global warming pollution than the said cars and trucks.
$E$. The major cause of global warming is the emission of greenhouse gases like carbon dioxide, methane, nitrous oxide, etc, into the atmosphere.
F. These power plants emit large amounts of carbon dioxide produced from burning of fossil fuels for the purpose of electricity generation.
26. Which of the following would be the SECOND sentence after rearrangement?
A. E
B. B
C. C
D. D
E. A
27. Which of the following would be the THIRD sentence after rearrangement?
A. A
B. B
C. C
D. D
E. F
28. Which of the following would be the FIRST sentence after rearrangement?
A. A
B. B
C. C
D. D
E. E
29. Which of the following would be the SIXTH sentence after rearrangement?
A. A
B. B
C. C
D. D
E. E
30. Which of the following would be the FOURTH sentence after rearrangement?
A. A
B. B
C.
D. D
E. E

Direction (31-43) : What value will come in place of the question mark (?) in the following question?
31. $\sqrt{576}+\sqrt{?}=\sqrt{1764}$
A. 256
B. 196
C. 676
D. 324
E. 484
32. $2 \frac{1}{4} \times \frac{1}{3}+$ ? $=5$
A. $2 \frac{1}{12}$
B. $4 \frac{1}{3}$
C. $4 \frac{1}{4}$
D. $4 \frac{1}{12}$
E. $2 \frac{1}{7}$
$33.16 \frac{7}{8} \div 1 \frac{11}{16}$ of $4=$ ?
A. $4 \frac{1}{2}$
B. $2 \frac{1}{4}$
C. $2 \frac{1}{2}$
D. $4 \frac{1}{4}$
E. $3 \frac{1}{8}$
34. $253 \div 11 \times ?=124-32$
A. 4
B. 2
C. 5
D. 3
E. 1
35. $42^{2}+4^{2}-484=6$ ?
A. 5
B. 4
C. 8
D. 2
E. 6
36. $\left(2 \frac{1}{6} \div 5 \frac{1}{18}\right)+?=7$
A. $3 \frac{1}{7}$
B. $4 \frac{1}{9}$
C. $6 \frac{1}{6}$
D. $6 \frac{4}{7}$
E. $51 / 6$
37. $3025 \div(?+17)=11^{2}$
A. 6
B. 8
C. 3
D. 18
E. 13
38. $? \%$ of $450+1240=1600$
A. 40
B. 60
C. 80
D. 72
E. 75
39. $81^{3} \times 6^{2} \times 18^{-2}=3^{12-?}$
A. 4
B. 8
C. 2
D. 5
E. 3
40. $(428-?) \div 16 \times 25=300$
A. 276
B. 324
C. 428
D. 272
E. 236
41. $244.28+22.42+?=300$
A. 42.13
B. 44.23
C. 33.3
D. 31.7
E. 46.44
42. On giving a discount of $25 \%$ on the MRP of an article, the trader earns a profit of $20 \%$. If the difference between the MRP \& CP of the article is 180 Rs. What is the MRP of the article? (in Rs)
A. 400
B. 480
C. 540
D. 420
E. 510
43. Diameter of a circular field is equal to the side of a of a square field. If the total cost of fencing the circular field is Rs 440 (@ of Rs 5 per meter), what is the perimeter of the square fields? (in metre)
A. 104
B. 116
C. 128
D. 88
E. 112
44. A boat takes 5 hrs to travel 105 km downstream. The speed of the boat in downstream is 1.4 times of the speed of the boat in upstream. What is the speed of the current? (in kmph)
A. 3
B. 4
C. 3.5
D. 2.5
E. 5
45. Ratio of milk to water in $X$ litres of mixture is $4: 1$. Half of the mixture is taken out \& 24 liters of water is added to remaining mixture such that quantity of milk \& water in Resultant mixture become same. What is the value of $X$ ?
A. 60 litres
B. 80 litres
C. 100 litres
D. 40 litres
E. None of these
46. Difference of two sides of rectangle is 5 cm (length $>$ breadth). Breadth of Rectangle is equal to the side of square whose area is $144 \mathrm{~cm}^{2}$. Find the perimeter of rectangle.
A. 38 cm
B. 17 cm
C. 58 cm
D. 19 cm
E. None of these
47. Speed of boat in still water is 21 kmph \& speed of current is 3 kmph . The boat completes round trip from $A$ to $B$ \& then back to $A$ in 7 hrs. Find the distance between A \& B.
A. 36 km
B. 48 km
C. 72 km
D. 84 km
E. 144 km
48. Ali travels at a speed of X kmph to cover a distance of 36 km in 54 min . Shyam takes 30 mins to cover same distance. Find the difference of their speed.
A. $40 \mathrm{~km} / \mathrm{hr}$
B. $24 \mathrm{~km} / \mathrm{hr}$
C. $36 \mathrm{~km} / \mathrm{hr}$
D. $32 \mathrm{~km} / \mathrm{hr}$
E. None of these
49. Some amount is deposited at the rate of $20 \%$ compound interest per annum. Difference between interest accrued at end of $1^{\text {st }} \& 2^{\text {nd }}$ year is 1200 Rs. Find the value of $P$ ?
A. 24,000 Rs.
B. 30,000 Rs.
C. 36,000 Rs.
D. $40,000 \mathrm{Rs}$.
E. None of these
50. A takes $20 \%$ more time than $B$ and they both completes the work in 8 $\frac{2}{11}$ days. Find in how much time $A$ can do the half of the work.
A. 9days
B. 18days
C. 12days
D. 15days
E. 21days

