

2. What is/are the implied assumptions with respect to labour and employment? Answer on the basis of the first paragraph.
 (A) That female work participation is a must for generating good quality jobs
 (B) That lack of labour flexibility is the main obstacle in the march to growth and creation of jobs
 (C) That economic growth is essential to employment generation
 1) Only (A) and (B) 2) Only (B) and (C)
 3) Only (A) and (C) 4) All (A), (B) and (C)
 5) Only (C)
3. What was/were the findings of Sanjay Upadhyaya and Pankaj Kumar of the VV Giri National Labour Institute ?
 (A) That rapid industrialisation,. growth in investments and job creation depend on so many factors like development of infrastructure, stable law and order, and availability of skilled manpower
 (B) That amendments in labour laws have not succeeded in attracting big investments
 (C) That the amendment of Chapter V-B in Rajasthan and other States has not impacted significantly the investment inflows into them
 1) Only (A) and (B) 2) Only (B) and (C)
 3) Only (A) and (C) 4) All (A),(B) and (C)
 5) Only (C)
4. What has/have been the impact(s) of the extension of maternity benefit under the amended Maternity Benefit Act?
1) The extension of maternity benefit has adversely affected the employment prospects of female workers.
 2) It has encouraged women start-ups, which the government is keen to promote vigorously.
 3) It has no impact on the existing employment of female workers.
 4) Only 1) and 2)
 5) All 1), 2) and 3)
5. What step is being taken by the government for the welfare of female workers? Answer on the basis of the last passage.
1) The government is proposing to subsidise wages of female workers earning less than Rs.15,000.
 2) It is in the process of setting up trained enforcement machinery.
 3) It is supporting the making of committees having females in majority under the labour laws.
 4) Only 2) and 3)
 5) All 1), 2) and 3)

Directions (Q. 6-8): Choose the word which is most similar in meaning to the word printed in bold as used in the passage.

6. **Dismantled**
 1) restored 2) raised
 3) destroyed
 4) created 5) assembled
7. **Envisions**
 1) anticipates 2) dislikes
 3) recognizes 4) projects
 5) corroborates
8. **Prompted**
 1) stopped 2) repressed
 3) discouraged 4) persuaded
 5) prevented

Directions (Q. 9-10): Choose the word which is most opposite in meaning of the word printed in bold as used in the passage.

9. **Ultimately**
 1) basically 2) initially
 3) finally 4) yet
 5) someday
10. **Exhorted**
 1) advised 2) beseeched
 3) cautioned 4) promised
 5) discouraged

Directions (Q. 11-15): Read each sentence to find out whether there is any grammatical or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is 'No error', the answer is 5). (Ignore errors of punctuation, if any.)

11. 1) Blockchain's potential in bringing efficiency and reliability/ 2) into the value chains of various industries, / 3) power sector being one of them, / 4) are still evolving./ 5) No error
12. 1) While these platforms have brought the convenience of shopping /2) into the homes of consumers, they have also brought in/ 3) large amounts of packaging materials, most of which are not easily recyclable/ 4) and are discarded along the household garbage./ 5) No error
13. 1) SREI is one of the largest/2) financial services group in the country, / 3) with consolidated assets under management / 4) of more than \$6.6 billion./ 5) No error
14. 1) The slowdown in the/ 2) non-banking financial sector is/ 3) like to continue for the next/ 4) couple of quarters./ 5) No error
15. 1) The evolution towards a smarter grid/ 2) is the most comprehensive and disruptive development / 3) to confront the energy industry since mass electricity distribution / 4)

was first introduced more than a century ago.
/ 5) No error

Directions (Q. 16-20): Each question below has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank that best fits the meaning of the sentence as a whole.

16. While efforts are being made to (____) solar rooftop installations and some momentum is being (____) with the generous net metering dispensation, there are limits in urban areas.
1) use, given 2) develop, looked
3) promote, seen 4) display, observed
5) provide, surveyed
17. In fact, it was bitcoin's success that (____) financial institutions and governments which often (____) the currency for its anarchic and centralization agnostic characteristics to look at the potential of digital currencies.
1) encouraged, appreciated
2) hampered, promoted
3) damaged, neglected
4) prompted, ridiculed
5) estimated, disliked
18. The (____) fiat currencies have historically gone through many episodes of corrections and convulsions before they have gained the trust they (____) now.
1) ongoing, lose 2) existing, enjoy
3) outgoing, regain 4) offshore, reaffirm
5) available, build
19. Tribunals are meant basically to (____) the disputes and not for going into issues like crop prices which should, typically, be (____) by the dynamics of demand and supply in the domestic and international markets.
1) advocate, allocated
2) justify, determined
3) remunerate, evolved
4) pronounce, granted
5) adjudicate, dictated
20. The central bank, in April last year, had announced it was looking at issuing its own Central Bank Digital Currency (CBDC) after it tightened the (____) on cryptocurrency exchanges operating in the country, forcing several of them to (____) shop.
1) noose, shut 2) rope, open
3) norms, start 4) regulators, set up
5) customers, launch

Directions (Q. 21-25): In each of the following questions, a sentence has been given with some of its parts in bold. To make the sentence grammatically and idiomatically correct, you have to replace the bold part with the correct alternative given below. If the

sentence is correct as it is, give 5) as your answer (ie No improvement).

21. It has been an eventful year for the ever-evolving Insolvency and Bankruptcy Code, though it has delivered **very little to the purpose for** which it was formed — to find a solution to the burgeoning stressed assets of banks.
1) no little to the purpose for
2) the little to the purpose for
3) very little to the purpose on
4) a little for the purpose for
5) No improvement
22. The endless litigation has kept foreign investors away from bidding for stressed assets, leaving domestic companies **to holding sway**.
1) to held sway 2) to hold sway
3) to hold swayed 4) to be held sway
5) No improvement
23. In order **to making itself eligible for** the bidding of Essar Steel, ArcelorMittal paid the Rs.7,470-crore default of Uttam Galva Steel and KSS Petron, even after divesting its stake in these companies.
1) to make itself eligible for
2) to make themselves eligible for
3) to making itself eligible to
4) to make it eligible for
5) No improvement
24. When solar generation is low, **may be due to clouded cover**, balance electricity can be drawn from the discom.
1) may be due to cloud covering
2) could be due to cloud cover
3) let it be due to cloud cover
4) may be due to cloud cover
5) No improvement
25. Some of the key suggestions for lifting the farm economy, mooted by the National Institution for Transforming India (NITI) Aayog in its recently released "Strategy for New India@75", **do not make more sense**.
1) do not make a little sense.
2) do not make most of sense.
3) do not make much sense.
4) do not make much sensible.
5) No improvement

Directions(Q. 26-30): Rearrange the following seven sentences (A), (B), (C), (D), (E), (F) and (G) in the proper sequence to form a meaningful paragraph and then answer the questions given below.

