

**Direction: Spot the part of the sentence where there is an error**

1. It was him/ who came/running/into the class room

- (A) It was him
- (B) who came
- (C) running
- (D) into the classroom

2. **Direction: Spot the part of the sentence where there is an error**

The committee has made/significant changes in/the rules which /will help to banks.

- (A) The committee has made
- (B) significant changes in
- (C) the rules which
- (D) will help to banks

3. **Direction: Spot the part of the sentence where there is an error**

Everyone of the students/has bought/his/identity card.

- (A) Everyone of the students
- (B) has bought
- (C) his
- (D) identity card

**Direction: Pick out the most effective word from the given words to make the sentence meaningfully complete.**

4. She \_\_\_\_\_ to learn basic Malayalam as she will be \_\_\_\_\_ for Kerala next month

- (A) likes, reaching
- (B) wants, leaving
- (C) intends, visiting
- (D) tries, going

5. **Direction: Pick out the most effective word from the given word to make the sentence meaningfully complete.**

Please do not \_\_\_\_\_ when I am talking

- (A) disrupt
- (B) interface
- (C) interrupt
- (D) disturb

6. **Direction: Pick out the most effective word from the given words to make the sentence meaningfully complete.**

They \_\_\_\_\_ a sound infrastructure in order to \_\_\_\_\_ with the new challenges

- (A) want, handle
- (B) got, meet
- (C) have, give
- (D) need, cope

7. **Direction: Pick out the most effective word from the given word to make the sentence meaningfully complete.**

I saw a \_\_\_\_\_ of cows in the field

- (A) group
- (B) flock
- (C) herd
- (D) swarm

8. **Direction: Pick out the most effective word from the given word to make the sentence meaningfully complete.**

All the answers of the exams were written \_\_\_\_\_ blue ink.

- (A) by
- (B) in
- (C) on
- (D) with

9. **Direction: Select the correctly spelt word**

- (A) Apprehension
- (B) Apprihension
- (C) Apprehinsion
- (D) Aprehension

10. **Direction: Select the correctly spelt word**

- (A) Dicotomy
- (B) Dicotemy
- (C) Dichotomy
- (D) Dechotomy

**Direction: Choose a one word for the given sentence**

11. Extreme old age when a man behaves like a fool.

- (A) Imbecility
- (B) Absurdity
- (C) Dotage
- (D) Gerontology

12. **Direction: Choose a one word for the given sentence**

The scientific study of old age.

- (A) Gerontology
- (B) Anthropology
- (C) Asthenology
- (D) Demology

**Direction: From the given alternatives, choose the one which best expresses the given sentence in Direct/Indirect Speech**

13. Mustana ordered her research scholar to bring her thesis for final correction

- (A) Mustana told her research scholar, "Bring your thesis for final correction".
- (B) Mustana said, "Bring your thesis for final correction".
- (C) Mustana said to her research scholar, "Bring me your thesis for final correction".
- (D) Mustana told her research scholar, "Bring her that thesis for final correction".

14. **Direction: From the given alternatives, choose the one which best expresses the given sentence in Direct/Indirect Speech**

Mallamma said that her brother was getting married.

- (A) Mallamma said, "Her bother is getting married".
- (B) Mallamma told, 'Her brother is getting married'.
- (C) Mallamma said, "My brother is getting married".
- (D) Mallamma said, "My brother was getting married".

15. **Direction: From the given alternatives, choose the one which best expresses the given sentence in Direct/Indirect Speech**

She exclaimed with joy that India had won the World Cup.

- (A) She said, "India has won the World Cup".
- (B) She said, "India won the World Cup".
- (C) She said, "How! India win the World Cup".
- (D) She said, "Hurrah! India has won the World Cup".

16. **Direction: From the given alternatives, choose the one which best expresses the given sentence in Direct/Indirect Speech**

“Call the first witness”, said the Judge.

- (A) The Judge commanded them to call the first witness.
- (B) The Judge ordered them to call the first witness.
- (C) The Judge asked them to call the first witness.
- (D) The Judge requested them to call the first witness.

17. **Direction: From the given alternatives, choose the one which best expresses the given sentence in Direct/Indirect Speech**

I told him that he was not working hard.

- (A) I told him, “You are not working hard”.
- (B) I said, “You are not working hard”.
- (C) I said to him, “You are not working hard”.
- (D) I informed him, “You are not working hard”.

