S1. Ans.(b)
Sol. Option (b) is the correct answer choice. Option (b) can be traced from the very line of the 1st paragraph of passage where it is stated as "Walking into S Saravanan's ongoing exhibition at Artworld: Sarala's Art Centre, is like entering a sandstorm; shades of yellow ochre engulf you."

S2. Ans.(d)
Sol. Option (d) is the correct answer choice.
Tactile- of or connected with the sense of touch.
Option (a) and (b) can be traced from the 2nd paragraph of passage where it is stated as "Yet, there is an insistence, an overpowering urge to touch the surface, like an old wound that demands to be caressed in order to aid memories. Made with texture white — a multipurpose resin medium that aids in the development of textures — on canvas, the piece helps compose a movement, a back and forth, between two sensibilities; that of sight (the figure itself) and touch (the medium). This dance that pushes the viewer to physically engage with the works is mostly experienced with Saravanan's paintings in the exhibition." Option (c) can be traced from the last lines of the 2nd paragraph ""The forests and sand take on such a tone at around four or five in the evening," he said. The piece's tactility is further enhanced by the decorative patterns that crowd the background of the otherwise softly contoured figure."

S3. Ans.(b)
Sol. Option (b) is the correct answer choice. Option (b) can be traced from the 1st paragraph of passage where it is stated as "Only by standing afar can one really see the figures — all angular and Picasso-esque — that comprise his works. Dream for instance, is one of the larger works in this show, depicting the full frontal face of a figure, the long eyelashes and circular patterns near the earlobes hinting at a feminine disposition."

S4. Ans.(d)
Sol. Option (d) is the correct answer choice. Option (a) and Option (b) can be traced from the last paragraph of passage where it is stated as "Whether through the forms themselves or through what they exemplify, Saravanan has portrayed generic aspects of tribal life. His paintings Tribals, Love, and Mother and Daughter among others, all delineate figures that are reflected in the metal relief works displayed at the other end of the gallery. Here, religious and mythological figures are given due consideration: Radha, Krishna, Ganesha and Buddha all form part of the artist's pantheon of tribal deities, in line with the general theme of the show."

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S5. Ans.(a)
Sol. Option (a) is the correct answer choice. Option (a) can be traced from the last paragraph of passage where it is stated as "What would have bolstered Saravanan's remarkable tryst with forms is an anchoring into specificities of the regions that undoubtedly inspire him."

S6. Ans.(a)
Sol. Option (a) is the correct answer choice.
Disposition- a person's inherent qualities of mind and character
All the other given options are synonyms of the given word but in context of the law. So the suitable answer choice is option (a).

S7. Ans.(d)
Sol. Option (d) is the correct answer choice.
Emanates- (of a feeling, quality, or sensation) issue or spread out from (a source)
Ensue- happen or occur afterwards or as a result.
Halt-bring or come to an abrupt stop.
Repress- subdue (someone or something) by force.

S8. Ans.(a)
Sol. 'delineate' means describe or portray (something) precisely. Portray means depict (someone or something) in a work of art or literature. Hence option (a) is correct.

S9. Ans.(d)
Sol. Diplomatic means political.
Consular means 'of or concerning diplomacy';
Both of these options fit most appropriately in the given as before priority that must be at a top position it must be related to something which is politically related considering President and its matters Donald Trump.
Rough and Obsessed do not relate to the context.

S10. Ans.(b)
Sol. Mirrors and reflects are the synonyms which fit most suitably in the given blank.The sentence means that the high level of prices which assets have today portray the earlier trend which house prices used to have.
Mockeries means ridicule or derision.
Refracts me**Ans.(**of water, air, or glass) make (a ray of light) change direction when it enters at an angle.
Hence these are not relevant to the context of the sentence.

S11. Ans.(a)
Sol. Protected and safeguarded both are the synonyms which mean protect from harm or damage with an appropriate measure. Here these two are the appropriate words because the sentence speaks of citizens who have not been charged with a criminal act so, the rights of these citizens must be protected and safeguarded at any cost.
Marred means '*impair the quality or appearance of; spoil*'.
Sabotaged means '*deliberately destroy, damage, or obstruct (something), especially for political or military advantage.*' These are inappropriate words to be used in the sentence.

S12. Ans.(c)
Sol. Inadequacy means the state or quality of being inadequate; lack of the quantity or quality required.
Inefficiency means he state of not achieving maximum productivity; failure to make the best use of time or resources.
Here these two are the words that can be used as economic growth will be hampered since some laws hold or breed inefficiency that is inadequacy.
Artifice means clever or cunning devices or expedients, especially as used to trick or deceive others.