(A) Part of this loss is then recovered through higher tariffs for other consumers like industry and commercial (called cross-

35. 1) retained 2) realigned
 3) appreciated 4) managed
 5) juxtaposed
36. 1) proceeds 2) follows
 3) imitates 4) lag
 5) moves
37. 1) draw 2) sketches
 3) outnumbers 4) perform
 5) adjusts
38. 1) grow 2) make
 3) prepare 4) distribute
5) raise
39. 1) evenly 2) usually
 3) never 4) hardly
 5) obviously
40. 1) revolves 2) surrounds
 3) circulates 4) runs
 5) comes

- (5) 2 metre.
43. What is the distance between starting point and end point if Reshma - & ! \$ @ ?
 (1) $\sqrt{8}$ metre (2) 6 metre
 (3) $\sqrt{3}$ metre (4) 5 metre
 (5) 4 metre
44. Suman - \$ @ # % and meets Ganesh at her end point then Ganesh walks - % * # &
 What is the distance between Suman and Ganesh after Ganesh reaches his destination ?
 (1) $\sqrt{27}$ metre (2) 5 metre
(3) $\sqrt{29}$ metre (4) 4 metre
 (5) 6 metre
45. What is the distance between Suman's starting point and end point?
(1) $\sqrt{5}$ metre (2) 10 metre
 (3) $\sqrt{48}$ metre (4) 8 metre
 (5) 9 metre

Reasoning Ability

Directions (41-45): Study the following information carefully and answer the questions given below :

A - \$	A is facing north direction and walks 2 metre to left
A - &	A is facing south direction and walks 2 metre to right
A - #	A is facing west direction and walks 4 metre to left
A - @	A is facing east direction and walks 3 metre to right
A - ÷	A is facing north direction and walks 3 metre to left
A - +	A is facing south direction and walks 4 metre to right
A - !	A is facing west direction and walks 3 metre to left
A - %	A is facing east direction and walks 2 metre to right

For example : A - \$ & - means A starts facing north direction and walks 2 metre to left and then 2 metre to right.

41. What is the distance between starting point and end point if Shekhar- # @ % & ?
 (1) 5 metre (2) $\sqrt{8}$ metre
(3) $\sqrt{5}$ metre (4) $\sqrt{6}$ metre
 (5) 4 metre
42. What is the distance between starting point and end point if Kamal- \$ @ % + ?
 (1) $\sqrt{5}$ metre (2) 1 metre
 (3) $\sqrt{3}$ metre (4) $\sqrt{7}$ metre

Directions (46-50): Study the following alphanumeric series fully and answer the questions given below :

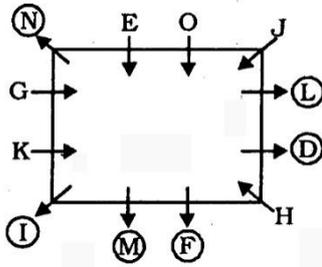
Left side	Right side	
342 SETRAM	547 PERPA	951 HILDE
684 QRUESA	256 LODEM	287 SONET
223 REGHIH	212 BETAL	235 SAPTE

46. How many meaningful words can be formed from a term which has at least one odd digit and immediate neighbour of a term which has a prime number?
 (1) Two (2) Three
 (3) Four (4) Five
 (5) One
47. How many meaningful words can be formed from a term which is second to the right of a term and has a number divisible by 7 ?
 (1) Three (2) Four
(3) Six (4) Seven
 (5) Eight
48. How many meaningful words can be formed from a term which is immediate left of a term that has a perfect square number?
(1) One (2) Two
 (3) Three (4) Four
 (5) Five
49. How many meaningful words can be formed from a term which is immediate above of a term that has three vowels in the same column?
 (1) One (2) Two
 (3) Three (4) Four
(5) Five

50. How many meaningful words can be formed from a term which has a number that is more than 450 and less than 600 ?
 (1) Two (2) One
 (3) Four (4) Three
 (5) None

Directions (51-55) : Study the following information carefully and answer the questions given below :

There are twelve friends D, E, F, G, H, I, J, K, L, M, N and O sitting around a rectangular table as given below. Only six friends face the centre.



These 12 friends should be rearranged around another rectangular table as per the following instructions :

- All the friends are facing the centre.
- The person immediate left of a person who is second to the right of D should sit second to the right of G
- The person sitting to the right to the of both K and M should sit to the immediate right of D
- The person sitting to the immediate left of both L and O should sit to the immediate left of F
- The person sitting second to the right of M should sit exactly between H and E
- The person sitting opposite L should sit second to the right of F
- The person sitting third to the right of both I and J should sit opposite F
- The person sitting second to the right of K and H should sit second to the left of O
- The person sitting third to the left of E should sit exactly between D and N
- The person sitting fourth to the right of F should sit opposite L
- H is an immediate neighbour of O
- D is an immediate neighbour of L.

51. Who among the following is sitting exactly opposite M ?
 (1) H (2) L
 (3) F (4) E
 (5) K
52. What is the position of N with respect to I ?
 (1) Second to the right (2) Immediate left
 (3) Third to the left (4) Fourth to the right
 (5) Second to the left
53. If G is facing away from the centre, who is sitting fourth to the right of G ?

- (1) E (2) I
 (3) N (4) M
 (5) H

54. Who among the following is sitting exactly between D and K?
 (1) L (2) F
 (3) M (4) O
 (5) J
55. What is the position of F with respect to H ?
 (1) Third to the right (2) Second to the left
 (3) Fourth to the right (4) Third to the left
 (5) Fourth to the left

Directions (56-60) : Study the following three series carefully and answer the questions given below :

- (1) K J Z A O I D I U H J Y I E O N I G E P A U N A Q I U J I
 (2) & # \$ % ^ & * + ^ ! @ & ? \$? & ? \$ % \$ # * \$ ^ % @
 (3) 3 2 7 2 3 8 7 1 0 1 3 2 1 5 4 2 1 5 9 8 3 0 7 6 3 9 8 9 2

Step-I: The vowels which are immediately preceded by a vowel and immediately followed by a consonant are arranged in the number series, in alternate manner.

Step-II : The numbers which are immediately preceded by an even number and immediately followed by an odd number are arranged in the alphabet series, alternatively from the left end.