**Direction : Select the most appropriate synonym to the given word**

18. DEFER

- (A) reject
- (B) indifferent
- (C) differ
- (D) postpone

19. **Direction : Select the most appropriate synonym to the given word**

IMPERCEPTIBLE

- (A) humble
- (B) obvious
- (C) subtle
- (D) mean

20. **Direction : Select the most appropriate synonym to the given word**

ALTERCATION

- (A) charge
- (B) demand
- (C) contamination
- (D) heated dispute

**Direction : *Find the correct sequence***

21. **P.** many students from all over India  
**Q.** participated in the competition  
**R.** by different schools and colleges  
**S.** which is held on all India basis

- (A) PQRS
- (B) PQSR
- (C) RQPS
- (D) PRSQ

**Direction : *Find the correct sequence***

22. **P.** they tampered with the evolution  
**Q.** of humans and the result  
**R.** practically everywhere  
**S.** of this can be seen

- (A) PQSR
- (B) QRPS
- (C) RQPS
- (D) RPQS

**Direction: Replace the underlined word with the correct choice**

23. It will be done by then.

- (A) soon
- (B) that time
- (C) earlier
- (D) later

24. **Direction: Replace the underlined word with the correct choice**

The noise comes from across the river.

- (A) beyond
- (B) inside
- (C) cross
- (D) the depths of

**Direction: Fill in the blank with the most suitable word**

25. His \_\_\_\_\_ behavior stunned us.

- (A) charming
- (B) awkward
- (C) rusty
- (D) brazen

26. **Direction: Fill in the blank with the most suitable word.**

The old man walked \_\_\_\_\_.

- (A) gingerly
- (B) mentally
- (C) feebly
- (D) disgustingly

27. **Direction: Fill in the blank with correct alternative**

The river flows \_\_\_\_\_ the bridge.

- (A) below
- (B) under
- (C) into
- (D) to

28. **Direction: Fill in the blank with correct alternative**

Jai insisted \_\_\_\_\_ seeing the papers.

- (A) on
- (B) in
- (C) at
- (D) to

29. **Direction: Fill in the blank with correct alternative**

The man is \_\_\_\_\_ television.

- (A) seeing
- (B) watching
- (C) reviewing
- (D) listening

30. **Direction: Fill in the blank with correct alternative**

We are ready \_\_\_\_\_ the battle.

- (A) to
- (B) of
- (C) with
- (D) for

**Direction: Choose the appropriate combination of articles to fill the two blanks in the sentence given below**

31. It is not all unusual for \_\_\_\_\_ editor to tamper with \_\_\_\_\_ writer's manuscript.

- (A) an, a
- (B) the, no article
- (C) an, no article
- (D) an, the

32. **Direction: Choose the appropriate combination of articles to fill the two blanks in the sentence given below**

It turned \_\_\_\_\_ piece of brilliant verbosity into one of \_\_\_\_\_ greatest poems of that era.

- (A) a, the
- (B) the, no article
- (C) the, a
- (D) a, no article



**Direction: Read the passage carefully and answer the questions below**

The chief limitation of natural science is that it is not human. But we have to live with human beings including ourselves- and nearly all the problems of life are human, whereas the problems and subject-matter of physics, chemistry and biology are not. When we enter their laboratories, we find no human there, except ourselves and our fellow-workers. We are in a world of cells, elements, and atoms (or whatever substitutes for them the latest analysis reveals). There are obvious dangers in living in such a world. It is too unlike the world of men to be a good preparation for it; the fundamental reality in that world is human personality: the ideal society is a community of such personalities, self-controlling, self-developing, self-respecting and respecting others. But natural science is not concerned with personality at least in this sense and in their relations; and there is a risk that when we return to the human world, we may be inclined to ignore its difference from the laboratory, and even to treat men as if they were elements or cells. It is perhaps their training which explains why some scientists are sympathetic towards communism.

Some people turn to communism because it offers them a positive faith in an age of skepticism, makes their decision for them and once accepted, relieves them of the painful task of thinking for themselves. Materialistic scientists are attracted to communism for a different reason. Its drastic methods resemble those inanimate materials with atoms and cells, manipulating and controlling them in the interest of a great overriding end. It is this control and manipulation that makes the triumphs of science possible; and it seems natural to apply a similar technique to social and political problems and so achieve more rapid and effective results than the tedious methods of persuasion allow. This technique appears to offer the quickest way to a better and more rational world and in so good a cause it seems wrong to be too tender with individual personalities and conscience.

