

Bihar D.El.Ed Reasoning Questions PDF

Q1. Arrange the following words in the reverse order in which they would appear in an English dictionary.

1. Domicile
 2. Doting
 3. Docile
 4. Dormant
 5. Domestic
- (a) 2,4,1,5,3
(b) 2,4,5,1,3
(c) 3,5,1,4,2
(d) 3,5,4,2,1

Q2. 3rd January 2018 was a Wednesday. Which of the following years will also have 3rd January on a Wednesday?

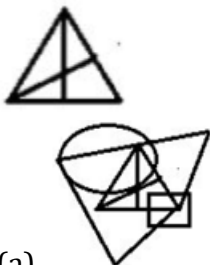
- (a) 2022
(b) 2023
(c) 2024
(d) 2020

Q3. In the following question, select the number which can be placed at the sign of question mark (?) from the given alternatives.

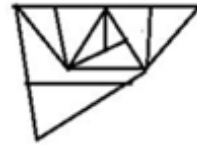
6	9	7	33
12	5	5	55
13	3	9	?

- (a) 97
(b) 84
(c) 127
(d) 114

Q4. Select the option in which the given figure is embedded (rotation is NOT allowed).



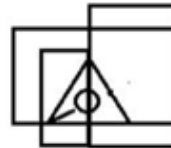
(a)



(b)



(c)



(d)

Q5. Select the option that is related to the third term in the same way as the second term is related to the first term.

Iran : Rial :: United Kingdom : ?

- (a) Taka
(b) Pound
(c) Baht
(d) Dollar

Q6. From the given options, select the word which can be formed using the letters of the given word.

‘INTELLIGENCE’

- (a) Entrance
(b) Centre
(c) Teenage
(d) Gentle

Q7. A statement and some conclusions are given below.

Statement: Basic pay should be included in human rights.

Conclusions: I. It means that the government should bail to those who do nothing.

II. Ensuring basic pay is a social security measure.

Which of the following conclusion(s) logically follows from the given statement?

- (a) Only conclusion I follows.
(b) I and II both follows.
(c) Only conclusion II follows.
(d) Neither I nor II follows.

Q8. Which of the following is odd one?

- (a) UNESCO
- (b) BRICS
- (c) UNICEF
- (d) WHO

Q9. Select the number that will come next in the following series?

41, 83, 168, 339, ?

- (a) 689
- (b) 668
- (c) 682
- (d) 678

Q10. In the following question find out the alternative which will replace the question mark.

Loath : Coercion :: ? : ?

- (a) Detest : Caressing
- (b) Irritate : Caressing
- (c) Irate : Antagonism
- (d) Reluctant : Persuasion

Q11. How many days will be there from 26th January, 1988 to 15th may, 1988 (both days included)?

- (a) 112
- (b) 113
- (c) 111
- (d) 110

Q12. Which option represents the correct order of the given words as they would appear in an English dictionary?

1. Regular
2. Related
3. Receipt
4. Recover
5. Remains

- (a) 4, 3, 1, 5, 2
- (b) 3, 4, 1, 2, 5
- (c) 3, 1, 4, 5, 2
- (d) 4, 3, 1, 2, 5

Q13. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(11, 22, 44)

(15, 12, 42)

- (a) (3, 3, 15)
- (b) (21, 42, 63)
- (c) (12, 24, 39)
- (d) (18, 8, 44)

Q14. Select the correct mirror image of the given combination when the mirror is placed at MN as shown.



- (a)
- (b)
- (c)
- (d)

Q15. Which option represents the correct order of the given words as they would appear in English dictionary?

1. Artichoke
2. Appease
3. Apogee
4. Anticipate
5. Archivist

- (a) 45231
- (b) 43521
- (c) 13254
- (d) 43251

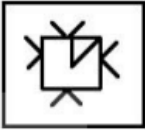
Q16. Select the option figure in which the given figure is embedded (rotation is not allowed).



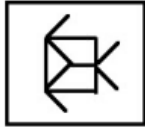
(a)



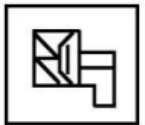
(b)



(c)



(d)



Q17. Four numbers are given, out of which three are alike in some way and one is different. Identify the number which is different from the rest.