S13. Ans.(a)
Sol. Acrimony means bitterness or ill feeling.
Animosity means strong hostility.
These both are the synonyms. Here these two words will fit in the sentence as the setback in India and Pakistan relations can only be due to the bitterness or acrimony in any proposal.
Concord means agreement or harmony between people or groups
Amenity means the pleasantness or attractiveness of a place.

S14. Ans.(e)
Sol. Gradually means by degrees.
Slowly means at a slow speed; not quickly.
Apace means swiftly.
Forcibly means using force or violence.

S15. Ans.(c)
Sol. There are errors in parts (A), (B) and (D). There is no error in part (C) .
Part (A) must be 'one of the biggest'. Usage of article 'the' is necessary before superlative degree of the word 'big'.
Part (B) must be 'problem we face in'
Part (D) must be 'inability to'.
Hence option (c) is the correct answer.

S16. Ans.(a)
Sol. There are errors in parts (B) ,(C) and (D).
Part (A) is free of error.
The correction is as follows:
Part (B) must be goods and services.
Part (C) must be not freely available.
Part (D) must be and thus the prices are.

S17. Ans.(d)
Sol. Only part (D) of the sentence is correct. Parts (A), (B) and (C) are erroneous.
In the part (A), the Heads of Government must be used as there are more than one country. So, there should be more than one head.
In the part (B), of the countries must be used. The usage of article 'the' is required.
In the part (C), which are members must be used because we are not talking about a singular country instead a plural noun that is, countries so its members.

S18. Ans.(a)
Sol. Only part (A) is correct.
In the part (B) the preposition 'for' must be replaced by 'of' whereas in the part (C) the preposition 'of' must be replaced by 'for'. In the part (D), 'have' must be replaced with 'has' since this verb takes the form of new knowledge and new ways.

S19. Ans.(a)
Sol. Except the part (a), all other options are erroneous.
Since the partition and bloodletting are uncountable nouns it will take a conjunction 'that' and not 'who' in part (B).
Furthermore in the part (C), our Independence took up. This is so because these events have already happened in the past.
In the part (D), 'many of the must' be replaced by 'much of the'.

S20. Ans.(b)
Sol. Option (b) is the only choice which is the correct option.
Rest all of the options are incorrect.
The part (A) must have given unresponsive political parties.
The part (C) must be 'centres of power'.
The part (D) must be 'and privilege'.

S21. Ans.(b)
Sol. Despite having will be used because after 'Despite' , 'of' is not used, instead direct noun or gerund (V+ing) is used. For example,
Despite his hard work ,he did not succeed.
Despite working hard, he did not succeed.

S22. Ans.(c)
Sol. 'Merely to achieve' will be used instead of 'By merely to achieve' because after Subject +be(is/are/am/was/were) we use Infinitive so before infinitive 'by' preposition or any other preposition is not used like :
(i)She is to buy a car
(ii)She was to open a school
(iii)He was merely to receive the visitors.

S23. Ans.(a)
Sol. 'Has prepared to' will not be used , instead 'was prepared to' will be used because the given sentence is in indirect narration in which reporting verb 'declared' is in past tense and because of which reported speech will also be in past tense.

S24. Ans.(e)
Sol. There is no error in the given question.

S25. Ans.(b)
Sol. Nor should be used in place of 'or' because we use 'nor' with 'neither'.

S26. Ans.(d)
Sol. The appropriate word here to be used is 'approach'. The sentence implies to say that over the last some years a different outlook to economics has been slowly birthing. Act, restrain, agreement and judgment are inappropriate words to be used here.

S27. Ans.(c)
Sol. The most suitable word to be used here in the blank is 'diminishing' which means reducing. This is so because here returns are referred where increasing is already mentioned .Now a comparison is needed which will require to use a word 'diminishing'. So increasing as well as reducing returns could be present in an economic situation.

S28. Ans.(b)
Sol. The most suitable word to be used here is 'constantly'. This is so because here it is given that the economy is not something given and existing but forms from a developing set of institutions. Institutions could only be constantly developing and not defectively, worthlessly or disloyally developing. Arranged is not the proper form to be used here. Hence constantly is the word to be used.

S29. Ans.(a)
Sol. Option (a) is the suitable choice to be used here. Innovations means change, altering, a new method, altering. Here a developing set of institutions, arrangements, and technological innovations that are new methods are referred. Reductions, drawings, affirmation and distractions cannot be used with technological as they do not go with the context of the sentence.