33. The chief limitation of natural science is that it is
- (A) immoral
  - (B) spiritual
  - (C) human
  - (D) not human
34. In the laboratories, we are in the world of
- (A) the cells
  - (B) the skeletons
  - (C) cells, elements and atoms
  - (D) none of the above
35. The control and manipulation of atoms and cells make
- (A) the triumph of science possible
  - (B) the triumph of science impossible
  - (C) the solution of all problems
  - (D) none of the above

36. Political and social problems can also be solved with
- (A) the technique of control and manipulation
  - (B) tenderness
  - (C) rudeness
  - (D) all of the above

**Direction: In the following question there is a certain relation between two given words on one side of :: and one word is given on another side of ::. Choose the suitable word to be put on the other side from the given alternatives**

37. Inherit. Acquire :: Hierarchical: \_\_\_\_\_
- (A) Succession
  - (B) Gain
  - (C) Instinct
  - (D) Discover

38. Aircraft: Air :: Satellite: \_\_\_\_\_
- (A) Telecommunication
  - (B) Television
  - (C) Cables
  - (D) Outer space

**Direction: Select the most appropriate antonym to the given word**

39. WORTHY
- (A) ugly
  - (B) undeserving
  - (C) valuable
  - (D) dishonourable

40. **Direction: Select the most appropriate antonym to the given word**

AUDACITY

- (A) cowardice
- (B) patricide
- (C) bravado
- (D) quivering

**GENERAL KNOWLEDGE (Qn.Nos. 41 to 55)**

41. What does USB stand for?
- (A) Universal Serial Block
  - (B) Universal Serial Bus
  - (C) Universal Security Bus
  - (D) Universal Security Block
42. *Amicus curiae* means
- (A) Counsel for petitioner
  - (B) Counsel for the respondent
  - (C) Government Pleader
  - (D) Friend of the Court
43. Who won “Man of the Series” Award in the India-Australia One Day series, recently held in Australia?
- (A) Virat Kohli
  - (B) Rishap Pant
  - (C) M.S. Dhoni
  - (D) Rohit Sharma
44. “Big Bang Theory” is related with
- (A) Continental Drift
  - (B) Origin of Universe
  - (C) Origin of Himalayas
  - (D) Eruption of volcanoes
45. The most abundant inert gas in the atmosphere is
- (A) Helium
  - (B) Neon
  - (C) Argon
  - (D) Krypton

46. Koneru Humpy plays
- (A) Badminton
  - (B) Cricket
  - (C) Chess
  - (D) None of the above
47. Which of the following is not a principal organ of the UNO?
- (A) General Assembly
  - (B) Trusteeship Council
  - (C) Security Council
  - (D) World Health Organization
48. The most literate Union Territory in India is
- (A) Delhi
  - (B) Lakshadweep
  - (C) Chandigarh
  - (D) Puducherry
49. Prof. Amartya Sen was awarded Nobel Prize for his contribution to the field of
- (A) Welfare Economics
  - (B) Food and Famines
  - (C) Indian Economy
  - (D) Poverty
50. The 'Chipko movement' is related to
- (A) Wildlife
  - (B) Scientific Agriculture
  - (C) Forest Conservation
  - (D) Deforestation
51. Who is the author of the book "Two Lives"?
- (A) Vikram Seth
  - (B) James Patterson
  - (C) Ved Mehta
  - (D) Khushwant Singh

52. Official name of World Bank was
- (A) International Bank for Reconstruction and Development
  - (B) International Bank for Rehabilitation and Development
  - (C) International Bank for Refinance and Development
  - (D) International Bank for Research and Development
53. First successful heart transplantation was done by
- (A) D.S. Paintal
  - (B) Christian Barnard
  - (C) D. Shetty
  - (D) P.K. Sen
54. The first Women University was established at
- (A) Mumbai
  - (B) Pune
  - (C) Thane
  - (D) Nasik
55. In banking terminology, CRR means
- (A) Credo Reserve Ratio
  - (B) Cash Reserve Ratio
  - (C) Credit Rating Ratio
  - (D) Cash Rating Ratio

**GENERAL APTITUDE IN INTELLECTUAL PROPERTY LAW (Qn.Nos.56 to 75)**

56. The decision laid down by U.S. Supreme court in “Diamond V.Chakrabarty” in 1980 is the basic foundation for the:
- (A) evolution of modern biotechnology patent law
  - (B) evolution of modern copy right law
  - (C) evolution of modern trade mark law
  - (D) evolution of modern trade secret law

