



MATHMATICES

Sol. 1. (d) place value of 8 = $8 \times 1000 = 80000$

Place value of 7 = $7 \times 100 = 700$

Sol. 2. (c) $986 \approx 1000$

$$25000 + 1000 = 26000$$

Sol. 3. (b) In roman no. L = ss50, l=1

$$51 = LI$$

SOL.4 (B) $\frac{75}{100} = 0.75$

SOL. 5 (D) $1.111 - 0.001 = 1.11$

SOL. 6 (A) $\sqrt{2401} = \sqrt{7 \times 7 \times 7 \times 7} = 7 \times 7 = 49$

$$x = \sqrt{176 + 49} = \sqrt{225} = 15$$

Sol.7.(c) factor of 8 = $2 \times 2 \times 2$

Factor of 12 = $2 \times 2 \times 3$

Factor of 15 = 3×5

Required LCM = $2 \times 2 \times 2 \times 3 \times 5 = 120$

SOL. 8. FIRST NO. = 204

Second no. 714

$$\text{HCF} = 34$$

PRODUCT OF NO. = $\text{HCF} \times \text{LCM}$

$$204 \times 714 = 34 \times \text{LCM}$$

$$\text{LCM} = \frac{145656}{34} = 4284$$

Sol.9.(d) $1111 + 111 + 11 + 11 + ? = 1244$

Sol.10.(c) $8324 + 6321 - 9732 = ?$

$$14645 - 9732 = 4913$$

Sol.11(a) cost of 8 books = Rs 680

$$\text{Cost of 1 book} = \text{Rs } \frac{680}{8}$$

$$\text{Cost of 15 books} = \text{Rs } \frac{680}{8} \times \frac{15}{1} = \text{Rs } 1275$$

Sol.12.(d)(cost of 5 tables = cost of 7 chairs

$$\text{Cost of 1 table} = \text{Rs } 210$$

$$\text{Cost of 5 tables} = \text{Rs } 210 \times 5 = \text{Rs } 1050$$

$$\text{Cost of 7 chairs} = \text{Rs } 1050$$

$$\text{Cost of 1 chair} = 1050 \div 7 = \text{Rs } 150$$

Sol. 13 (c) average of first n odd no. = n

$$N = 9$$

Sol. 14. First no. = 1

Last no. = 53

$$\text{Required average} = \frac{1+53}{2} = \frac{54}{2} = 27$$

Sol.15 (a) average = $\frac{9+11+13+15+17}{5} = \frac{65}{5} = 13$

REASONING

SOL.16 (d) Dhaka is the capital of Bangladesh similarly Tokyo is the capital of

SOL.17 (c) A newspaper is directed by the editor similarly film is directed by director .

SOL.18 (c) $100 = 10 \times 10$

$$121 = 11 \times 11$$

$$144 = 12 \times 12, \text{ then } 169 = 13 \times 13$$

SOL.19 (d) $A+2=C, F+2=H, H-2=F, O-2=M$

THEN, $G+2=I, B+2=D, D-2=B, J-2=H$

SOL 20. (b) except 35 all other are multiple of 9.

SOL. 21(b) $h=8$ even, $q=17$ odd, $t=20$ even, $z=26$ even

SOL.22 (A) $J+5=O, O+4=S, S+3=V, V+2=X$

SOL. 23(C) $N+2=P, P+2=R, R+2=T, T+2=V$

$$2 \times 2 = 4, 4 \times 2 = 8, 8 \times 2 = 16, 16 \times 2 = 32$$

SOL.24 (A) $S-1=R, O-1=N, B-1=A, E-1=D, R-1=Q$

$$L-1=K, O-1=N, T-1=S, U-1=T, S-1=R$$

SOL 25 (A) $R+3=U, O+3=R, A+3=D, D+3=G$

$$S+3=V, W+3=Z, A+3=D, N+3=Q$$

Sol.26 (B)

Sol. 27 (c) no. of students ahead of kavi = $9 - 1 = 8$

$$\text{No. of students after kavi} = 38 - 1 = 37$$

$$\text{Total no. of students in class} = 8 + 37 + 1 = 46$$

Sol. 28 (b) no. of girls to the left of that girls = 18

no. of girls to the right of that girls = 18

$$\text{total no. of girls} = 18 + 18 + 1 = 37$$



MD CLASSES

Solution Scholarship Test

JN SET A 27FEB 2022

sol .29 (d) a day after tomorrow = Tuesday

sol.56(b)

two day after the day after
tomorrow = Tuesday + 2 = Thursday

sol.57(b)

sol .30 (a) Friday will fall on 3,10,17,24,31

sol.58(a)

so it will be 5 Friday on 31

sol.59(c)

sol.60(b)

English

sol 31 (b)

sol.32.(a)

sol.33 (b)

sol.34(a)

sol.35(c)

sol.36(d)

sol.37(c)

sol.38(a)

sol.39 (c)

sol.40 (c)

sol.41(d)

sol.42(b)

sol.43(d)

sol.44(b)

sol.44(a)

sol.45(b)

science

sol.46(b)

sol.47(b)

sol.48.(b)

sol.49.(a)

sol.50(a)

sol.51(a)

sol.52(b)

sol.53(b)

sol.54(c)

sol.55(b)