



Adda 247 Publications

BOOKS



Visit: publications.adda247.com & store.adda247.com
For any information, mail us at publications@adda247.com

REASONING ABILITY

Direction (1-5):

Sol.

Month	Persons
January	E
April	D
May	G
June	F
July	H
August	A
October	B
December	C

S1. Ans.(a);

S2. Ans.(d);

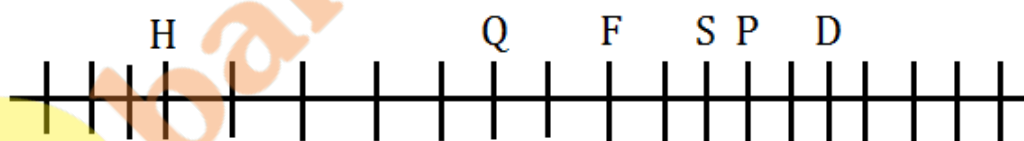
S3. Ans.(c);

S4. Ans.(b);

S5. Ans.(c);

Direction (6-10):

Sol.



S6. Ans.(a); ;

S7. Ans.(c);

S8. Ans.(d);

S9. Ans.(b);

S10. Ans.(e)

TEST SERIES

Bilingual

VIDEO SOLUTIONS



IBPS CLERK MAINS

PRIME

25+ TESTS | eBooks

Validity : 12 Months

S11. Ans.(c);

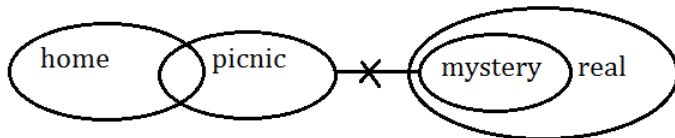
Sol.

C H L O R I N E
└───┘

Direction (12-15):

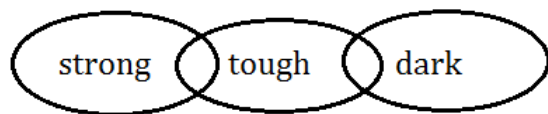
S12. Ans.(a);

Sol.



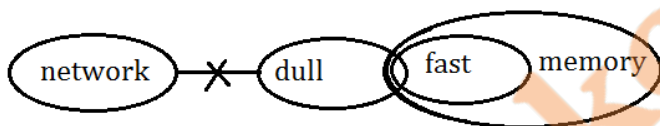
S13. Ans.(d);

Sol.



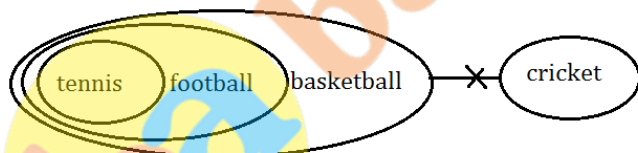
S14. Ans.(e)

Sol.



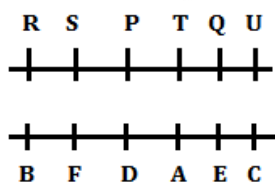
S15. Ans.(e)

Sol



Direction (16-20):

Sol.



S16. Ans.(b);

S17. Ans.(c);

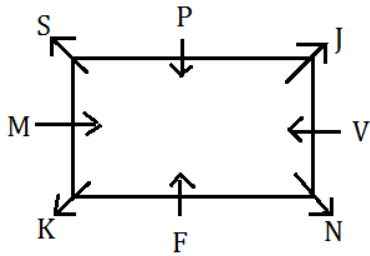
S18. Ans.(e)

S19. Ans.(a); ;

S20. Ans.(e)

Direction (21-25):

Sol.



S21. Ans.(d);

S22. Ans.(b);

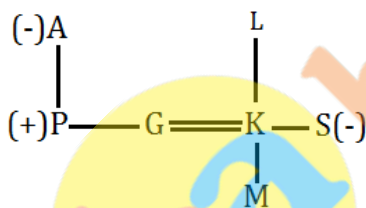
S23. Ans.(e)

S24. Ans.(a); ;

S25. Ans.(c);

Direction (26-28):

Sol.



S26. Ans.(e)

S27. Ans.(a);

S28. Ans.(b);

S29. Ans.(c);

Sol. "STIR"

Directions (30-33):

S30. Ans.(b);

S31. Ans.(d);

S32. Ans.(d);

S33. Ans.(c);

S34. Ans.(c);

Sol.

