

NORTHEAST PSC

(Fraction)

(By Amarjeet Sir)

(9 Years Teaching Experience |

Mentored 10000+ Students |

200+ Selection in APSSB & APPSC Exams)

Q1. Which among the following is the smallest fraction?
[APSSB CSL 2023]

- (a) $\frac{1}{2}$ (b) $\frac{1}{3}$
(c) $\frac{2}{3}$ (d) $\frac{4}{5}$

Q2. The largest fraction among the option is

[APSSB jr. Estt./Draughtsman 2021]

- (a) $\frac{5}{8}$ (b) $\frac{5}{12}$
(c) $\frac{5}{6}$ (d) $\frac{5}{9}$

Q3. Simplified value of $2\frac{1}{2} + 3\frac{1}{3}$ is

[APSSB jr. Estt./Draughtsman 2021]

- (a) $\frac{35}{6}$ (b) $\frac{33}{6}$
(c) $\frac{31}{6}$ (d) $\frac{45}{6}$

Q4. The value of $\frac{1}{12} \times \frac{3}{4} \times \frac{7}{3}$ is

[APSSB MTS 2023]

- (a) $\frac{7}{48}$ (b) $\frac{7}{49}$
(c) $\frac{4}{48}$ (d) $\frac{8}{49}$

Q5. Equivalent fraction of $\frac{6}{7}$ is

[APSSB MTS 2023]

- (a) $\frac{24}{35}$ (b) $\frac{12}{21}$
(c) $\frac{12}{14}$ (d) $\frac{18}{28}$

Q6. Like fraction are

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[APSSB MTS 2023]

- (a) $\frac{1}{4}, \frac{1}{2}$ (b) $\frac{3}{7}, \frac{4}{7}$
(c) $\frac{9}{12}, \frac{6}{11}$ (d) $\frac{5}{7}, \frac{4}{6}$

Q7. $\frac{9}{15} - \frac{2}{15} =$ _____

[APSSB MTS 2023]

- (a) $\frac{11}{15}$ (b) $\frac{14}{15}$
(c) $\frac{5}{15}$ (d) $\frac{7}{15}$

Q8. The mixed fraction is

[APSSB MTS 2023]

- (a) $\frac{3}{5}$ (b) $\frac{5}{7}$
(c) $9\frac{5}{6}$ (d) $\frac{8}{11}$

Q9. $4\frac{9}{10}$ in decimal is

[APSSB MTS 2023]

- (a) 0.4 (b) 0.9
(c) 4.9 (d) 9.4

Q10. 55.55 in fraction is

[APSSB MTS 2023]

- (a) $\frac{55}{10}$ (b) $\frac{55}{100}$
(c) $\frac{55.55}{1000}$ (d) $\frac{5555}{100}$

Q11. The simplest form of $\frac{16}{36}$ is

[APSSB MTS 2023]

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

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

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

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

Q12. $6\frac{1}{5} + 7\frac{1}{5} =$ _____

[APSSB MTS 2023]

(a) $12\frac{2}{5}$

(b) $14\frac{2}{5}$

(c) $16\frac{2}{5}$

(d) $17\frac{2}{5}$

Q13. Find the value of $6 \times \frac{1}{6}$

[APSSB MTS 20223]

(a) 1

(b) 2

(c) 3

(d) 4

Q14. The reciprocal of $5\frac{1}{9}$ is

[APSSB MTS 2023]

(a) $\frac{9}{46}$

(b) $\frac{46}{9}$

(c) $\frac{9}{47}$

(d) $\frac{47}{9}$

Q15. How many sevenths are there in $8\frac{1}{7}$?

[APSSB MST 2023]

(a) 54

(b) 55

(c) 56

(d) 57

Q16. Which among the following fraction is a proper fraction?

[APSSB LDC 2021]

(a) $\frac{7}{6}$

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

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

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

Q17. $18\frac{2}{3}$ can be written as

[APSSB LDC 2021]

(a) $\frac{56}{3}$

(b) $\frac{36}{3}$

(c) $\frac{54}{3}$

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

Q18. Which among the following is not equivalent to $\frac{2}{3}$?