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S30. Ans.(e)

Sol. Here option (e) is the appropriate answer. As along with other words like strategize, explore, forecast, compete, learn, innovate, the word that can only be used is adapt which goes with the context. Rest all words are not in context. Clash means a violent confrontation.

Annoy means make (someone) a little angry; irritate.

Solutions (31-35):

More than four persons are living above P4. P3 lives below P4 and above P5. Only one person is living between P5and P7. Three persons are living between P6 and P1. So, we have the following arrangement:

Floors	Persons
9	P6/P1
8	
7	
6	
5	P6/P1
4	P4
3	P7
2	P3
1	P5

P2 lives immediately above P9 and immediately below P8. P1 is living belowP8. So the final arrangement:

Floors	Persons
9	P6
8	P8
7	P2
6	P9
5	P1
4	P4
3	P7
2	P3
1	P5

S31. Ans.(e)

S32. Ans.(b)

S33. Ans.(b)

S34. Ans.(a)

S35. Ans.(d)

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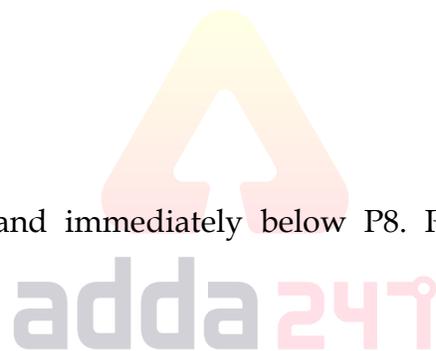
S36. Ans.(a)
Sol. G

S37. Ans.(d)
Sol. %U&, &F€, €MG

S38. Ans.(c)
Sol. &

S39. Ans.(a)
Sol. B#£

S40. Ans.(b)
Sol. A©6

Solutions (41-45): Sol. Ana sits second to the right of Danny. Two persons sit between Danny and Charlie. Fredrick sits immediate right of Bony who does not sit at the corner. Henry is an immediate neighbor of Charlie. So we have four cases:
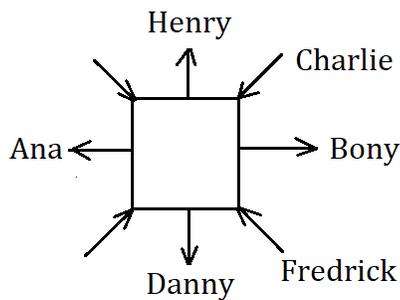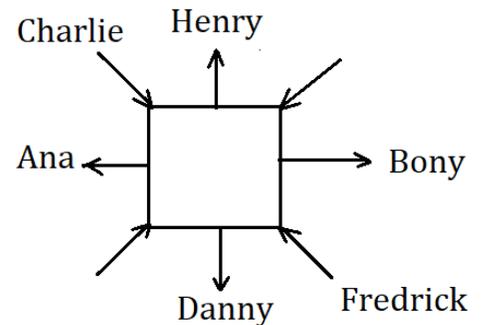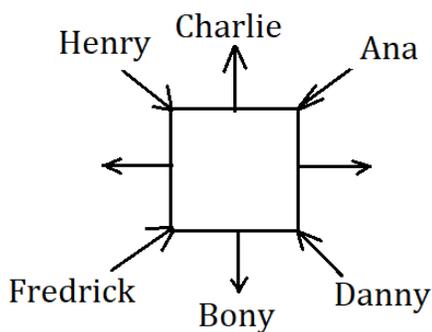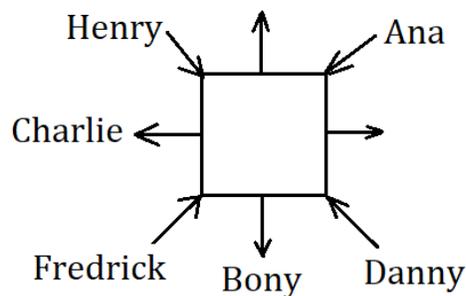
case-1

case- 2

case- 3

case- 4

Garry sits second to the left of Emma who sits at the middle of the table. So the case-1, case2, case3 are eliminated. Hence the final arrangement is:

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Henry   Garry   Ana
Charlie ← □ → Emma
Fredrick   Bony   Danny
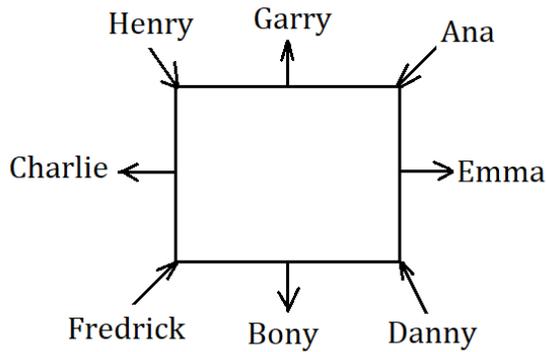
S41. Ans.(a)
S42. Ans.(b)
S43. Ans.(d)
S44. Ans.(e)
S45. Ans.(d)

Solutions (46-48):

J —21m— N
7m | | 7m
L —21m— M —7m— S
7m | | 7m
Q —21m— R
P
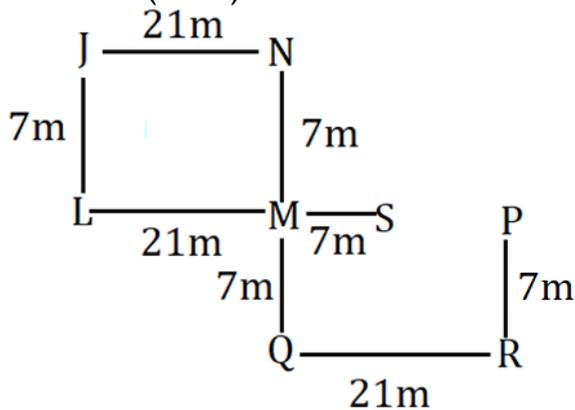
S46. Ans.(b)
S47. Ans.(b)
S48. Ans.(a)

Solutions (49-53): Three persons are sitting to the left of U. S sits immediate right of U and both faces in opposite **Solutions** to each other. Y who is not an immediate neighbor of S sits second to the right of X who sits at one of the extreme ends of the line. V sits fifth to the left of T who faces in the south direction. Y faces north direction. So we have two cases:

Case 1

X   T   Y   U   S   V

Case 2

T   S   U   Y   V   X
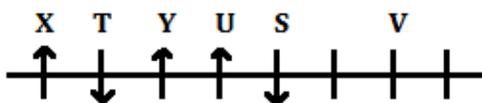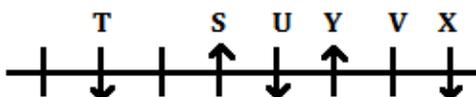
Only one person sits between Z and W and both of them faces in the same direction. Z does not sit at the extreme end of the line. Persons sitting at the extreme ends are facing in the same direction means both X and W faces same direction in both cases. Not more than two persons having same direction are sitting adjacent to each other. So, case-2 is eliminated. Hence the final arrangement is:
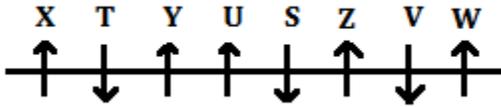
S49. Ans.(c)
S50. Ans.(b)
S51. Ans.(a)
S52. Ans.(d)
S53. Ans.(c)

Solutions (54-55)
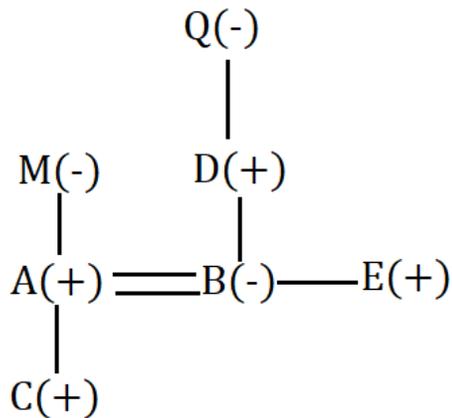
S54. Ans.(c)
S55. Ans.(b)

Solutions (56-60): A takes admission in April. Only one student takes admission between A and D. Two students take admission between B and E.B takes admission before E. So we have four cases:

	Case-1	Case-2	Case-3	Case-4
January	D	D	B	
March	B			
April	A	A	A	A
July		B	E	B
August	E		D	D
October				
November		E		E

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C takes admission before D and after B. So case-1, case-2, case-4 are eliminated. F take admission in one of the month after D. G does not take admission in November. So the final arrangement is:

January	B
March	C
April	A
July	E
August	D
October	G
November	F

S56. Ans.(c)
S57. Ans.(a)
S58. Ans.(c)
S59. Ans.(e)
S60. Ans.(c)