Step-III : Each vowel that is followed by a consonant should be replaced by a symbol starting from left end of the symbol series.

Step-IV : Each even number preceded by an odd number should be replaced by a symbol.

Step-V : A new series of letters, numbers and symbols to be made as per the following conditions :

8 alphabet from left end; 9 numbers from right end and 10 symbols from left end

56. Which of the following element is 29th from the right end of Step-I ?
 (1) 9 (2) O
 (3) 3 (4) U
 (5) 6
57. Which of the following element is 33rd from the right end of Step-II ?
 (1) J (2) U
 (3) 1 (4) 7
 (5) Z
58. Which of the following element is 15th from the right end of Step-m?
 (1) G (2) I
 (3) # (4) E
 (5) &
59. Which of the following element is exactly in the middle of the Step-IV?

- (1) R (2) I
 (3) L (4) Q
 (5) K

Directions (71-75) : Study the following information carefully and answer the questions given below :

- $X + Y \rightarrow$ X is in the northwest direction of Y.
- $X \# Y \rightarrow$ X is in the south direction of Y.
- $X * Y \rightarrow$ X is in the southeast direction of Y.
- $X @ Y \rightarrow$ X is in the north direction of Y.
- $X \& Y \rightarrow$ X is in the east direction of Y.
- $X \$ Y \rightarrow$ X is in the west direction of Y.
- $X ! Y \rightarrow$ X is in the northeast direction of Y.
- $X \wedge Y \rightarrow$ X is in the south west direction of Y.

Give answer (1) if only Conclusion I is true

Give answer (2) if only Conclusion II is true

Give answer(3) if either Conclusion I or Conclusion II is true

Give answer (4) if neither Conclusion I nor Conclusion II is true

Give answer (5) if both the Conclusion I and Conclusion II are true

71. **Statement:** If $V @ A * G \# F + M$ is true, where GVM is a GM straight line as $VM = \frac{GM}{2}$

Conclusions:

I. M is in north-east direction of A.

II. $\triangle AVG$ is a right angled triangle.

72. **Statement :** If $W \$ K \# S @ J \$ Z$ is true, where $SJ = 2 \times KJ$

Conclusions:

I. W is in north-west direction of J

II. Angle SKZ = Angle SJZ

73. **Statement:** If $M \# B \wedge Z @ L \& U$ is true, where $UL > ML$

Conclusions:

I. Angle MBZ + Angle MLZ = 180 degree

II. Angle UMB = Angle ULZ

74. **Statement :** If $C * F \wedge H \$ V @ P$ is true, where line HC is 90 degree vertical is equal to VP

Conclusions:

I. C is in the south-west direction to V

II. Angle $\frac{CPV}{2} = 45$ degree

75. **Statement :**

If $I @ U \$ V \# R \& S$ is true, where line IR = line UV = SI = 6 metre and line IU = RV = metre $\frac{UV}{2}$ meter

Conclusions:

I. Area of IUVR = 6 metre square

II. Angle IURV + Angle SIU = 450 degree

ANS : 71-5, 72-1, 73-5, 74-5, 75-5

Directions (76-80) : Study the following information carefully and answer the questions given below :

Ten persons live on different floors of an apartment having 12 floors. The ground floor is

numbered one, the floor above it is numbered two and so on till the topmost floor is numbered twelve.

Only two persons live, between the floors of G and J. G lives above J. D lives on an odd numbered floor above the floor number five. There is a vacant floor between the floors of A and E. H lives immediately above the floor of J. There are only three floors between the floors of C and A. E lives on either floor number six or eight. B lives on either floor number eight or ten. D does not live on the topmost floor. H lives on the floor exactly between the floors of F and J. There are only three floors between the floors of J and E. F lives on the floor exactly between the floors of G and H.

76. Four of the following Ave are alike in a certain way based on the given arrangement and hence they form a group. Which is the one that does not belong to the group ?

(1) JF (2) BA

(3) GD (4) CB

(5) EA

77. Who among the following lives exactly between the floors of A and E ?

(1) J (2) B

(3) G (4) D

(5) No one

78. How many floors are there between the floors of J and C ?

(1) Seven (2) Nine

(3) Eight (4) Five

(5) Six

79. Who among the following lives above the floor number seven ?

(1) E (2) F

(3) G (4) A

(5) H

80. What is the position of D's floor ?

(1) Fourth from the top

(2) Fourth from the bottom

(3) Fifth from the top

(4) Fifth from the bottom

(5) Second from the top

Directions (81-85): In each of the following questions, two/ three statements followed by two Conclusions numbered I and n have been given. You have to take the given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given Conclusions logically follows from the given statements disregarding commonly known facts.

Give answer (1) if only Conclusion I follows

Give answer (2) if neither Conclusion I nor Conclusion II follows

Give answer (3) if only Conclusion II follows

Give answer (4) if both Conclusion I and Conclusion II follow

- Give answer (5)** if either Conclusion I or Conclusion II follows
81. **Statements :**
No factory is an industry. All workshops are industries. Some plants are workshops.
Conclusions:
I. No workshop is a factory.
II. Atleast some plants are industries.
82. **Statements :**
Some sands are particles. Some particles are glasses.
Conclusions:
I. Some glasses are definitely not particles.
II. Some glasses being sands is a possibility.
83. **Statements :**
Some movies are films. No film is a show. All shows are pictures.
Conclusions:
I. Atleast some pictures are films.
II. No show is a movie.
- (84 - 85) :**
- Statements :**
Some actors are singers.
All singers are dancers.
Some dancers are players.
84. **Conclusions:**
I. All actors being dancers is a possibility.
II. All dancers are singers.
85. **Conclusions:**
I. Atleast some dancers are actors.
II. No player is an actor.

ANS : 81-4, 82-3, 83-2, 84-1, 85-1

Directions (86-90) : Study the following information to answer the given questions :

A word and number arrangement machine when given an input line of words and numbers re-arranges them following a particular rule. The following is an illustration of input and rearrangement.

Input : 52 peak 91 snow freeze 46 cold 15 high 31 73 trek
Step I : 15 52 peak snow freeze 46 cold high 31 73 trek 91
Step II : 1531 52 peak snow freeze 46 cold high trek 73 91
Step III: 15 31 46 peak snow freeze cold high trek 52 73 91
Step IV: 15 31 46 cold peak snow freeze high trek 52 73 91
Step V : 15 31 46 cold freeze peak snow high trek 52 73 91
Step VI: 15 31 46 cold freeze high peak snow trek 52 73 91

Step VI is the last step of the rearrangement. As per the rules followed in the above steps, find out in each of the following questions the appropriate steps for the given input.