Direction (51-55) : Find the wrong term in given number series.
51. 12, 15, 17, 21, 26, 32, 39
A. 12
B. 15
C. 17
D. 21
E. 26
52. 6, 7, 11, 20, 32, 61, 97
A. 11
B. 20
C. 32
D. 61
E. 97
53. $5000,250,100,30,12,6,3.6$
A. 5000
B. 250
C. 100
D. 30
E. 12
54. 120, 128, 125, 140, 130, 145, 135
A. 120
B. 128
C. 125
D. 140
E. 130
55. 1440, 240, 48, 12, 4, 3, 2
A. 48
B. 12
C. 4
D. 3
E. 2

Direction (56-60): Read carefully the following data carefully and answer the following Questions.
Number of pen sold by four stores A, B, C and $D$ the on 5 different days of the week from Monday to Friday is given in the table.

| DAY | A | B | C | D |
| :--- | :--- | :--- | :--- | :--- |
| MON | 27 | 33 | 21 | 9 |
| TUE | 32 | 31 | 28 | 29 |
| WED | 38 | 50 | 34 | 16 |
| THU | 16 | 26 | 15 | 13 |
| FRI | 36 | 45 | 20 | 24 |

56. On Friday, out of total number of pen sold by stores B, C and D, 20\%, 15\% and $75 \%$ respectively were of brand X , what is the total number of pen of brand $X$ sold by stores $B, C$ and $D$ together on Friday?
A. 50
B. 20
C. 40
D. 42
E. 30
57. Find the Average number of pens sold by store A on Monday, Tuesday and Thursday.
A. 35
B. 30
C. 25
D. 28
E. 32
58. What is the ratio between the total number of pen sold by stores $B, C$ and $D$ together on Monday and that sold by the same stores on Thursday?
A. $5: 7$
B. $7: 6$
C. $4: 7$
D. $7: 5$
E. $6: 5$
59. On Saturday the number of pen sold by store A was $5 / 9^{\text {th }}$ of that sold on Friday by the same store. What was the number of pen sold by store A on Saturday?
A. 10
B. 15
C. 20
D. 25

## E. 23

60. What is the difference between number of pen sold by store $A$ on Wednesday and the total number of pen sold by stores $C$ and $D$ on the same day?
A. 10
B. 15
C. 12
D. 14
E. 16

Direction: In the following question two equations are given in variables Xand $Y$. You have to solve these equations and determine relation between $X$ and $Y$.
61. $x^{2}+5 x+4=0$
$y^{2}+4 y+3=0$
A. If $X>Y$
B. If $X<Y$
C. If $X \geq Y$
D. If $X \leq Y$
$E$. If $X=Y$ or No relation can be established

Direction (62-66) : In the following question two equations are given in variables $X$ and $Y$. You have to solve these equations and determine relation between $X$ and $Y$.
62. $(x-9)^{2}=0$
$Y=\sqrt{ } 81$
A. $X>Y$
B. $X<Y$
C. $X \geq Y$
D. $X \leq Y$
$E$. $X=Y$ or No relation can be established
Direction: In the following question two equations are given in variables Xand $Y$. You have to solve these equations and determine relation between $X$ and $Y$.
63. $6 x^{2}+5 x+1=0$
$15 y^{2}+8 y+1=0$
A. If $X>Y$
B. If $X<Y$
C. If $X \leq Y$
D. If $X \geq Y$
E. If $X=Y$ or No relation can be established

Direction: In the following question two equations are given in variables Xand $Y$. You have to solve these equations and determine relation between X and Y .
64. $x^{2}-7 x+10=0$
$y^{2}-5 y+6=0$
A. If $X>Y$
B. If $X<Y$
C. If $X \geq Y$
D. If $X \leq Y$
$E$. If $X=Y$ or No relation can be
established

Direction: In the following question two equations are given in variables Xand $Y$. You have to solve these equations and determine relation between X and Y .
65. $\mathrm{x}+18=32$
$y^{2}=196$
A. If $X>Y$
B. If $X<Y$
C. If $X \geq Y$
D. If $X \leq Y$
E. If $X=Y$ or No relation can be established