Solutions (61-63):
Q >P (65lakh) >R >S (55lakh) >T>W

S61. Ans.(a)
S62. Ans.(d)
S63. Ans.(d)

S64. Ans.(b)
Sol. I. Z>W (False)   **II.** Y≤T (True)

S65. Ans.(c)
Sol. I. F≤A (False)   **II.** F>A (False)

S66. Ans.(b)
Sol. required answer = (500+400+450) – (300 + 250 + 200) = 600

S67. Ans.(d)
Sol. required % = $\frac{100}{200} \times 100 = 50\%$

S68. Ans.(a)
Sol. required ratio = 400 : (450 – 200) = 8 : 5

S69. Ans.(e)
Sol. total patients who have visited on Friday = 600
Total patients referred on Friday = 120
Required difference = 250 – 120 = 130

S70. Ans.(c)

Sol. % of referred on Monday = $\frac{300}{500} \times 100 = 60\%$

% of referred on Tuesday = $\frac{250}{400} \times 100 = 62.5\%$

% of referred on Wednesday = $\frac{200}{450} \times 100 = 44.44\%$

S71. Ans.(b)

Sol. CP = $520 \times \frac{90}{100} \times \frac{100}{117} = Rs\ 400$

S72. Ans.(e)

Sol. no. of ways to arrange all 8 persons in a row = 8!

No. of ways when 2 specific person always sit together = 7! × 2!

Required no. of ways = 8! – 7! X 2! = 6 X 7! = 30240

S73. Ans.(a)

Sol. 1 day work of all = $\frac{1}{5} + \frac{1}{4} = \frac{9}{20}$

Required time = $\frac{20}{9} = 2\frac{2}{9}\ days$

S74. Ans.(d)

Sol. Ratio of speed

Veer : Ayush = 4 : 5

Required ratio = $(4 \times 3) : (5 \times 3) = 4 : 5$

S75. Ans.(b)

Sol. let height of cone be h cm

ATQ, $\frac{1}{3} \times \frac{22}{7} \times 36 \times h = 792$

h = 21 cm = side of square

required area = 441 sq.cm.

S76. Ans.(c)

Sol. let salary of B be Rs 100x

Salary of A = Rs 140x

Salary of C = Rs 85x

Required % = $\frac{55x}{140x} \times 100 = 39\frac{2}{7}\%$

S77. Ans.(d)

Sol. required probability = $\frac{4 \times 6}{10_{C_2}} + \frac{4_{C_2}}{10_{C_2}} = \frac{2}{3}$