Input for the questions.

Input : 67 hot sun 19 best 83 ice 49 ace 77 cut 37

86. How many steps would be needed to complete the arrangement ?
 (1) X (2) VIII
 (3) IX (4) VII
 (5) None of these
87. Which Step number would be the following output?
 19 37 49 ace best hot sun ice cut 67 77 83
 (1) II (2) VI
 (3) V (4) IV
 (5) None of these
88. Which of the following would be the Step I ?
 (1) 19 37 49 hot sun best ice ace cut 67 77 83
 (2) 83 67 hot sun best ice 49 ace 77 cut 37 19
 (3) 19 67 ace best hot sun ice 49 77 cut 37 83
 (4) 19 67 hot sun best, ice 49 ace 77 cut 37 83
 (5) None of these
89. Which of the following would be the final arrangement?
 (1) 67 77 83 ace best cut hot ice sun 19 37 49
 (2) 19 37 49 ace best cut hot ice sun 67 77 83
 (3) 19 37 49 67 77 83 ace best cut hot ice sun
 (4) 19 37 49 ace ice best cut hot sun 67 77 83
 (5) None of these
90. In Step IV, which of the following word / number would be on 7th position (from the right) ?
 (1) sun (2) best
 (3) 67 (4) cut
 (5) None of these

Quantitative Aptitude

Directions (Q.91-95): Find the correct relationship between given quantities.

- (1) Quantity: I > Quantity: II
 (2) Quantity: I ≥ Quantity: II
 (3) Quantity: I < Quantity: II
 (4) Quantity: II ≥ Quantity: I
 (5) Quantity I = Quantity II or relation can't be established
91. The ratio of boys to girls in a school is 4: 5. If 45 students from the same school left in which ratio of boys and girls is same and 40 new girls joined the school, then the ratio of boys to girls will becomes 4:9.
Quantity I: What percentage of total students will be boys if 50% of the total number of boys leave the school?

Quantity II: 30%

92. In a race of 500 meters, A beats B by 50 meters but in a race of 1 km, B beats C by 250 meters.

Quantity I: In a race of 800 meters, by how much distance will A beat C?

Quantity II: 250 meters.

93. The compound interest received on Rs. 5000 at $x\%$ per annum at the end of 2 years is equal to the simple interest received in four years on Rs. 2650 at the same rate of interest.

Quantity I: What is the total simple interest received?

Quantity II: Rs. 1275

94. An inlet pipe A can completely fill a water tank of 25000 litres capacity in 10 hours but an outlet pipe B can empty the completely filled tank in 40 hours.

Quantity I: In how many hours pipe A and Pipe B together will fill half of the tank?

Quantity II: In how many hours pipe A alone fill 70% of the capacity of the tank?

95. A train of length 'x' metres running at the speed of 15 km per hour takes 40 seconds to cross a man walking in the opposite direction at the speed of 7.5 km per hour but it takes 2 minutes to cross a platform of length 'y' meters.

Quantity I: What is the length of the train?

Quantity II: What is the length of the platform?

ANS : 91-3, 92- 1, 93-3, 94-3, 95-5

96. There are two groups in first group four boxes each containing 4 white and 5 black balls and also in second group there are 3 boxes each containing 5 white and 3 black balls. A black ball is selected at random. Find the probability that black ball is from a box of the second group?

- (1) 81/241 (2) 81/242
(3) 9/26 (4) 1/3
(5) None of these

Directions (97-101): Read the data carefully and answer the questions. (Some data are missing).

Given below table shows number of employees joined (at the beginning of the year) and left (at the end of the year) in three companies i.e. A, B and C in four years (2015,2016, 2017 and 2018).

Year	A		B		C	
	Joined	Left	Joined	Left	Joined	Left
2015	306	-	288	54	252	108
2016	234	72	216	-	324	-
2017	336	-	432	-	372	84

97. In year 2014 total employee who joined A is 64 which is 32% of total employee working in A that year and total employee who left A in year 2014 and 2015 is 60 and 96 respectively. If employee left B in year 2016 is 48 and this company starts in 2015, then find total employee working in B at the end of 2016 is approximate what percent of total employee working in A at the end of 2016?

- (1)75% (2)72%
(3)68% (4)78%
(5) None of these

98. The ratio of total employee who left B and C in the year 2016 is 7: 9 and total employee working in B and C at the end of 2014 are 480 and 516 respectively. If total employee working at the end of 2017 in C is 399, then find total employee working in B at the end of 2016.

- (1)356 (2)251
(3)441 (4)280
(5) None of these

99. Total employee working in B at the end of 2013 is 660 and 84 employee left company in 2014, while 96 new employees joined the company. If respective ratio of employee left the company B in year 2016 and 2017 is 6: 7 and total employee working in B at the end of 2017 is 1398, then find total employee left B in 2016 and 2017 together?

- (1)2652 (2)2874
(3)3516 (4) 4044
(5) None of these

100. The average of total employee left company A in the given three years is 63 and ratio of employee left in 2015 to in 2017 is 7 : 6. If company A start in 2015, then find total employee working in A at the end of 2016 is how much percent more than total employee who joined company C in the year 2016?

- (1)18% (2)25%
(3)22% (4) 20%
(5) None of these

101. If each company start in 2015 and ratio of total employee left A in 2015 to that of B and C together in 2016 is 1: 2. If total employee who left A in 2015 and that of B and C together in 2016 is 108 and total employee who left B in 2016 is 50% of employee who left C in same year, then find difference between total employee working in C at the end of 2017 and total employee working in A at the end of 2016.