- (a) 435782
- (b) 573791
- (c) 243578
- (d) 357824

Q18. Simplify:

$$72 - 4(40 + 24 \div 8 * 6 - 4 * 4) + 20$$

- (a) -36
- (b) 52
- (c) -76
- (d) -6

Q19. Select the one, which is different from the other three responses.

- (a) 32-50
- (b) 62-44
- (c) 46-28
- (d) 33-56

Q20. Select the number that can replace the question mark (?) in the following series.

45, 49, 57, ?, 105, 169

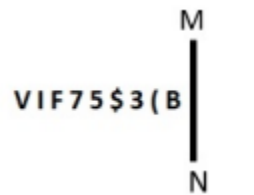
- (a) 70
- (b) 69
- (c) 73
- (d) 75

Q21. Select the option in which the words share the same relationship as that shared by the given pair of words.

Handwriting : Graphology

- (a) Earthquakes : Pomology
- (b) Soil : Ornithology
- (c) Matter : Chemistry
- (d) Fossils : Pedology

Q22. Select the mirror image of the given figure when the mirror is placed at MN as shown below.



- (a)
- (b)
- (c)
- (d)

Q23. In the following question, select the related number from the given alternatives.

236 : 4936 :: 724 : ?

- (a) 49416
- (b) 7416
- (c) 49164
- (d) 49464

Q24. Which option represents the correct order of the given words as they would appear in the English dictionary?

- 1 Sailboat
- 2 Saint
- 3 Sailor
- 4 Sanction
- 5 Sadly

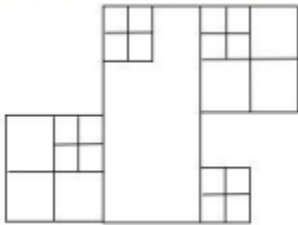
- (a) 3, 5, 1, 2, 4
- (b) 5, 1, 3, 2, 4
- (c) 5, 3, 1, 2, 4
- (d) 5, 1, 3, 4, 2

Q25. Select the correct option that indicates the arrangement of the following festivals in the order of the occurrence in India.

1. Catholic Christmas
2. Republic Day
3. Children's Day
4. Gandhi Jayanti
5. Independence Day

- (a) 45132
(b) 25431
(c) 15432
(d) 21543

Q26. How many squares are there in the given figure?



- (a) 53
(b) 28
(c) 27
(d) 54

Q27. Select the number that will replace the question mark (?) in the series.

339, 284, 229, 174, ?

- (a) 117
(b) 119
(c) 120
(d) 118

Q28. Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

6 : 41 :: 11 : ? :: 4 : 19

- (a) 131
(b) 122
(c) 110
(d) 128

Q29. Four pairs of words have been given, out of which three are alike in some manner, while one is different. Choose out the odd one.

- (a) Deer : Doe
(b) Cow : Calf
(c) Drake : Duck
(d) Cock : Hen

Q30. Select the option that is related to the fourth term in the same way as the first term is related to the second term.

Kind : Altruistic :: ? : Lamenting

- (a) Anger
(b) Sad
(c) Truth
(d) Joy

Q31. Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)

Phone : Talk :: Television : ?

- (a) Read
(b) Channel
(c) Remote
(d) View

Q32. Select the correct mirror image of the given combination when the mirror is placed at 'PQ' as shown below.



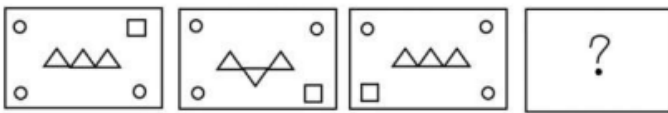
- (a)
- (b)
- (c)
- (d)

Q33. Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)

Library : Books :: Museum : ?

- (a) Gallery
- (b) People
- (c) Building
- (d) Artefacts

Q34. Select the figure that will replace the question mark (?) in the following figure series.