57. What is the expansion of TRIPs:
- (A) Trade Related aspects of Intellectual Property Rights
  - (B) Trade Rights for Intellectual Property Rights
  - (C) Trade Related rights for Intellectual Property
  - (D) Trade and Trade secret for Intellectual Property
58. The Patent Act 1970 grant patent for:
- (A) Process only
  - (B) Product only
  - (C) Both process and product
  - (D) None of the above
59. What is the expansion of TRIMS?
- (A) Trade Related Investment Measures
  - (B) Time Resolved Ion Momentum Spectrometry
  - (C) Technical Risk Identification and Mitigation System
  - (D) Trinity River Information Management System
60. World Book and Copy Right day is observed by UNESCO every year on
- (A) 20<sup>th</sup> April
  - (B) 21<sup>st</sup> April
  - (C) 22<sup>nd</sup> April
  - (D) 23<sup>rd</sup> April
61. Trade mark is
- (A) Represented graphically
  - (B) Capable of distinguishing the goods or service of one person from those of other
  - (C) May include shape of goods or combination of colors
  - (D) All of the above
62. The term of patent is counted from
- (A) the date of filing the application for patent
  - (B) the date of order for provisional specification
  - (C) the date of order for complete specification
  - (D) None of the above

63. A patent application will be published in the official journal of the patent office on the expiry of \_\_\_\_\_ months from the date of filing or date of priority of the application, whichever is earlier.
- (A) eighteen
  - (B) twelve
  - (C) fifteen
  - (D) twenty four
64. What is the expansion of GATT?
- (A) General Agreement on Trade and Trade Secret
  - (B) General Agreement on Tariffs and Trade
  - (C) General Agreement on Trade and Trade Activities
  - (D) None of the above
65. Intellectual Property Rights (IPR) protect the use of information and ideas having
- (A) ethical value
  - (B) moral value
  - (C) social and equitable value
  - (D) commercial value
66. What is the expansion of WTO?
- (A) World Technology Organization
  - (B) World Time Organization
  - (C) World Trade Organization
  - (D) Weak Trade Organization
67. Design does not include
- (A) property mark
  - (B) shape
  - (C) pattern
  - (D) ornament
68. Registration of designs is protected for a maximum of
- (A) 5 years
  - (B) 10 years
  - (C) 15 years
  - (D) 20 years

69. TRIPS Agreement was adopted in
- (A) 1947
  - (B) 1992
  - (C) 1994
  - (D) 2005
70. Amongst the following which one is not a goal of convention on Biological Diversity?
- (A) To promote the conservation of biodiversity
  - (B) The sustainable use of its components
  - (C) Fair and equitable benefits of sharing
  - (D) Distribution of biological resources
71. Nagoya Protocol provides
- (A) access to benefit sharing
  - (B) transfer of technology
  - (C) clean development mechanism
  - (D) inter generational equity
72. TRIPS agreement excludes
- (A) Article 7 of the Berne Convention, 1886
  - (B) Article 8 of the Berne Convention, 1886
  - (C) Article 6 of the Berne Convention, 1886
  - (D) Article 9 of the Berne Convention, 1886
73. Hague Treaty deals with
- (A) International Registration of Patent
  - (B) International Registration of Trade Mark
  - (C) International Registration of Design
  - (D) International Registration of Copyright
74. The proposer of labour theory of intellectual property is
- (A) John Locke
  - (B) Austin
  - (C) Rutherford
  - (D) Hegel



75. The doctrine of *scene-a-faire* is used as a defence in

- (A) copyright infringement suit
- (B) patent infringement suit
- (C) trademark infringement suit
- (D) design infringement suit

**ANALYTICAL AND REASONING ABILITY (Qns. No.76 to 116)**

76. A man took a loan from a bank at the rate of 12% p.a. at simple interest. After 3 years he had to pay Rs. 5400 as interest only for the period. The principal amount borrowed by him was

- (A) Rs. 2000
- (B) Rs. 10,000
- (C) Rs. 15,000
- (D) Rs. 20,000

77. Solve:  $12\% \text{ of } 580 + ? = 24$

- (A) 24.4
- (B) 44.4
- (C) 54.4
- (D) 64.4

78. Seema bought 20 pens, 9 packets of wax colours, 6 calculators and 7 pencil boxes. The price of one pen is Rs. 7, one packet of wax colour is Rs. 22, one calculator is Rs. 175 and one pencil box costs Rs.14 more than the combined price of one pen and one packet of wax colours. How much amount did she pay to the shopkeeper?