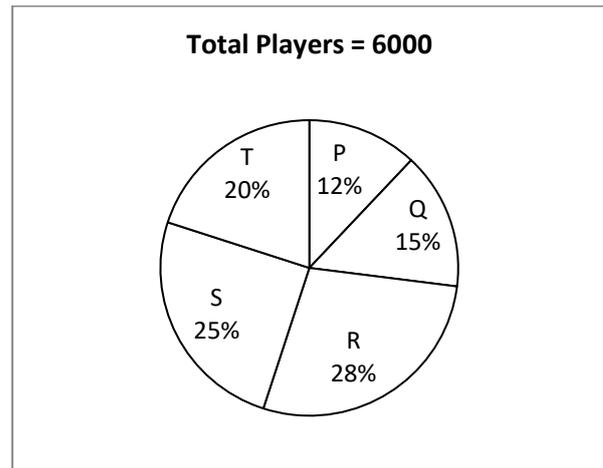
- (1) 244 (2) 286
(3) 252 (4)276

- (5) None of these
102. A broker gets a commission of 8% on the sale upto Rs. 8000 and a commission of 10% on the sale above Rs. 8000. If he returns a sum of Rs. 12310 to the company after deducting his commission, what was total sale of the company?
 (1) 13500 Rs (2) 13800 Rs
 (3) 12900 Rs (4) 12500 Rs
 (5) None of these
103. A sum of Rs 2592 was invested in two banks first bank offers $16\frac{2}{3}\%$ compound interest of compound annually whereas second bank offers a simple interest of $12\frac{1}{2}\%$. Find the difference of SI and CI of 2 years and 6 months.
 (1) Rs. 275 (2) Rs. 250
 (3) Rs. 264 (4) Rs. 279
 (5) None of these
104. A is 30% more efficient than B. B works for 12 days, and the remaining work is completed by A alone in 20 days. In how many days will B, working alone, to complete half of the total work?
 (1) 38 days (2) 30 days
 (3) 23 days (4) 26 days
 (5) 19 days
105. A perfume production company prepares perfume by mixing it with water. The new mixture of 340 litres contains perfume and water in the ratio 27 : 7. Later, the company decides to further liquefy the mixture to form a new mixture containing perfume and water in the ratio 3:1. How much water must they have to add in the previous mixture?
 (1) 20 litre (2) 15 litre
 (3) 10 litre (4) 24 litre
 (5) 30 litre
106. Present age of Rahul's mother is double of his age. Rahul's father is 5 years elder to Rahul's mother. 10 years back, the father was 3 times the age of Rahul. After 5 years, father's age will be twice that of Rahul. What is the ratio of the present ages of Rahul, mother and father?
 (1) 1:2:11 (2) 5:10:11
 (3) 3:8:9 (4) 5 : 11 : 10
 (5) None of these

Directions (107-111) : Read the data carefully and answer the questions.

Given pie chart shows percentage distribution of Players of Kabaddi in five different villages (P, Q, R, S and T) and table shows number of Players who know the game Kabaddi. Note - Total Players = players who

know the game Kabaddi (Skilled) + players who don't know the game Kabaddi but they can play (unskilled).



Village	Players who know the game Kabaddi (Skilled)
P	440
Q	500
R	880
S	700
T	360

107. Total skilled players from village Q and T together is what percent more than total unskilled players from village R?
 (1) 8% (2) 6.5%
 (3) 12% (4) 7.5%
 (5) None of these
108. If total male unskilled players in village S is $66\frac{2}{3}\%$ more than that of female unskilled players, then find ratio of total male unskilled players in village S to total unskilled players in village P and R together?
 (1) 22:43 (2) 23:41
 (3) 25:54 (4) 28:57
 (5) None of these
109. Out of total players in village R, $46\frac{3}{7}\%$ are female and $\frac{7}{13}$ th of total female are unskilled players, then find total unskilled male players from village R.
 (1) 420 (2) 380
 (3) 360 (4) 440
 (5) None of these
110. In another village U total skilled players are 20% more than total unskilled players in village P and total skilled players in village U are $\frac{3}{7}$ th of total players in that village. Find total unskilled players from village U is what percent less than total unskilled players from village R?
 (1) 24% (2) 44%

- (3) 34% (4) 42%
 (5) None of these

111. If the above data given is for the year 2017 and in 2018 total players increased by 40%, while percentage distribution of players of Kabaddi in five different villages remain same as in 2017. If number of skilled players from village P, Q, S and T in 2018 increased by 25%, 20%, 14% and 10% respectively and total skilled players from all the five village in 2018 are 2800, then find total unskilled players from R in 2018.

- (1) 1896 (2) 1472
 (3) 1672 (4) 1596
 (5) None of these

Directions (112-116) : Read the given information carefully and answer the questions given below.

Rohit Sharma scored runs against different countries in three different years.

NOTE: Total runs scored in a year = Australia + England + Others

2017: The total runs scored in 2017 were 1200. The runs scored against England were $\frac{1}{3}$ of the runs against Others in 2018. The average runs scored against Australia and England was 300.

2018: The total runs scored against Australia and Others was 1200. The ratio of the total runs scored against Others in 2017 to that of the total runs scored against Others in 2018 is 4:3. The total runs scored against England in 2018 were equal to the total runs scored against England in 2019.

2019: The sum of the total runs scored against Australia and England is equal to the total runs scored against Others. The total runs scored in 2019 were 1400. The total runs scored against Australia were twice of the runs scored against England in 2017.

112. What were the total runs scored in 2018?
 (1) 1100 (2) 1500
 (3) 1600 (4) 1400
 (5) 1000
113. What is the sum of the runs scored against England in all three years?
 (1) 800 (2) 950
 (3) 850 (4) 1050
 (5) 1100
114. What is the ratio of the total runs scored against Australia in 2017 to that of the total runs scored against England in 2019?
 (1) 7:9 (2) 9:7
 (3) 11:7 (4) 9:8
 (5) 11:13
115. What is the difference between the total runs scored against Others in 2017 to the total runs scored against Others in 2018?

- (1) 150 (2) 200
 (3) 100 (4) 300
 (5) 250

116. The total runs scored against Australia in 2018 is what percentage of the total runs scored against Australia in 2019?

- (1) 125% (2) 100%
 (3) 150% (4) 200%
 (5) 250%

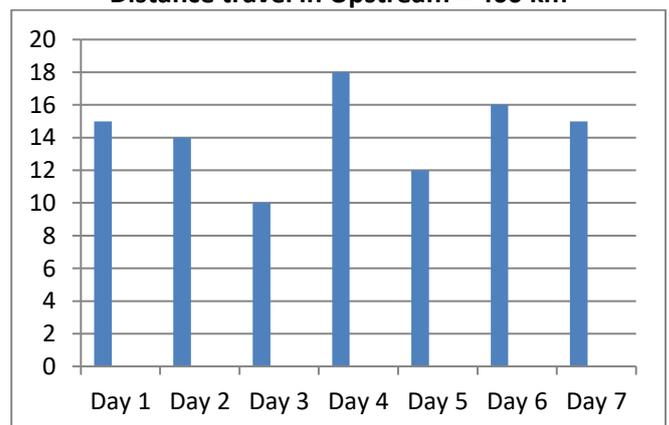
Directions (117-120): What approximate value will come in place of question mark (?) in the following questions?