- (a)
- (b)
- (c)
- (d)

Q35. Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary

1. Petitionary
 2. Petitioning
 3. Petition
 4. Petitioners
 5. Petitioned
- (a) 3, 1, 5, 4, 2
 - (b) 3, 1, 4, 5, 2
 - (c) 4, 1, 2, 3, 5
 - (d) 1, 2, 3, 4, 5

Q36. Ankit walks 2 km towards South. He then turns right and walks 3 km. He now turns left and walks 5 km. Further, he moves 2 km after turning to the left. In which direction is he facing?

- (a) East
- (b) South
- (c) North
- (d) West

Q37. Select the option that is related to the third number in the same way as the second number is related to the first number.

52 : 91 :: 72 : ?

- (a) 109
- (b) 126
- (c) 98
- (d) 138

Q38. Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.

S P _ _ P S T S _ _ S P S _

- (a) T S S P T S S
- (b) P S T S P T T
- (c) S T S P S T T
- (d) P S S P P S S

Q39. Select the option in which the given figure is embedded (rotation is NOT allowed).



- (a)
- (b)
- (c)
- (d)

Q40. Select the correct water image of the given combination of letters.

DFNZSR

- (a) **DFNZSR**
- (b) **DFNZSR**
- (c) **DFNZSR**
- (d) **DFNZSR**

Q41. Select the option that is related to the third term in the same way as the second term is related to the first term.

Sphygmomanometer: Blood Pressure: Barometer: ?

- (a) Atmospheric Pressure
- (b) Density
- (c) Humidity
- (d) Speed

Q42. Choose the correct alternative that will continue the same pattern and replace the question mark (?)

38 : 73 :: 65 : ?

- (a) 78
- (b) 69
- (c) 72
- (d) 61

Q43. Choose the correct alternative that will continue the same pattern and replace the question mark (?)

GJM : DBZ :: BEH : ?

- (a) QNL
- (b) QOM
- (c) QON
- (d) SQN

Q44. Choose the correct alternative that will continue the same pattern and fill the blank (?)

AB : AD :: CD : ?

- (a) IP
- (b) FP
- (c) PY
- (d) PQ

Q45. Choose the correct alternative that will continue the same pattern and fill the blank (?)

BY, CX, EV, GT, KP, _

- (a) AZ
- (b) MN
- (c) RV
- (d) PK

Q46. Choose the correct alternative that will continue the same pattern and replace the question mark (?)

0, 4, 12, 16, 32, 60, 108 ?

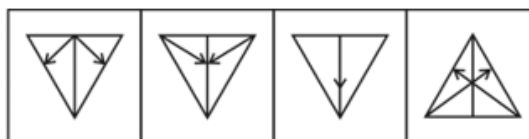
- (a) 198
- (b) 199
- (c) 200
- (d) 201

Q47. Choose the correct alternative that will continue the same pattern and replace the question mark (?)

24, 60, 120, 210, ?

- (a) 325
- (b) 354
- (c) 336
- (d) 356

Q48. In each of the following figure there is a problem figure which is followed by four answer figures one of the answer figures is the water image of the problem figure, find the water image.



- (A)
 - (B)
 - (C)
 - (D)
- (a) B
 - (b) C
 - (c) A
 - (d) D

Q49. Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.

- (a) Guide
- (b) Mistress
- (c) Instructor
- (d) Mentor

Q50. Four number-pairs have been given, out of which three are alike in some manner and one is different.

- (a) (16, 112)
- (b) (15, 105)
- (c) (18, 128)
- (d) (17, 119)

Solutions

S1. Ans.(a)

Sol. 2,4,1,5,3 is the correct answer.

S2. Ans.(c)

Sol. 3rd January 2018 Wednesday
3rd January 2019 Thursday
3rd January 2020 (leap year) Saturday
3rd January 2021 Sunday
3rd January 2022 Monday
3rd January 2023 Tuesday
3rd January 2024 Wednesday
2024 is a leap year,3rd January 2024 is Wednesday.

S3. Ans.(d)

Sol. Here the pattern followed in each row is:
1st number \times 3rd number - 2nd number = 4th number
In Row 1 $\rightarrow 6 \times 7 - 9 = 42 - 9 = 33$
In Row 2 $\rightarrow 12 \times 5 - 5 = 60 - 5 = 55$
Similarly,
In Row 3 $\rightarrow 13 \times 9 - 3 = 117 - 3 = 114$
Hence, 114 is the correct answer.