4 8 5 7 9 4 3 6 2
3 9 4 8 8 5 2 7 1

S35. Ans.(e)

QUANTITATIVE APTITUDE

S36. Ans(b)

Sol. $293 + ? = 324$

$? = 31$

S37. Ans.(c)

Sol. $34 \times ? = \frac{17}{100} \times 500 \times \frac{1}{10}$

$? = \frac{8.5}{34} = 0.25$

S38. Ans.(a)

Sol. $23 + 72 = ? + 16 - 35$

$? = 114$

S39. Ans.(e)

Sol. $246 - 250 = ? - 693$

$? = 689$

S40. Ans.(d)

Sol. $\frac{360}{?} = 73 + 27$

$? = 3.6$

TEST SERIES

Bilingual



**LIC ASSISTANT
MAINS**

25 TOTAL TESTS

Validity : 12 Months

S41. Ans(a)

$$\text{Sol. } \frac{1}{2} - \frac{3}{5} + \frac{14}{3} = ? + \frac{5}{6}$$
$$\frac{15 - 18 + 140}{30} - \frac{5}{6} = ?$$
$$? = \frac{112}{30} = 3\frac{11}{15}$$

S42. Ans.(d)

$$\text{Sol. } 15 + 67 - ?^2 = 18$$
$$? = 8$$

S43. Ans.(e)

$$\text{Sol. } 14 + 324 - 121 = ? - 345$$
$$? = 562$$

S44. Ans.(c)

$$\text{Sol. } 101 + 77 + 30 = ?$$
$$? = 208$$

S45. Ans.(d)

$$\text{Sol. } 55 + 416 = 141 + ?$$
$$? = 330$$

S46. Ans.(b)

$$\text{Sol. required average} = \frac{250+370+420+400}{4} = 360$$

S47. Ans.(e)

$$\text{Sol. average of total residents in society D in 2008 \& 2018} = \frac{400 + 480}{2} = 440$$

$$\text{Required \%} = \frac{440-420}{440} \times 100 = 4\frac{6}{11}\%$$

S48. Ans(a)

$$\text{Sol. society A} = \frac{350-250}{250} \times 100 = 40\%$$

$$\text{Society B} = \frac{370-420}{420} \times 100 = 11.9\% \text{ (decrease)}$$

$$\text{Society C} = \frac{420-300}{300} \times 100 = 40\%$$

$$\text{Society D} = \frac{480-400}{400} \times 100 = 20\%$$

Maximum increase in society A & C

S49. Ans.(d)

$$\text{Sol. all residents in 2008} = 250 + 420 + 300 + 400 = 1370$$

$$\text{Total residents in 2018} = 350 + 370 + 420 + 480 = 1620$$

$$\text{Required ratio} = 1370 : 1620 = 137 : 162$$

S50. Ans.(c)

Sol. required difference = $(350 + 370) - (300 + 400) = 20$

S51. Ans.(d);

Sol. Cost price of both pens = $(300 \times 2) \times \frac{100}{93.75}$

= Rs.640

Let profit percentage and loss percentage earned on both pens be $x\%$.

ATQ,

$$300 \times \frac{100}{100+x} + 300 \times \frac{100}{100-x} = 640$$

$$30000 \times \frac{200}{(100)^2 - x^2} = 640$$

$$\frac{1}{10000 - x^2} = \frac{1}{9375}$$

$$x = 25$$

$$\text{Required difference} = 300 \times \frac{100}{100-25} - 300 \times \frac{100}{100+25}$$

$$= 400 - 240$$

$$= \text{Rs.160}$$

S52. Ans.(a); ;

Sol. ATQ,

$$\frac{P \times 12 \times 3}{100} = 3456$$

$$P = \text{Rs. 9600}$$

$$\text{Required amount} = \left((9600 + 4400) \left(1 + \frac{15}{100} \right)^2 - (9600 + 4400) \right)$$

$$= 18515 - 14000$$

$$= \text{Rs.4515}$$

S53. Ans.(e)

Sol. Let speed of boat in still water be x km/hr.

ATQ,

$$\frac{162}{x+6} + \frac{162}{x-6} = \frac{72}{5}$$

$$x = 24 \text{ kmph}$$

$$\text{Required time} = \frac{240}{24-6}$$

$$= 13\frac{1}{3} \text{ hours}$$

S54. Ans.(e)

Sol. Let efficiency of B be x units/day

$$\text{So, efficiency of C} = x \times \frac{200}{100}$$

$$= 2x \text{ units/day}$$

$$\text{Now, total work} = (x + 2x) \times \frac{8}{3} = 8x \text{ units}$$

TEST SERIES

Bilingual

VIDEO SOLUTIONS



**IBPS CLERK
MAINS**

25 TOTAL TESTS

Validity : 12 Months

Hence, efficiency of A = $\frac{8x}{9}$ units/day

Work completed by A & B together in 4 days = $\left(\frac{8x}{9} + x\right) \times 4 = \frac{68x}{9}$ units

Required portion = $\frac{\frac{68x}{9}}{8x} = \frac{17}{18}$

S55. Ans.(b);

Sol. Let present age of P be $4x$ years.