117. $447.75 \div 28 \times 4.99 = ?$
 (1) 50 (2) 70
 (3) 60 (4) 80
 (5) 90
118. $4985.0346 \div 215.987 + 3768.112 \div 206.868 = ?$
 (1) 40 (2) 50
 (3) 75 (4) 60
 (5) 45
119. $73^2 - 16^3 = ?\%$ of 399
 (1) 250 (2) 270
 (3) 290 (4) 310
 (5) 330
120. 459% of 849.947 + 269.9% of 6281.012 - 1486.002 = ?
 (1) 18500 (2) 17900
 (3) 18200 (4) 19500
 (5) 19300

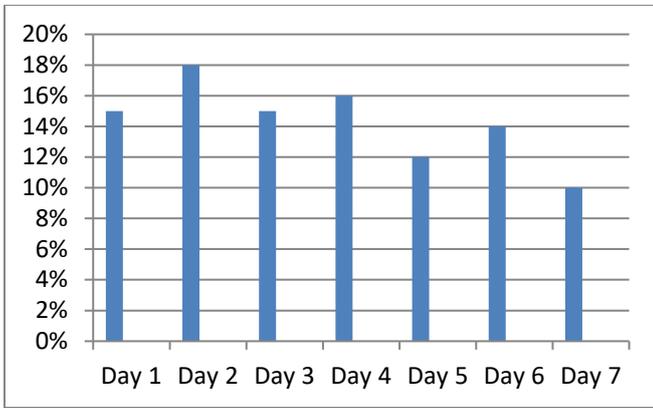
Directions (121-125): Study the data given below and answer the following question.

The bar graphs shown below shows the distance covered by a boat moving upstream and downstream on different days. And the table shows the speed of stream in km/hr. on different days.

Distance travel in Upstream = 400 km



Distance travel in Downstream = 500 km



Day 1	
Day 2	2
Day 3	
Day 4	3
Day 5	
Day 6	4
Day 7	2

121. If the time taken by boat to travel upstream on Day 1 is equal to the time taken by it to travel downstream on Day 5 and the speed of boat in still water on Day 5 is 13 km/h then find the speed of stream in still water on Day 5.
 (1) 13.5 (2) 12.5
 (3) 13 (4) 14
 (5) Can't be determined
122. If the time taken by boat to travel upstream on Day 2 and the time taken by it to travel downstream on the same day is $25\frac{1}{4}$ hrs. Find the speed of boat in still stream on Day 2.
 (1) 4 (2) 5
 (3) 6 (4) 8
 (5) can't be determined
123. If the speed of boat in still water on Day 6 was 31 km/hr and the speed of boat in still water on Day 3 was 28 km/h and time taken to travel downstream on Day 6 is $\frac{5}{6}$ hrs less than the time taken by it to travel downstream on Day 3, then find the speed of stream (in km/h) on Day 3?
 (1) 3 (2) 4
 (3) 5 (4) 6
 (5) None of these
124. The speed of boat in still water on Day 7 was 23 km/hr if the time taken by boat to travel downstream on Day 7 is $\frac{15}{32}$ times taken to travel upstream on Day 1, then find the time taken by the boat to cover a distance of 51.20 km upstream when the speed of stream is same as that of Day 7.
 (1) 0.3 (2) 0.5
 (3) 0.9 (4) 0.8

- (5) None of these
125. If the time taken by boat to travel upstream on Day 1 is 6 hours more than the time taken by it to travel downstream on Day 5 and the speed of boat in still water on Day 5 is 13 km/h, then find the upstream speed of boat on Day 1.
 (1) 12 km/h (2) 15 km/h
 (3) 18 km/h (4) None of these
 (5) Can't be determined

Directions (126-130): In each of the following questions, a question is followed by three statement. Read all the statements and find that which statements are required to answer the question and answer accordingly.

126. What is the volume of the cylindrical tank?
 Statement I: Diameter of the base is equal to the height of the tank.
 Statement II: Height of the tank is 20 m.
 Statement III: Area of the base is 320 sq. m.
 (1) Only I and III (2) Only I
 (3) Only III
 (4) Any two are sufficient
 (5) None of these
127. What is the selling price of the camera if no discount is offered?
 Statement I: Cost price of the camera is Rs 10000.
 Statement II: Profit earned was 20%.
 Statement III: Had 20% discount been offered on marked price the profit would have been Rs. 700.
 (1) Only III (2) Only II and III
 (3) Only I and II
 (4) All together are sufficient
 (5) Any two are sufficient
128. How many students failed in class 6?
 Statement I: 400 students passed in class 6.
 Statement II: Number of students failed in class 6 is 10% of those of failed in class 7?
 Statement III: 75% of the students who appeared in examination have passed taking class 6 and 8 together.
 (1) Only II and III (2) Only I and II
 (3) Only III (4) None of these
 (5) All together are sufficient
129. What is the rate of interest per capita per annum?
 Statement I: Simple Interest accrued in two years on the same amount at the same rate of interest is Rs 44000.
 Statement II: The amount becomes Rs 15400 in two years on simple interest.
 Statement III: Difference between the compound interest and simple interest earned