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S78. Ans.(e)
Sol. CP of mixture = Rs 30 per kg
Using allegation

```
35              28
        30
2               5
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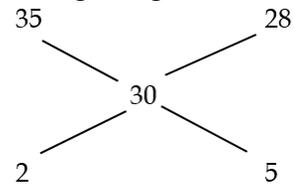
Required ratio = 2 : 5

S79. Ans.(a)
Sol. let length and speed of train be l m & s m/s

ATQ, $\frac{l+450}{15} = \frac{l}{3.75}$

l = 150 m

s = 40 m/s

required time = $\frac{300}{40} = 7.5\ sec$

S80. Ans.(b)
Sol. required temperature = $36 \times 7 - (35 \times 3 + 38 \times 3) = 33\ °C$

S81. Ans.(e)
Sol. I. $x^2 + 3x + 2x + 6 = 0$
(x + 2) (x + 3) = 0
x = -3, -2
II. $y^2 + 4y + 3y + 12 = 0$
(y + 4) (y + 3)= 0
y = -4, -3
clearly, x ≥ y

S82. Ans.(c)
Sol. I. $2x^2 + 6x - x - 3 = 0$
(2x – 1) (x + 3) = 0
x = -3, $\frac{1}{2}$
II. $3y^2 - 3y + y - 1 = 0$
(3y + 1) (y – 1) = 0
y = $-\frac{1}{3}$, 1
clearly, no relation

S83. Ans.(a)
Sol. from I & II
x = 2
y = 1
clearly, x > y

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S84. Ans.(d)

Sol. I. $x^2 - 7x - 6x + 42 = 0$

(x – 7) (x – 6) = 0

x = 6, 7

II. $y^2 - 9y - 8y + 72 = 0$

(y – 9) (y – 8) = 0

y = 8, 9

clearly, x < y

S85. Ans.(d)

Sol. I. $x^2 - 23x + 4x - 92 = 0$

(x – 23) (x + 4) = 0

x = -4, 23

II. when x = -4; y = 80

When x = 23; y = 26

Clearly, x < y

S86. Ans.(b)

Sol. $\frac{?}{100} \times 350 - 361 + 1260 = 1032$

$\frac{?}{100} \times 350 = 1032 - 899$

? = 38

S87. Ans.(a)

Sol. $(?)^2 = 39 + 420 + 217$

$(?)^2 = 676$

? = 26

S88. Ans.(d)

Sol. $\frac{46}{100} \times 1500 + \frac{36}{100} \times 750 = ? + 420$

? = 690 + 270 − 420

? = 540

S89. Ans.(d)

Sol. $? \times 13 = \frac{161}{6} \times \frac{156}{23}$

$? = \frac{182}{13}$

? = 14

S90. Ans.(c)
Sol. $\frac{?+26}{100} \times 1200 = 500 - 20$

$? + 26 = \frac{480}{12}$

$? = 14$

S91. Ans.(d)
Sol. $512 \div ? \times 6 = 192$

$? = \frac{512 \times 6}{192}$

$= 16$

S92. Ans.(a)
Sol. $432 \div 48 \times 602 \div 86 = ?$

$9 \times 7 = ?$

$? = 63$

S93. Ans.(b)
Sol. $\frac{3}{8} \times ? - 28 = 89$

$? = 312$

S94. Ans.(a)
Sol. $1\frac{3}{5} \times \frac{5}{6} \times \frac{5}{8} \, of \, \frac{3}{2} \times ? = 150$

$\frac{8}{5} \times \frac{5}{6} \times \frac{15}{16} \times ? = 150$

$? = 120$

S95. Ans.(b)
Sol. $? = \frac{2.16 \times 31.25}{27}$

$? = 2.5$

S96. Ans.(d)
Sol. Missing number = 118
Pattern of series –
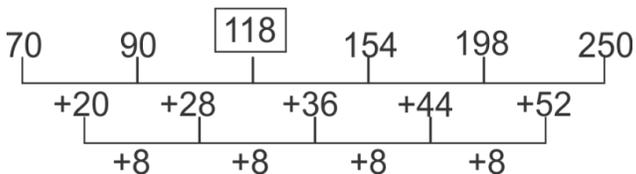
S97. Ans.(b)
Sol. Missing number = 100
Pattern of series –

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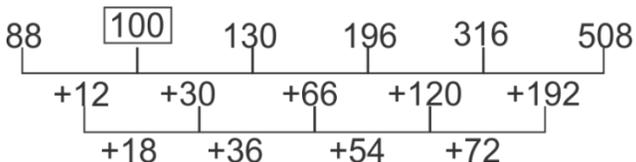
S98. Ans.(a)

Sol. Missing number = 81

Pattern of series –

81   90   126   207   351   576

   +9   +36   +81   +144   +225

  $(3)^2$ $(6)^2$ $(9)^2$ $(12)^2$ $(15)^2$
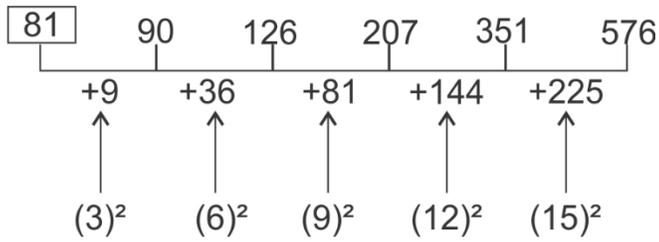
S99. Ans.(b)

Sol. Missing number = 161

Pattern of series –

100   101   98   107   80   161

  +1   -3   +9   -27   +81

  3^0 3^1 3^2 3^3 3^4
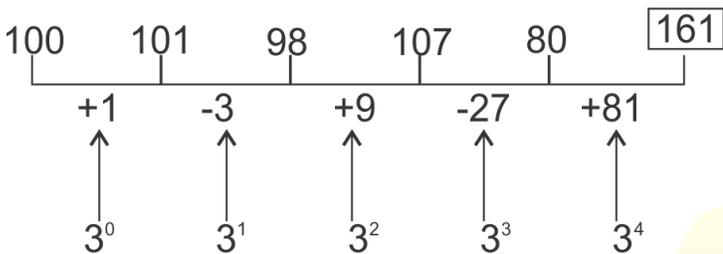
S100. Ans.(c)

Sol. Missing number = 204

Pattern of series –

2   2   3   8   35   204

  ×2-2 ×3-3 ×4-4 ×5-5 ×6-6

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