

TOPIC: FRACTIONS AND DECIMALS

TIME: 30 MINUTES

TOTAL QUESTIONS=40

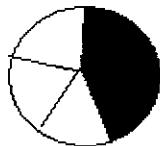
1. Which of the following fraction has numerator 5

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

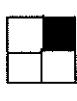
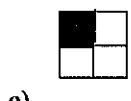
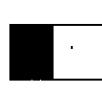
c) $\frac{2}{15}$

d) none of these

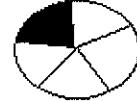
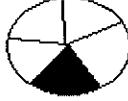
12. Which of the following drawing shows $2 \times \frac{1}{5}$



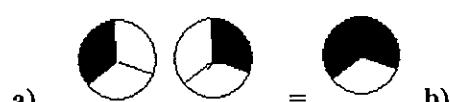
b)



d)



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 $\frac{1}{4} \times \frac{5}{6}$ 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) $\frac{1}{3} \times$ 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 $12 \div$ EMBED Equation.3
- (a) 16 (b) 1 (c) 9 (d) $\frac{1}{16}$
20. The value of $3\frac{1}{2} \div$ 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

27. 7 Rupees 7 paisa 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

$$0 \times \text{EMBED Equation.3} + 3 \times \text{EMBED Equation.3}$$

- (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 43.07×10^9 is

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

34. The value of 0.03×10^{99} is

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

35. The value of 1.3×3.1 is

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

25. The value of 52.5×10^{-5} is

- (a) 5.25 (b) 8.525 (c) 525 (d) 52.50

38 Ti b = 6.053 ± 100 ;

- (A) 5.000 (B) 0.0050 (C) 0.500 (D) 5.00

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- (c) 0.0263 (d) 0.2630

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

Topic: Fractions and decimals

ANSWER KEY