- in two years on the amount invested is Rs 120.
- (1) Only I and II (2) Only II and III
 (3) Only II (4) Only I and III
 (5) None of these
130. In how many days 9 men and 15 women can the work be done ?
 (I) 6 men and 5 women can complete the work in 6 days.
 (II) 3 men and 4 women can complete the work in 10 days.
 (III) 18 men and 15 women can complete the work in 2 days.
 (1) Only I (2) Only II
 (3) Any two (4) All I, II and III
 (5) None of these
131. In a match of 50 overs, team A's average runs for first thirty overs was 4.5 runs/over while for the remaining 20 overs the average was 5.5 runs/over. Team B chased the target and lost by 10 runs. Find the average runs per over scored by team B. (team B played all the 50 overs).
 (1) 3.6 (2) 5.7
 (3) 4.7 (4) 6.0
 (5) None of these
132. In a bag which contains 40 balls, there are 18 red balls and some green and blue balls. If two balls are picked up from the bag without replacement, then the probability of the first ball being red and second being green is $\frac{3}{26}$. Find the number of blue balls in the bag.
 (1) 12 (2) 10
 (3) 18 (4) None of these
 (5) can't be determined
133. A is 50% more efficient than B. They together start the work and does $\frac{7}{12}$ th of the work in 8 days and A left. Find in what time B alone will complete the whole work.
 (1) $32\frac{1}{7}$ (2) $35\frac{1}{2}$
 (3) $34\frac{2}{7}$ (4) $37\frac{2}{5}$
 (5) None of these
134. There is a square field of area 'X' square meters. A cylindrical ditch of radius 7 meters and depth 2 meters is dug, and the mud is taken out and spread over the remaining part of the square field, the height of square field which goes up by 0.77 meters. What is the value of 'X' ?
 (1) 548 m² (2) 524 m²
 (3) 518 m² (4) 554 m²
 (5) 504 m²
135. A man invested an amount at the rate of 10% p.a. on compound interest and after two years he again invested half of the initial amount. If man got Rs. 444.6 as interest after three years, find the amount received by man after three years, if he invested same amount on simple interest at rate of 15% p.a.?
 (1) 3840 (2) 3590
 (3) 3760 (4) 3720
 (5) None of these
136. From container A containing 54 liter of mixture of milk and water in ratio of 8 : 1 , 18 liter of the mixture is taken out and poured into container B in which ratio of milk to water is 3 : 1. If difference between total milk and total water in container B is 30 liter then find the quantity of initial mixture in container B.
 (1) 30 (2) 28
 (3) 32 (4) 36
 (5) 40
137. Train A can cross a man in 8 sec and a 180 m long platform 'P' in 17 sec. If train A cross train B which is running in opposite direction at speed of 108 km/hr in 8 sec, then find time (in sec) taken by train B to cross platform P ?
 (1) 12 (2) 15
 (3) 18 (4) 14
 (5) None of these
138. There are two shopkeepers, first shopkeeper calculates his profit percent on the selling price whereas the second shopkeeper calculates his profit percent on the cost price. If the selling price for both the shopkeeper is same and the difference between their profits is Rs 175. Then, calculate the sum of the cost price for both the shopkeeper if the profit percent for the both shopkeeper is 25%?
 (1) 5425 (2) 4875
 (3) 4675 (4) 5275
 (5) 5325
139. If 6 years are subtracted from the present age of Ayush and takes 25% of that then we get the present age of his only son. 4 years ago, his daughter's age is 7 years more than his son. Sum of daughter's 'present age and his wife's present age is 10 years more than Ayush's present age then find the present age of Ayush if average of present age of entire family is 30.25 year?
 (1) 45 (2) 50
 (3) 60 (4) 40
 (5) 36
140. 'X' is a bread seller who marked up price of each bread packet by 150% above and allow discounts of 40% and made a profit of Rs. 30 on each bread packet. If 'X' allows 37.5% discount on each packet, then find how much

profit he gets on selling 80 bread packets?

- (1) 2750 (2) 3200
(3) 2700 (4) 2500
(5) 2400

General Awareness

141. Where is Nokrek national park situated?

- 1) Kerala (2) Karnataka
3) Nagaland (4) Meghalaya
5) Madhya Pradesh

142. The headquarter of the World Anti-Doping Agency is situated at _____

- 1) Montreal, Canada
2) Dhaka, Bangladesh
3) Basel, Switzerland
4) The Hague, Netherlands
5) Singapore

143. With which eCommerce platform did NITI Aayog collaborate to revamp the Women Entrepreneurship Platform?

- 1) Amazon India
2) Shopify
3) Flipkart
4) Nykaa
5) Myntra

144. Sadyr Japarov has won the presidential election of which country?

- 1) Tajikistan
2) Uzbekistan
3) Kyrgyzstan
4) Afghanistan
5) Turkmenistan

145. Housing and Urban Affairs Minister, Hardeep Singh Puri has launched _____, a new web portal and mobile app on Good Governance Day.

- 1) E-Aapada
2) E-Sampada
3) E-Vipada
4) E-Suraksha
5) E-Dharma

146. PM Modi has recently flagged off the 100th Kisan Rail of India. This new service has been started to link which states?

- 1) Karnataka and West Bengal
2) Tamil Nadu and Bihar
3) Uttar Pradesh and Bihar
4) Maharashtra and West Bengal
5) Maharashtra and Bihar

147. Which is the umbrella organisation for all retail payment systems in India?

- 1) UPI (2) BBPS
3) NPCI (4) NCMC
5) None of these

148. The Atal Innovation Mission (AIM) has collaborated with which country to launch 'AIM-Sirius Innovation Programme 3.0'?

- 1) United States
2) Russia
3) France
4) Japan
5) Germany

149. When is the International Day of Radiology (IDoR) observed?

- 1) 5 November
2) 7 November
3) 6 November
4) 8 November
5) 9 November

150. India's first solar-based Integrated Multi-Village Water Supply Project (IMVWSP) has been launched in which state?

- 1) Aruanchal Pradesh
2) Haryana
3) West Bengal
4) Karnataka
5) Kerala

151. Malayalam author, _____ has won the JCB Prize for Literature 2020 for his novel Moustache.

- 1) A. Ayyappan
2) Akbar Kakkattil
3) Achuthan Namboothiri
4) M. T. Vasudevan Nair
5) S Hareesh

152. Which of the following film is the only Indian entry at the 33rd Tokyo International Film Festival?

- 1) Chandramukhi
2) Prawaas
3) Sairat
4) Karkhanisanchi Waari
5) Natsamrat

153. Ken Spears who has passed away recently was a renowned American producer, known for creating which animated series?

- 1) DuckTales
- 2) Ben 10: Alien Force
- 3) Scooby-Doo
- 4) Mr. Bean
- 5) Dexter's Laboratory

154. What is the name of the first Anti Satellite (A-SAT) Missile of India?

- 1) Mission Chandrayaan
- 2) Mission Gaganyaan
- 3) Mission Shakti
- 4) Mission Aditya
- 5) Mission Lunar Polar Exploration

155. Which of the following state recently unveiled 'Project Air Care' to combat rising Air Pollution?

- 1) Punjab
- 2) Haryana
- 3) Gujarat
- 4) Uttar Pradesh
- 5) Himachal Pradesh

156. Which of the following is the first state in India to established "Sandalwood Museum" in the state?

- 1) Telangana
- 2) Andhra Pradesh
- 3) Kerala
- 4) Tamil Nadu
- 5) Karnataka

157. What is the capital of Croatia?

- 1) San Jose
- 2) Ottawa
- 3) Bangui
- 4) Zagreb
- 5) None of these

158. Machkund Hydro Electric Power Plant is situated in which of the following state?

- 1) Andhra Pradesh
- 2) Telangana
- 3) Odisha
- 4) Both A & B
- 5) Both A & C

159. What is the rank of India in the Henley Passport Index 2021?

- 1) 80
- 2) 87
- 3) 82
- 4) 85
- 5) 88

160. Who is the author of the book "The Population Myth: Islam, Family Planning and Politics in India"?

- 1) Navin Chawla

- 2) Achal Kumar Jyoti
- 3) S Y Quraishi
- 4) Nasim Zaidi
- 5) Ranjit Mishra

161. What is India's retail inflation in December 2020?

- 1) 1.59 per cent
- 2) 2.59 per cent
- 3) 3.59 per cent
- 4) 4.59 per cent
- 5) 5.59 per cent

162. What is the theme of "One Planet Summit 2021"?

- 1) Promotion of agro-ecology
- 2) Mobilization of funding for biodiversity
- 3) Protection of terrestrial and marine ecosystems
- 4) Preservation of life have been chosen
- 5) Let's act together for nature!