[APSSB LDC 2021]

(a) $\frac{4}{6}$

(b) $\frac{6}{9}$

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

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

Q19. The equivalent fraction of $\frac{3}{5}$ having denominator 20 is

[APSSB LCD 2021]

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

(b) $\frac{12}{20}$

(c) $\frac{60}{20}$

(d) None of these

Q20. The value of $\frac{7}{8} - \frac{3}{8}$ is

[APSSB LDC 2021]

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

(b) 0

(c) $\frac{10}{16}$

(d) $\frac{1}{4}$

Q21. The sum of $\frac{2}{5}$ and $\frac{3}{5}$ is

[APSSB LDC 2021]

(a) $\frac{6}{25}$

(b) 1

(c) 0

(d) $\frac{5}{10}$

Q22. Value of $2\frac{1}{2} - 1\frac{1}{4}$ is

[APSSB LDC 2021]

(a) $\frac{5}{4}$

(b) $\frac{7}{4}$

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

(d) $\frac{5}{2}$

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Q23. $\frac{2}{5} + \frac{1}{3} =$

- (a) $\frac{3}{8}$
(d) $\frac{11}{15}$

[APSSB LDC 2020]

- (b) $\frac{2}{15}$
(d) None of these

Q24. $2\frac{4}{5} + 3\frac{5}{6} =$

- (a) $\frac{199}{30}$
(c) $\frac{37}{11}$

[APSSB LDC 2020]

- (b) $\frac{23}{30}$
(d) None of these

Q25. $\frac{7}{7} - \frac{5}{7} =$

- (a) $\frac{2}{7}$
(c) $\frac{1}{7}$

[APSSB LDC 2020]

- (b) $\frac{12}{14}$
(d) None of these

Q26. If $x - \frac{5}{8} = \frac{1}{4}$, then $x =$

- (a) $\frac{7}{8}$
(c) $\frac{6}{8}$

(b) $\frac{9}{8}$

(d) None of these

Q27. $12 \div \frac{3}{4} =$

- (a) 9
(c) 16

- (b) 8
(d) 24

Q28. Value of $\frac{5}{6} \times \frac{6}{7} \times \frac{7}{5}$ is

- (a) 1
(c) $\frac{25}{49}$

(b) 0

(d) None of these

Q29. The value of $30 + 6 + \frac{2}{5}$ is

- (a) 36.4
(c) 30.4

- (b) 38.5
(d) 36

Q30. Which part contains the fraction in ascending order?

- (a) $\frac{11}{14}, \frac{16}{19}, \frac{19}{21}$
(c) $\frac{16}{19}, \frac{19}{21}, \frac{11}{14}$

[APSSB LDC 2021]

[APSSB CGL 2021]

- (b) $\frac{16}{19}, \frac{11}{14}, \frac{19}{21}$
(d) $\frac{19}{21}, \frac{11}{14}, \frac{16}{19}$

Q31. What is the different between the biggest and the smallest fraction among $\frac{2}{3}, \frac{3}{4}, \frac{4}{5}$ and $\frac{5}{6}$?

- (a) $\frac{1}{6}$
(c) $\frac{1}{20}$

- (b) $\frac{1}{12}$
(d) $\frac{1}{30}$

[APSSB CGL 2021]

Q32. $\sqrt{\frac{25}{81}} - \frac{1}{9} = ?$

[APSSB CGL 2021]

- (a) $\frac{2}{3}$ (b) $\frac{4}{9}$
(c) $\frac{16}{81}$ (d) $\frac{25}{81}$

Q33. $(2 + \sqrt{2} + \frac{1}{2+\sqrt{2}} + \frac{1}{\sqrt{2}-2})$ simplifies to

[APSSB CGL 2021]

- (a) $2-\sqrt{2}$ (b) 2
(c) $2+\sqrt{2}$ (d) $2\sqrt{2}$

Q34. $3 \div 1\frac{1}{2} = ?$

[APSSB CLDCE Drive 2022]

- (a) 2 (b) $\frac{1}{2}$
(c) 6 (d) $\frac{1}{6}$

Q35. $3034 - \left(\frac{1002}{20.04}\right) = ?$

[APSSB CLDCE Drive 2023]

- (a) 104 (b) 201
(c) 2984 (d) 2800

Q36. Which of the following is greater than $\frac{3}{4}$ and less than $\frac{5}{6}$?

[APSSB CLDCE Drive 2022]

- (a) $\frac{1}{2}$ (b) $\frac{2}{3}$
(c) $\frac{4}{5}$ (d) $\frac{9}{10}$

Q37. One third of $\frac{2}{3}$ is

[APSSB Fireman & Mineral Guard 2023]

- (a) $\frac{2}{9}$ (b) 2
(c) $\frac{3}{2}$ (d) None of these

Q38. $\frac{3^{th}}{4}$ of square of 5 is

[APSSB CHSL 2023]

- (a) $\frac{75}{4}$ (b) $\frac{20}{3}$
(c) $\frac{4}{15}$ (d) $\frac{13}{4}$

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