- (A) Rs. 491
- (B) Rs. 1667
- (C) Rs. 1725
- (D) Rs. 1527

**Direction: Find the missing number in the following series**

79. 2, 5, 9, \_\_\_\_\_, 20, 27

- (A) 11
- (B) 12
- (C) 13
- (D) 14

80. **Direction: Find the missing number in the following series**

234567, 23456, \_\_\_\_\_, 234, 23

- (A) 2356
- (B) 2347
- (C) 2345
- (D) 345

81. **Direction: Find the missing number in the following series**

\_\_\_\_\_, 85, 81, 83, 79, 81, 77

- (A) 89
- (B) 87
- (C) 85
- (D) 80

82. **Direction: Find the missing number in the following series**

40, 120, 60, 180, 90, \_\_\_\_\_, 135

- (A) 105
- (B) 110
- (C) 210
- (D) 270

83. **Direction: Find the missing number in the following series**

8, 43, 11, 41, \_\_\_\_\_, 39, 17

- (A) 8
- (B) 4
- (C) 43
- (D) 44

84. In certain code, TERMINAL is written as SDQLJOBM. How is CREDIBLE written in that code?
- (A) BQDCHAKD
  - (B) BQDCJCMF
  - (C) DSFEJCMF
  - (D) DSFEHAKD
85. A number when increased by 12% gives 224. What is the number?
- (A) 200
  - (B) 212
  - (C) 236
  - (D) 248
86. If EXPORT is coded as USPQYF, then how will CAPITAL be coded?
- (A) BMUJQBD
  - (B) MBJUQBD
  - (C) MBUJQBD
  - (D) MBUJQDB
87. If 18 men can do a work in 20 days, then 24 men do the same work in
- (A) 15 days
  - (B) 20 days
  - (C) 21 days
  - (D) 22 days
88. 4 men and 5 women do a piece of work in 8 days while 5 men and 5 women finish it in 6 days. 3 men and 5 women will finish it in how many days?
- (A) 8 days
  - (B) 10 days
  - (C) 12 days
  - (D) 15 days
89. Amitab can do the work in 30 days. Sumitab is 25% more efficient, than Amitab. The number of days taken by Sumitab to do the same work is

- (A) 20 days
- (B) 24 days
- (C) 26 days
- (D) 28 days

90. The odd numbers from 1 to 45 which are exactly divisible by 3 are arranged in an ascending order. The number at 6<sup>th</sup> position is

- (A) 18
- (B) 24
- (C) 33
- (D) 36

91. In an examination 85% of the students passed and 270 failed. How many students appeared for the examination?

- (A) 1500
- (B) 1800
- (C) 2100
- (D) 2400

92. If the price of mangoes is decreased by 40%, one could get 32 more mangoes for Rs. 120. Find the original price of each mango.

- (A) Rs. 2.00
- (B) Rs. 2.50
- (C) Rs. 3.00
- (D) Rs. 3.50

93. Cost of 8 dozen bananas is Rs. 180. How many bananas can be purchased for Rs. 30?

- (A) 12 bananas
- (B) 14 bananas
- (C) 16 bananas
- (D) 18 bananas

94. Nimala is facing North. She turns left and walks 10 m. Then she turns left again and walks 30 m. In which direction is she from the starting point now?

- (A) North-East
- (B) North-West
- (C) South-East

(D) South-West

95. A boy walks 2 km to West then turns North and walks 10 km. Again, he turns to West and walks 4 km after this he turns to South and walks 18 km. Now, how far is he from his starting point?
- (A) 8 km  
(B) 10 km  
(C) 11 km  
(D) 12 km

**Direction: Read both Assertions (A) and Reasons (R) and mark which is the right one**

96. Assertion (A): In the 18th century, the British introduced the “Dual Policy” of Government.  
Reason (R) : The system of Dual Policy of Government had failed.
- (A) Both A and R are correct and R is the correct explanation of A  
(B) Both A and R are correct, but R is not the correct explanation of A  
(C) A is correct but R is incorrect  
(D) A is incorrect but R is correct

97. **Direction: Read both Assertions (A) and Reasons (R) and mark which is the right one**

- Assertion (A) : In the 19th century India became a victim of colonialism.  
Reason (R) : Industrial Revolution resulted in the need for more and more markets.
- (A) Both A and R are true and R is the correct explanation of A  
(B) Both A and R are true, but R is not the correct explanation of A  
(C) A is true but R is false  
(D) A is false but R is true