163. How much amount has been approved by the Cabinet for the Atmanirbhar Bharat Rojgar Yojana (ABRY)?

- 1) Rs.22,810 crore
- 2) Rs.22,510 crore
- 3) Rs.22,110 crore
- 4) Rs.22,310 crore
- 5) Rs.22,210 crore

164. The term "kite flying" in banking refers to :

- 1) drawing a cheque without providing sufficient funds to meet it
- 2) drawing and acceptance of a bill of exchange without consideration with a view to accommodate the other party
- 3) the practice of paying usance bills before they become due
- 4) drawing a post-dated cheque
- 5) None of these

165. Rani ki vav is an important historical monument located in the state of _____

- 1) Himachal Pradesh
- 2) Rajasthan
- 3) Haryana
- 4) Madhya Pradesh
- 5) Gujarat

166. How many digits code are there in Mobile Money Identifier (MMID)?

- 1) Six Digit code
- 2) Seven Digit code
- 3) Eight Digit code
- 4) Nine Digit code
- 5) Ten digit code

167. What is a Cross cheque ?

- 1) which can be encashed only by the drawee
 2) which can be encashed only through a bank
 3) which can be encashed only at the State Bank of India
 4) which can be encashed only after it has been transferred to another person
 5) None of these
168. Baku is the capital of which country?
 a) Central African Republic
 b) Azerbaijan c) Lebanon
 d) Namibia e) None of These
169. The Institute of Food Security is headquartered in which of the following states?
 a) Haryana b) Rajasthan
 c) West Bengal d) Maharashtra
 e) Madhya Pradesh
- 170..... is India's first and largest atomic power station.
 a) Tarapur Atomic Power Station
 b) Madras Atomic Power Station
 c) Kaiga Nuclear Power Plant
 d) Rawatbhata Atomic Power Station
 e) None of these
171. National Farmer's Day is observed in India on which day?
 (a) December 20
 (b) December 22
 (c) December 21
 (d) December 23
 (e) December 24
172. What is the currency of Belarus ?
 a) Krone b) Ruble c)
 Dollar d) Gourde e) None of these
173. Lezim is a popular folk dance form of which Indian state?
 a) Assam b) Arunachal Pradesh c)
Maharashtra d) Odisha e) Goa
174. Copenhagen is the capital of which country?
 a) Cyprus b) Denmark c)
 Georgia d) Haiti e) Ireland
175. Bhagalpur in Bihar is a city situated along the banks of the River _____
 a) Durgavati b) Mahananda c)
 Koshi d) Falgu e) Ganges
176. India's largest commercial Bank is :
 (1) Bank of Baroda
 (2) State Bank of India
 (3) ICICI
 (4) Punjab National Bank
 (5) Central Bank of India
177. Mutual Funds are regulated by :
 (1) Reserve Bank of India
 (2) Securities and Exchange Board of India
 (3) Mutual Funds Board of India
 (4) Either 1 or 3
 (5) None of these
178. Name of the bank which first time introduce the merchant banking in India is :
 (1) Imperial Bank of India
 (2) Grindlays Bank
 (3) United Bank
 (4) London Bank
 (5) None of these
179. The Banking Ombudsman Scheme was introduced under :
 (1) Banking Regulation Act, 1935
 (2) Banking Regulation Act, 1949
 (3) Banking Regulation Act, 1985
 (4) Banking Regulation Act, 1987
 (5) None of the above
180. Which bank has won the 2020 Central bank of the year award?
 (a) Reserve Bank of India
 (b) Bank of Ghana
 (c) Bank of England
 (d) Reserve Bank of Australia
 (e) State Bank of Pakistan
181. The Life Insurance Corporation of India was founded in the year.....
 a)1912
 b)1919
 c) 1937
 d)1945
 e)1956
182. Which bank issued the 1st MUDRA card?
 a) Bank of India
 b) UCO Bank
 c) Corporation Bank
 d) Syndicate bank
 e) None of these
184. Which of the following is not among the six principal organs of the UN?
 a) General Assembly
 b) Security Council
 c) International Court of Justice
 d) International Monetary Fund
 e) All of these are organs of UN
185. Which brokerage company launched India's 1st Aadhaar-based Systematic Investment

Plan(SIP) payments feature?

- 1) India Infoline
- 2) Zerodha
- 3) Groww
- 4) Upstox
- 5) ETMONEY

186. Who was appointed as the new Chairman & Managing Director of Small Industries

Development Bank of India (SIDBI) for a period of 3-years?

- 1) U. B. Pravin Rao
- 2) S Ramann
- 3) G.R. Chintala
- 4) Ajay Tyagi
- 5) Suneet Sharma

187. Identify the Banks that were listed by NITI Aayog for privatization in FY22:

- i. Bank of India
- ii. Central Bank of India
- iii. Canara Bank
- iv. Indian Overseas Bank

- 1) Only i & iv
- 2) Only i & iii
- 3) Only ii, iii & iv
- 4) Only i, iii & iv
- 5) Only ii & iv

188. Chrysilla volupe spiders, a rare species, was recently spotted at Puttenahalli lake. Where is the lake located?

- 1) Kerala
- 2) Karnataka
- 3) Punjab

4) Uttarakhand

5) Assam

189. Where is "Venice and its Lagoon" - a famous UNESCO World Heritage Site located?

- 1) Greece
- 2) Portugal
- 3) Turkey
- 4) Belgium
- 5) Italy

190. Match the following Union Ministers with their respective Portfolio:

- i. Narayan Tatu Rane a. Ministry of MSME
- ii. Ashwini Vaishnaw b. Ministry of Environment, Forest & Climate Change
- iii. Jyotiraditya Scindia c. Ministry of Civil Aviation
- iv. Bhupender Yadav d. Ministry of Railways

- 1) i-d, ii-b, iii-a, iv-c
- 2) i-d, ii-c, iii-a, iv-b
- 3) i-d, ii-b, iii-c, iv-a
- 4) i-a, ii-d, iii-c, iv-b
- 5) i-a, ii-c, iii-d, iv-b