Quantitative Aptitude PDFs for NABARD Office Attendant Mains 2020 Solutions

S1. Ans.(b) Sol. $32 \times \frac{1}{2} = 16$ $16 \times 1 = 16$ $16 \times \frac{3}{2} = 24$ $24 \times 2 = 48$ $48 \times \frac{5}{2} = 120$ $120 \times 3 = 360$		
S2. Ans.(c) Sol. $1^3=1$ $2^2 = 4$ $3^3 = 27$ $4^2 = 16$ $5^3 = 125$ $6^2 = 36$ $\therefore 7^3 = 343$		
S3. Ans.(a) Sol. 635+8=643 643-9=634 634+10=644 644-11=633 633+12=645	adda 241	
$645-13=632$ $645-13=632$ $Sol.$ $1 \times 2 + 2 = 4$ $4 \times 2 + 2 = 10$ $10 \times 2 + 2 = 22$ $22 \times 2 + 2 = 46$ $46 \times 2 + 2 = 94$		TEST SERIES Bilingual Video Solutions SBICLERK MAINS
$94 \times 2 + 2 = 94$ $94 \times 2 + 2 = 190$		25+ TOTAL TESTS eBOOKS

S5. Ans.(e) Sol. $13 \times 2 - 6 = 20$ $20 \times 2 - 6 = 34$ $34 \times 2 - 6 = 62$ $62 \times 2 - 6 = 118$ $118 \times 2 - 6 = 230$ $230 \times 2 - 6 = 454$ OR 13+7=20 $20+(7\times2)=34$ $34+(7\times4)=62$ $62+(7\times8)=118$ $118+(7\times16)=230$ $\therefore 230+(7\times32)=454$

S6. Ans.(b) Sol. The given series is +(13 × 1), +(13 × 2), +(13 × 4), +(13 × 8)

S7. Ans.(b) Sol. The given series is $(-1)^3$, $+(2)^2$, $(-3)^3$, $+(4)^2$, $(-5)^3$

S8. Ans.(e)

Sol. The given series is +(11 × 1), +(11 × 3), +(11 × 5), +(11 × 7), +(11 × 9) So next no. is 302

S9. Ans.(c) Sol. The given series is -(9 × 9), -(9 × 8), -(9 × 7), -(9 × 6), -(9 × 5)

S10. Ans.(c)
Sol. The given series is +(14)², + (13)², +(12)², +(11)², + (10)²
S11. Ans.(c)
Sol. Series is set of prime number
2, 3, 5, 7, 11, 13, 17, 19
So wrong number is 15

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S12. Ans.(b)

Sol. $1 + 2 \times 3 = 7$ $7 + 3 \times 4 = 19$ $19 + 4 \times 5 = 39$ $39 + 5 \times 6 = 69$ $69 + 6 \times 7 = 111$ $111 + 7 \times 8 = 167$ So, wrong number is 40

S13. Ans.(c)

Sol. $3^2 + 1 = 10$ $4^2 + 1 = 17$ $5^2 + 1 = 26$ $6^2 + 1 = 37$ $7^2 + 1 = 50$ $8^2 + 1 = 65$ $9^2 + 1 = 82$ So, wrong number is 81

S14. Ans.(a)

Sol. $22+1 \times 7=29$ $29 + 2 \times 7 = 43$ $43 + 3 \times 7 = 64$ $64 + 4 \times 7 = 92$ $92 + 5 \times 7 = 127$ $127 + 6 \times 7 = 169$ So, wrong number is 21.

S15. Ans.(e)

Sol. 76+2=78 78-3=75 75+4=79 79-5=74 74+6=80 80-7=73 So, wrong number is 75

S16. Ans.(d)

Sol. $2 + 1^3 = 3$ $3 + 2^3 = 11$ $11 + 3^3 = 38$ $38 + 4^3 = 102$ $102 + 5^3 = 227$ \therefore wrong number is 101 which is replaced by 102.



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S17. Ans.(a) **Sol.** $6^2 + 1 = 37$ $7^2 + 1 = 50$ $8^2 + 1 = 65$ $9^2 + 1 = 82$ $10^2 + 1 = 101$ $11^2 + 1 = 122$ \therefore wrong number is 64 which is replaced by 65.

S18. Ans.(c)

Sol. $1^2 - 1 = 0$ $2^2 - 1 = 3$ $3^2 - 1 = 8$ $4^2 - 1 = 15$ $5^2 - 1 = 24$ $6^2 - 1 = 35$ \therefore wrong number is 18 which is replaced by 15.

S19. Ans.(e)

Sol. $70 \times \frac{1}{2} = 35$ $35 \times 1 = 35$ $35 \times \frac{3}{2} = 52.5$ $52.5 \times 2 = 105$ $105 \times \frac{5}{2} = 262.5$ \therefore wrong number is 262 which is replaced by 262.5.

S20. Ans.(d)

Sol. $2 \times 2 = 4$ $4 \times 2 = 8$ $8 \times 2 = 16$ $16 \times 2 = 32$ $32 \times 2 = 64$ \therefore wrong number is 30 which is replaced by 32.

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