S4. Ans.(a)

S5. Ans.(b)

Sol. Currency of Iran is 'Rial'
Similarly,
Currency of United Kingdom is 'Pound'

S6. Ans.(d)

Sol. Gentle can be formed from the given word.

S7. Ans.(c)

Sol. According to the given statement, Basic pay ensures the social security measure. Here, conclusion 2 is followed.

S8. Ans.(b)

Sol. All the given options except BRICS are part of the United Nations organization but BRICS is a totally different and separate organization.

S9. Ans.(c)

Sol.
The logic is as,
 $(41 * 2) + 1 = 83$
 $(83 * 2) + 2 = 168$
 $(168 * 2) + 3 = 339$
 $(339 * 2) + 4 = 682$
Hence, the next term is 682.

S10. Ans.(c)

Sol. Loath means reluctant or unwilling to do something and Coercion means the practice of persuading someone to do something by using force or threats.
we see, they both are similar to each other.
Similarly,
Irate means anger and Antagonism means active hostility or opposition.
they are also similar to each other.

S11. Ans.(c)

Sol. February is of 29 days as it is a leap year.
Total days = $6 + 29 + 31 + 30 + 15 = 111$

S12. Ans.(b)**Sol.** 3, 4, 1, 2, 5 is the correct order.**S13. Ans.(d)****Sol.** $11 * 2 = 22$

$$22 + 22 = 44$$

and,

$$15 * 2 = 30$$

$$30 + 12 = 42$$

Similarly,

$$18 * 2 = 36$$

$$36 + 8 = 44$$

S14. Ans.(c)**S15. Ans.(d)****Sol.** 43251 is the correct order.**S16. Ans.(d)****S17. Ans.(b)****Sol.** Except, option b the sum of digits of all other numbers is 29.**S18. Ans.(c)****Sol.**

$$72 - 4(40 + 24 \div 8 * 6 - 4 * 4) + 20$$

$$72 - 4(40 + 3 * 6 - 16) + 20$$

$$72 - 4(42) + 20$$

$$= -76$$

S19. Ans.(d)**Sol.** $3 + 2 = 5 + 0$

$$6 + 2 = 4 + 4$$

$$4 + 6 = 2 + 8$$

 $3 + 3$ is not equal to $5 + 6$ **S20. Ans.(c)****Sol.** $45 + 4 = 49$

$$49 + 8 = 57$$

$$57 + 16 = 73$$

$$73 + 32 = 105$$

$$105 + 64 = 169$$

S21. Ans.(c)**Sol.** The study of handwriting is called Graphology. Similarly, The study of matter is called Chemistry.**S22. Ans.(d)****S23. Ans.(a)****Sol.**

$$2^2 3^2 6^2 - 4936$$

Similarly,

$$7^2 2^2 4^2 - 49416$$

S24. Ans.(b)**Sol.** 5, 1, 3, 2, 4 is the correct order.**S25. Ans.(b)****Sol.** 25431 is the correct order.**S26. Ans.(b)****S27. Ans.(b)****Sol.**

$$339 - 55 = 284$$

$$284 - 55 = 229$$

$$229 - 55 = 174$$

$$174 - 55 = 119$$

Hence, 119 is the correct answer.

S28. Ans.(a)**Sol.**

$$6^2 + 5 = 41$$

$$11^2 + 10 = 131$$

$$4^2 + 3 = 19$$

S29. Ans.(b)**Sol.** All except Cow : Calf are male female pair among the animal herd.

Whereas a young cow is called a calf.

S30. Ans.(b)**Sol.** Kind and Altruistic are synonyms.

Similarly,

Sad and Lamenting are synonyms.

Sad is related to lamenting in the same way as the first term is related to the second term.

S31. Ans.(d)

Sol. Phone is related to Talk.
Similarly,
Television is related to View.

