}$

11. What is the value of $\frac{4}{5} - \frac{2}{3}$

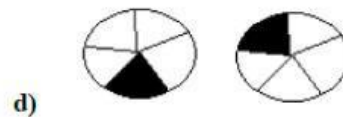
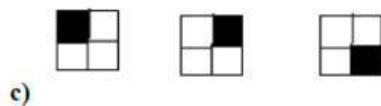
a) $\frac{2}{2}$

b) $\frac{14}{15}$

c) $\frac{2}{15}$

d) none of these

12. Which of the following drawing shows $2 \times \frac{1}{5}$



13. Which of the following drawing shows $3 \times \frac{3}{4} = 2\frac{1}{4}$



d) None of these

14. The value of $\frac{1}{2}$ of 24 is

a) 12

b) $\frac{1}{12}$

c) 48

d) $\frac{1}{48}$

15. The product of $\frac{1}{4} \times \frac{3}{5}$ gives

a) $\frac{3}{20}$

b) $\frac{5}{12}$

c) $\frac{12}{5}$

d) $\frac{20}{3}$

16. Which of the following product gives the value $\frac{78}{5}$

(a) $3 \times 5\frac{1}{5}$

(b) $\frac{1}{3} \times \text{EMBED Equation.3}$

(c) $3 \times \frac{5}{26}$

(d) None of these

17. The product of $\frac{2}{5} \times 5\frac{1}{4}$ gives

(a) $\frac{1}{2}$

(b) $\frac{21}{10}$

(c) $\frac{11}{10}$

(d) $\frac{15}{10}$

18. The reciprocal of $1\frac{2}{3}$ is

(a) $\frac{3}{2}$

(b) $1\frac{3}{2}$

(c) $\frac{5}{3}$

(d) $\frac{3}{5}$

19. The value of $12 \div \text{EMBED Equation.3}$

(a) 16

(b) 1

(c) 9

(d) $\frac{1}{16}$

20. The value of $3\frac{1}{2} \div \text{EMBED Equation.3}$

(a) 4

(b) $\frac{28}{3}$

(c) $\frac{9}{4}$

(d) $\frac{21}{16}$

21. The value of $4\frac{1}{3} \div 3$ is

(a) 4

(b) 13

(c) $\frac{13}{9}$

(d) $\frac{9}{13}$

22. Which of the following is the least form of $\frac{18}{36}$

(a) $\frac{3}{6}$

(b) $\frac{9}{18}$

(c) $\frac{1}{2}$

(d) $\frac{2}{1}$

23. What is the sum of 5.300 and 3.250

(a) 8.550

(b) 85.50

(c) 5.6250

(d) 8550

24. What is the value of $29.35 - 04.56$

(a) 23.75

(b) 16.35

(c) 16.25

(d) 24.79

25. Which one of the following is greater

(a) 5.0

(b) 0.5

(c) 0.005

(d) 0.05

26. Which one of the following is smaller

- (a) 2.031 (b) 2.301 (c) 0.2301 (d) 23.01

27. 7 Rupees 7 paise can be written in rupees as

- (a) Rs7.07 (b) Rs7.70 (c) Rs0.707 (d) Rs 770

28. 5 cm in Km can be written as

- (a) 0.0005 (b) 0.00005 (c) 0.0005 (d) 0.05

29. The place value of 2 in 21.38 is

- (a) Ones (b) Tens (c) Tenth (d) Hundredth

30. Which one of the following represent the expansion

$$2 \times 10 + 0 \times 1 + 0 \times \frac{1}{10} + 3 \times \frac{1}{100} + 3 \times \frac{1}{1000}$$

- (a) 20.03 (b) 2.03 (c) 200.03 (d) 2.034

31. The value of 2.71×5 is

- (a) 135.5 (b) 1355 (c) 13.55 (d) 1.355

32. The product of 153.7 and 10 is

- (a) 1.537 (b) 15.37 (c) 153.7 (d) 1537

33. The value of 43.07×100 is

- (a) 4.307 (b) 4307 (c) 43.07 (d) 430.7

34. The value of 0.03×1000 is

- (a) 0.00003 (b) 3 (c) 0.003 (d) 30

35. The value of 1.3×3.1 is

- (a) 403 (b) 0.403 (c) 4.03 (d) 0.0403

36. The value of $0.80 \div 5$ is

- (a) 16 (b) 0.16 (c) $\frac{1}{16}$ (d) 1.6

37. The value of $52.5 \div 10$ is

- (a) 5.25 (b) 0.525 (c) 525 (d) 5250

38. The value of $0.78 \div 100$ is

- (a) 7800 (b) 0.0078 (c) 0.78 (d) 7.8

39. The value of $26.3 \div 1000$ is

- (a) 0.0263 (b) 0.2630 (c) 26300 (d) 26.300

40. The value of $7.75 \div 0.25$ is

- (a) 31 (b) 0.0031 (c) 0.31 (d) 3.1

ANALYSIS

Concepts	Tally Marks	Questions
Basic concepts of fractions		1,2,3,4,5
Addition and subtraction of fractions		6,7,8,9,10,11
Multiplication of fractions		12,13,14,15,16,,17,18
Division of fractions		19,20,21,22
Basic concepts, addition and subtraction of decimals		23 to 30
Multiplication of decimals		31 to 35
Division of decimals		36 to 40