



Mathematics

SOL. 1 (C) the place value of 3 = $3 \times 1000 = 3000$

The face value of 3 = 3

Sol. 2 (B) the smallest no. of three digit is = 100

Sol .3 (A) $2+0.2+0.02+0.002 = ?$

$$2.000+0.200+0.020+0.002 = ?$$

$$\frac{2000}{1000} + \frac{200}{1000} + \frac{20}{1000} + \frac{2}{1000} = ?$$

$$? = \frac{2222}{1000} = 2.222$$

SOL. 4 (C) $4+4.44+44.4 = 8.44+44.40 = 52.84$

SOL .5 (B) $\sqrt{18769} = 137$

$$\begin{array}{r}
 137 \\
 \hline
 1 \ 187 \ 69 \\
 \hline
 \ 1 \\
 \hline
 23 \ 87 \\
 \hline
 \ 69 \\
 \hline
 267 \ 1869 \\
 \hline
 \ 1869 \\
 \hline
 \times
 \end{array}$$

SOL. 6 (C) The greatest no. of 4 digits = 9999

We find that, $9999 = (99)^2 + 198$

$$\text{So, } (99)^2 = 9999 - 198 = 9801$$

Sol .7 (A) Product of no. = LCM \times HCF

$$\text{LCM} = \frac{\text{Product of no.}}{\text{HCF}}$$

$$\text{LCM} = \frac{144}{8} = 18$$

SOL. 8 (D) Second no. = $\frac{\text{HCF} \times \text{LCM}}{\text{First no.}} = \frac{38 \times 98154}{1558} = 2394$

Sol. 9 (B) Let the no. be x.

$$x - \frac{3}{5}x = 40$$

$$\frac{5x - 3x}{5} = 40 \rightarrow \frac{2x}{5} = 40$$

$$x = \frac{40 \times 5}{2} = 100$$

$$x = 100$$

Sol 10. (c) Let second number be x.

Acc. To the question

$$986864 - x = 345362 + 453532$$

$$x = 986864 - (345362 + 453532)$$

$$x = 986864 - 798894$$

$$x = 187970$$

Sol. 11 (B) 6 MEN CAN COMPLETE THE WORK = 32 DAYS

1 man can complete the work 32×6

$$24 \text{ men complete the work} = \frac{32 \times 6}{24} = 8 \text{ days}$$

Sol. 12 (B) 12 men can complete the work = 16 days

1 man complete the work = 12×16 days

$$\text{Man complete the work} = \frac{12 \times 16}{3} = 64 \text{ days}$$

Sol. 13 (A) acc. To formula,

$$\text{The average of first } n \text{ natural no.} = \left(\frac{n+1}{2}\right)$$

$$n = 51$$

$$\text{Required average} = \frac{51+1}{2} = \frac{52}{2} = 26$$

$$\text{sol. 14 (B) Average} = \frac{a+b+c}{3}$$

Sol. 15 (C) Rs. 3 = 300 paise

$$\text{Required ratio} = \frac{20}{300} = \frac{1}{15} = 1:15$$

REASONING

SOL. 16 (D) FOOD

SOL. 17.(C) Education

Sol. 18 (D)

SOL. 19 (D)

SOL. 20(D) in this eq. M= 4, A=5, G=8, C=6, Then, AICMG=57648

SOL.21(D) Q=15, O= 21, T= 20 THEN, IN= 914

SOL.22(C)

Sol.23 (d) prong > propence > prophet > propine

Sol. 24. (B) no of girls from left of rashmi = $40 - 14 = 26$

Rashmi position from left is = $26 + 1 = 27$

Sol. 25. (c) no. of students after ayush = $45 - 15 = 30$

Rank of ayush from bottom = $30 + 1 = 31$

Sol. 26. (A) BROTHER OF DAUGHTER MEANS SON, wife of her husband means its herself so the man man is the son of rita.



MD CLASSES

Solution Scholarship Test PR SET 1 , Feb 27,2022

Sol.27 (B) the only son of veena grandfather is her father and the son of her father is her brother.

Sol. 28 (D) Each day is repeat after 7 days .so after 364 days it will be Thursday. Hence after 363days it will be Wednesday.

Sol.29.(C) a day before yesterday =Thursday

Yesterday= Thursday +1= Friday

Today= Friday+1= Saturday

Sunday = Saturday+1 = tomorrow

Sol. 30.(B) Each day of week is repeated after 7 days so after 63 days it will be Monday

After 61 days it will be Saturday

SOL.52(b)

SOL.53 (c)

SOL.54 (b)

SOL.55(A)

SOL.56(A)

SOL.57(B)

Sol. 58.(b)

SOL. 59 (d)

SOL.60. (B)

ENGLISH

Sol.31 (B)

Sol. 32. (C)

Sol. 33 (C)

Sol. 34(D)

Sol. 35. (A)

Sol. 36. (B)

Sol. 37. (C)

Sol. 38. (D)

SOL. 39. (D)

SOL.40 (C)

Sol. 41 (A)

SOL. 42 (A)

SOL.43 (A)

SOL.44(D)

SOL.45(A)

SOL.46(A)

SOL.47(A)

SOL.48(D)

SOL.49(D)

SOL.50.(B)