S32. Ans.(d)

S33. Ans.(d)

Sol. Books are kept in the Library.
Similarly,
Artefacts are kept in the Museum.

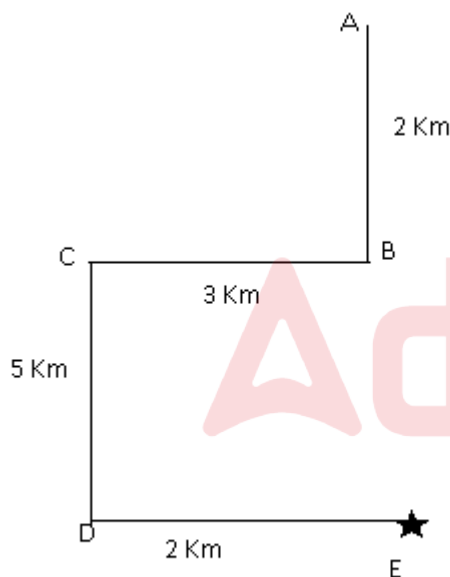
S34. Ans.(c)

S35. Ans.(a)

Sol. Option a is the correct sequence.

S36. Ans.(a)

Sol.



Ankit is facing East (at the end of the journey)

S37. Ans.(b)

Sol.

$$13 * 4 = 52$$

$$13 * 7 = 91$$

Similarly,

$$18 * 4 = 72$$

$$18 * 7 = 126$$

S38. Ans.(c)

Sol. S P S T / S P S T / S P S T / S P S T , is the correct sequence.

S39. Ans.(a)

S40. Ans.(a)

S41. Ans.(a)

Sol. Sphygmomanometer an instrument for measuring blood pressure.

Similarly,

Barometer an instrument for measuring Atmospheric pressure.

S42. Ans.(d)

Sol.

$$38 = 3^2 + 8^2 = 73$$

Similarly,

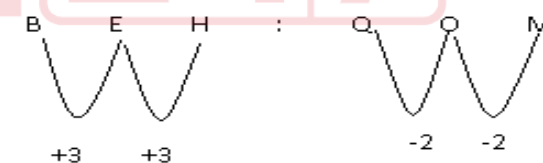
$$65 = 6^2 + 5^2 = 61$$

S43. Ans.(b)

Sol.



Similarly,



Hence, option B is correct answer.

S44. Ans.(a)

Sol.

$$AB = 1, 2$$

$$AD = 1^2, 2^2$$

Similarly,

$$CD = 3, 4$$

$$IP = 3^2, 4^2$$

S45. Ans.(b)

Sol. The given series is a mixed series, The letters B, C, G and K are the letters in prime value positions. Hence, the next letter is M. The second in each group from a opposite pair of the first letter in that group. Hence, the next pair in the series is MN.

S46. Ans.(c)

Sol.

$$\Rightarrow 0 + 4 + 12 = 16$$

$$\Rightarrow 4 + 12 + 16 = 32$$

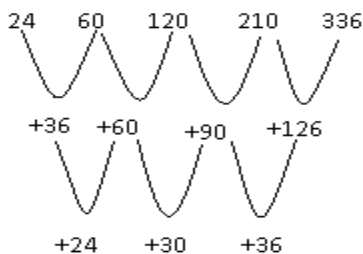
$$\Rightarrow 12 + 16 + 32 = 60$$

$$\Rightarrow 16 + 32 + 60 = 108$$

$$\Rightarrow 32 + 60 + 108 = 200$$

S47. Ans.(c)

Sol.



S48. Ans.(c)

S49. Ans.(b)

Sol. A guide is a person who leads travellers, sportsmen, or tourists through unknown or unfamiliar locations.

A married man's mistress is a woman who is not his wife.

An Instructor is a teacher. One can be an instructor of just about anything.

The meaning of mentor is someone who teaches or gives help and advice to a less experienced and often younger person.

S50. Ans.(c)

Sol.

(16, 112) \Rightarrow 112 is divisible by 16.

(15, 105) \Rightarrow 105 is divisible by 15.

(18, 128) \Rightarrow 128 is not divisible by 18.

(17, 119) \Rightarrow 119 is divisible by 17.