So, present age of Q = $\frac{125}{100} \times 4x$

= $5x$ years

Now, present age of R = $(4x - 2) \times 2 - 2$

= $(8x - 6)$ years

ATQ,

$$\frac{4x + 8x - 6}{2} = 39$$

$$x = 7$$

Required difference = $(8 \times 7 - 6) - (4 \times 7 + 5)$

$$= 50 - 33 = 17 \text{ years}$$

S56. Ans.(e)

Sol.

$$\text{I. } x^2 - 13x + 11x - 143 = 0$$

$$(x - 13)(x + 11) = 0$$

$$x = -11, 13$$

$$\text{II. } y^2 = 169$$

$$y = \pm 13$$

clearly, no relation can be established

S57. Ans(a);

Sol.

$$\text{I. } x^2 - 9x + 2x - 18 = 0$$

$$(x - 9)(x + 2) = 0$$

$$x = -2, 9$$

$$\text{II. } y^2 - 10y - 9y + 90 = 0$$

$$(y - 10)(y - 9) = 0$$

$$y = 9, 10$$

clearly, $x \leq y$

S58. Ans.(c)

Sol.

$$\text{I. } 2x^2 + 3x + 2x + 3 = 0$$

$$(x + 1)(2x + 3) = 0$$

$$x = -1, -\frac{3}{2}$$

$$\text{II. } y^2 + 6y - 2y - 12 = 0$$

$$(y - 2)(y + 6) = 0$$

$$y = 2, -6$$

clearly, no relation can be established

S59. Ans.(d)

$$\text{Sol. (II)} \times 9 - (\text{I}) \times 4$$

On solving,

$$x = 1, \quad y = 2$$

clearly, $x < y$

S60. Ans.(c)

$$\text{Sol. I. } 2x^2 - 2x + x - 1 = 0$$

$$(2x + 1)(x - 1) = 0$$

$$x = -\frac{1}{2}, 1$$

$$\text{II. } 3y^2 - 3y - 2y + 2 = 0$$

$$(3y - 2)(y - 1) = 0$$

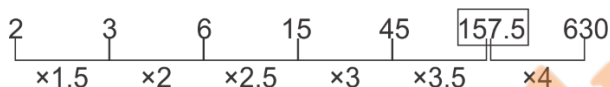
$$y = \frac{2}{3}, 1$$

clearly, no relation

S61. Ans.(d);

$$\text{Sol. Wrong number} = 156.5$$

Pattern of series-



So, there should be 157.5 in place of 156.5.

S62. Ans.(c);

$$\text{Sol. Wrong number} = 5.5$$

Pattern of series-

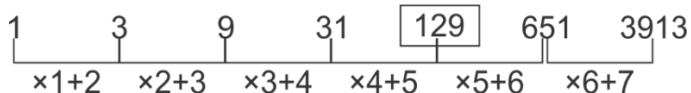


So, there should be 5 in place of 5.5

S63. Ans.(e)

$$\text{Sol. Wrong number} = 128$$

Pattern of series -



So, there should be 129 in place of 128

TEST SERIES

Bilingual

VIDEO SOLUTIONS



IBPS CLERK MAINS

PRIME

25+ TESTS | eBooks

Validity : 12 Months

S64. Ans.(a);

Sol. Wrong number = 40

Pattern of series –

$$\begin{array}{ccccccc} 2 & 3 & 10 & \boxed{39} & 172 & 885 & 5346 \\ \times 1+1^2 & \times 2+2^2 & \times 3+3^2 & \times 4+4^2 & \times 5+5^2 & \times 6+6^2 & \end{array}$$

So, there should be 39 in place of 40.

S65. Ans.(d);

Sol. Wrong number = 16

Pattern of series –

$$\begin{array}{ccccccc} 5 & 8 & \boxed{14} & 26 & 50 & 98 & 194 \\ \times 2-2 & \times 2-2 & \times 2-2 & \times 2-2 & \times 2-2 & \times 2-2 & \end{array}$$

So, there should be 14 in place of 16.

S66. Ans.(b);

Sol.

