# Quantitative Aptitude PDFs for NABARD Office Attendant Mains 2020 

 SolutionsS1. 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
$643-9=634$
$634+10=644$
$644-11=633$
$633+12=645$
$645-13=632$

S4. Ans.(d)
Sol.
$1 \times 2+2=4$
$4 \times 2+2=10$
$10 \times 2+2=22$
$22 \times 2+2=46$
$46 \times 2+2=94$
$94 \times 2+2=190$


## 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
$13+7=20$
$20+(7 \times 2)=34$
$34+(7 \times 4)=62$
$62+(7 \times 8)=118$
$118+(7 \times 16)=230$
$\therefore 230+(7 \times 32)=454$

## S6. Ans. (b)

Sol. The given series is
$+(13 \times 1),+(13 \times 2),+(13 \times 4),+(13 \times 8)$

## 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
$+(11 \times 1),+(11 \times 3),+(11 \times 5),+(11 \times 7),+(11 \times 9)$
So next no. is 302

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

## 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

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 .

## 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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