Let width of garden = x m

So length of garden = (x+3)m

According to question

$$(x+6)(x+9) - x(x+3) = \frac{273}{0.5}$$

$$x^2 + 15x + 54 - x^2 - 3x = 546$$

$$12x + 54 = 546$$

$$x = 41$$

$$\text{Area of garden} = 41 \times 44$$

$$= 1804 \text{ m}^2$$

S67. Ans.(c);

Sol. Let total students be 100x

Then passed students be 60x

Passed boys & girls are 30x each.

Let failed girls = y

Now

$$y + 3y = 40x$$

$$4y = 40x$$

$$y = 10x$$

$$\text{Required percentage} = 10\%$$

S68. Ans.(e)

Sol. ATQ,

$$\frac{X \times 15 \times 4}{100} + \frac{1.35X \times 18 \times 3}{100} = 15948$$

$$0.60X + 0.729X = 15948$$

$$X = 12000$$

$$\text{Required value} = 3.12 \times 12000$$

$$= \text{Rs.} 37440$$

S69. Ans.(e)

Sol. Distance covered by bus = $\frac{25}{400} \times 640$
= 40km

Distance covered by car = $\frac{25}{100} \times 640$
= 160 km

Distance covered by bicycle = $\frac{30}{100} \times 640 = 192$ km

And distance covered by train = $(640 - (40 + 160 + 192)) = 248$ km

Required time = $\frac{40}{80} + \frac{160}{120} + \frac{192}{32} + \frac{248}{62} = \frac{71}{6}$ hours

S70. Ans.(c);

Sol. Number of boys in the class = $72 \times \frac{5}{9} = 40$

Number of girls in the class = $72 \times \frac{4}{9} = 32$

Required average = $\frac{(60 \times 72) - (40 \times 80)}{32} = \frac{4320 - 3200}{32} = 35$ kg

ENGLISH LANGUAGE

S71. Refer to the first paragraph. The hint can be drawn from the lines, 'The balance of an ecosystem depends on the presence of every type of animal. If one type of animal becomes too numerous or scarce, the entire balance of the ecosystem will change.'

In this way, **option (a)** is justified with the given lines. Hence, it is the correct answer choice.

S72. Ans.(d);

Sol. Refer to the second paragraph. The hint can be drawn from the lines, 'Carnivores will feed on herbivores, omnivores, and other carnivores in an ecosystem. A natural community depends on the presence of carnivores to control the populations of other animals.'

Option (a), (b), and (c) are justified with the above lines. Hence option (d) **[All (a), (b), and (c)]** is the right answer choice.

S73. Ans.(c);

Sol. Refer to the last part of second paragraph. The hint can be drawn from the lines, 'Carnivores depend on sufficient prey in the food chain to give them the food they need. If the herbivore population or the population of other carnivores declines in an ecosystem, carnivores may not survive.'

From these lines, both **option (a) and (b)** are justified. Hence, **option (c) [Both (a) and (b)]** is the right answer choice.

S74. Ans.(e)

Sol. Refer to the third paragraph. The hint can be drawn from the lines;

Option (a): With a diet comprised of only plants, herbivores can be surprisingly large animals.

Option (b): An ecosystem must provide abundant plants to sustain herbivores

Option (c): many of them spend the majority of their lives eating to stay alive

Option (d): Herbivores usually have special biological systems to digest a variety of different plants.

Hence, **option (e), [All of the above]** is the right answer choice.

TEST SERIES

Bilingual



**LIC ASSISTANT
MAINS**

25 TOTAL TESTS

Validity : 12 Months

S75. Ans.(b);

Sol. Refer to the fourth paragraph. The hint can be drawn from the lines:

Option (a): *Omnivores have an advantage in an ecosystem because their diet is the most diverse.*

Option (c): *These animals can vary their diet depending on the food that is most plentiful, sometimes eating plants and other times eating meat.*

Hence, **option (b), [Both (a) and (c)]** is the right answer choice.

S76. Ans.(b);

Sol. Abundant can fill in the blank (1) to make the sentence grammatically and contextually correct. Hence, option (b) is the right answer choice.

S77. Ans.(c);

Sol. Equilibrium is most similar in meaning with the given word. Hence, **option (c)** is the right answer choice.

S78. Ans.(a); ;

Sol. Inadequate is most opposite in meaning with the given word. Hence, **option (a)** is the right answer choice.

S79. Ans.(b);

Sol. Stabilized can fit the blank (79) to make it grammatically and contextually correct sentence. Hence, option (b) is the right answer choice.

S80. Ans.(d);

Sol. Blunder can fit the blank (80) to make it grammatically and contextually correct sentence. Hence, option (d) is the right answer choice.

S81. Ans.(a); ;

Sol. Suffice can fit the blank (81) to make it grammatically and contextually correct sentence. Hence, option (a) is the right answer choice.

S82. Ans.(c);

Sol. Supervise can fit the blank (82) to make it grammatically and contextually correct sentence. Hence, option (c) is the right answer choice.

S83. Ans.(b);

Sol. Reflexive can fit the blank (83) to make it grammatically and contextually correct sentence. Hence, option (b) is the right answer choice.

S84. Ans.(c);

Sol. Customary can fit the blank (84) to make it grammatically and contextually correct sentence. Hence, option (c) is the right answer choice.

S85. Ans.(b);

Sol. From the given options, (i) will make the given sentence grammatically incorrect whereas option (iii) is out of context. So, only 'Transitioning' will fit the given blank to make the given sentence both grammatically and contextually correct. Hence, the correct answer choice would be option (b)

S86. Ans.(d);

Sol. Evoke means bring or recall.

So, from the given options, 'Evoke' and 'Recall' fits the given blank to make the given sentence both grammatically and contextually correct. Hence, the correct answer choice would be option (d)

S87. Ans.(a); ;

Sol. From the given options, option (ii) and (iii) will make the given sentence contextually meaningless. So, only 'proposal' fits the given blank to make the given sentence both grammatically and contextually correct. Hence, the correct answer choice would be option (a)

S88. Ans.(c);

Sol. As the given sentence is talking about increasing the speed of trains to reduce running time and about the infrastructure across the railway network, the appropriate filler for the given blank would be 'Effectiveness' and 'utilisation'. Hence, the correct answer choice would be option (c)

S89. Ans.(b);

Sol. Taking hint from the last part of the sentence which is talking about the low growth, the appropriate filler for the given blank would be 'cuts'. Hence, the correct answer choice would be option (b)

S90. Ans.(a); ;

Sol. In the given sentence, 'Accounts' and 'Generation' at their current position fails to impart valid meaning to the sentence. But interchanging them will make the given sentence both grammatically and contextually correct. Hence, the correct answer choice would be option (a)

S91. Ans.(e)

Sol. All of the given highlighted words are correct at their respective position. Hence, the correct answer choice would be option (e)

S92. Ans.(c);


Sol. In the given sentence, 'caught' and 'attention' at their current position are incorrect as they fails to impart valid meaning to the sentence but interchanging them will make the sentence both grammatically and contextually correct. Hence, the correct answer choice would be option (c)

S93. Ans.(b);

Sol. In the given question, 'Economic' at its current position fails to impart reasonable meaning to the sentence, also, it is not in accordance with the sentence structure. But, interchanging it with 'Power' will make the given sentence both grammatically and contextually correct. Hence, the correct answer choice would be option (b)

S94. Ans.(c);

Sol. In the given statement, 'stayed' and 'expected' at their current position fails to add a reasonable sense in the sentence but interchanging them will make the given sentence both grammatically and contextually correct. Hence, the correct answer choice would be option (c)

TEST SERIES	
Bilingual	
VIDEO SOLUTIONS	
IBPS CLERK MAINS	
25 TOTAL TESTS	
Validity : 12 Months	

S95. Ans.(c);

Sol. From the given words, spelling of 'Neccessary' is incorrect, instead it should be 'Necessary' which means essential. Hence, the correct answer choice would be option (c)

S96. Ans.(a);

Sol. From the given words, spelling of 'Provisons' is incorrect instead it should be 'Provisions' which means the action of providing or supplying something for use. Hence, the correct answer choice would be option (a)

S97. Ans.(c);

Sol. From the given options, spelling of 'Liberalisaetion' is incorrect instead it should be 'Liberalisation' which means the removal or loosening of restrictions on something. Hence, the correct answer choice would be option (c)

S98. Ans.(e)

Sol. There is no spelling error in the highlighted words. Hence, the correct answer choice would be option (e)

S99. Ans.(b);

Sol. From the given options, spelling of 'essenteal' is incorrect instead it should be 'essential' which means absolutely necessary; extremely important. Hence, the correct answer choice would be option (b)

S100. Ans.(a);

Sol. From the given words, spelling of 'Bureou' is incorrect instead it should be 'Bureau' which means an office or department for transacting particular business. Hence, the correct answer choice would be option (a)

TEST SERIES
Bilingual




**LIC ASSISTANT
MAINS**
25 TOTAL TESTS
Validity : 12 Months

TEST SERIES
Bilingual



VIDEO SOLUTIONS
IBPS CLERK MAINS
PRIME
25+ TESTS | eBooks
Validity : 12 Months

TEST SERIES
Bilingual



VIDEO SOLUTIONS
**IBPS CLERK
MAINS**
25 TOTAL TESTS
Validity : 12 Months