**Direction: Read the following data and use it for answering the below question**

A shopkeeper is preparing gift boxes of sweets. Each box will contain exactly two kinds of pedhas to be selected from F, G, H and exactly three kinds of rasgollas to be selected from P, Q, R, S, and T with the following restrictions:

- I. G cannot be in the same box as T
- II. P cannot be in the same box as S
- III. Q cannot be in the same box as T

98. If G is included in a box, which of the following is a kind of sweet that must also be included?
- (A) F
  - (B) H
  - (C) P
  - (D) Q
99. If H is not included in a particular box, any of the following kinds of sweet can be included except
- (A) P
  - (B) Q
  - (C) R
  - (D) T
100. Which of the following kind of sweet must be included in each of the boxes?
- (A) F
  - (B) G
  - (C) P
  - (D) R
101. If T is included in a box, the box must also include which of the following kinds of sweet?
- (A) F and G
  - (B) F and H
  - (C) P and R
  - (D) R and S

**Direction: (Qns.No.102 to 104): Mark the correct inference drawn in each case**

102. Statement: Most of the students of Navodaya Vidyalaya are of outstanding merit.  
Inference:
- (A) Some of the students are of outstanding merit.
  - (B) There is no student in the Vidyalaya who is not outstanding
  - (C) There are some students in Navodaya Vidyalaya who are below outstanding merit
  - (D) All students are of outstanding merit.
103. Statement: Examinations are going on in the Law College. The Law College is closed on Sunday.  
Inference:
- (A) Students would not go to Law College on Sunday
  - (B) Law College is open on Sunday due to exams
  - (C) There is no examination in Law College on Sunday
  - (D) Examinations presume Law College to be open on all days.
104. Statement: Many smokers suffer from cancer.  
Inference:
- (A) Most cancer patients are smokers
  - (B) Smoking may lead to cancer
  - (C) Most smokers get cancer
  - (D) Smoking always leads to cancer

**Read the following information and answer the question given below:**

The Board of Cricket Control in India is in search of a new coach for the Indian team. It shortlisted five names- Anushman, Buchanan, John, Whatmore and Chappel. Each of them is from a different country, Australia, India, Japan, Pakistan and Canada, not necessarily in that order. At present each of them is coaching a different country, Australia, Bangladesh, China, Wales and Bermuda not necessarily in that order. The following information is also available about them.

- (i) For any person each of his three particulars- his name, the name of the country from which he is and the name of the country he is coaching at present, starts with a different letter.
  - (ii) Whatmore is coaching Australia and John is from neither Australia nor Pakistan
  - (iii) Buchanan is not coaching China and the person who is coaching Bermuda is from Canada.
  - (iv) Anushman is neither from Canada nor from Pakistan and also the person from Pakistan is coaching Bangladesh.
105. Chappel is not coaching
- (A) India
  - (B) China
  - (C) Wales
  - (D) Australia
106. Who is the person not from Australia?
- (A) Buchanan
  - (B) John
  - (C) Anushman
  - (D) Whatmore
107. The person from Canada is definitely not coaching
- (A) Australia
  - (B) Wales
  - (C) China
  - (D) India



108. Who is person definitely not coaching Bermuda?

- (A) Buchanan
- (B) Anushman
- (C) Chappel
- (D) Whatmore

**Direction: (Qns.No.109 to 111):** Read the following data and use it for answering the questions that follow:

Four people **A, B, C** and **D** have together got **Rs. 100/-** with them.

**A** and **B** have got as much money as **C** and **D** put together.

**A** has got more money than **B**.

**C** has half as money as **D** has.

**A** has **Rs. 5/-** more than **D**.

109. Who has got the most money?

- (A) A
- (B) B
- (C) C
- (D) Cannot be determined

110. How much does **B** have?

- (A) Rs. 11.60
- (B) Rs. 15.50
- (C) Rs. 32.30
- (D) Rs. 10.30

111. Who has got the second biggest sum?

- (A) A
- (B) B
- (C) C
- (D) D

112. If the digits in the number 86435192 are arranged in ascending order, what will be the difference between the digits which are second from the right and fourth from the left in the new arrangement?

- (A) One
- (B) Two
- (C) Three

(D) Four

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113. On Monday I told my friend that I would start for Calcutta day after tomorrow and reach there the day before the day that comes after the day after tomorrow. On which day would I reach Calcutta?

- (A) Wednesday
- (B) Thursday
- (C) Friday
- (D) Saturday

114. Mr. A meets Mr. B. B is the father of a son C and a daughter D. E is the mother of A. C is married and has one son. E is the daughter-in-law of B. How is A related to B?

- (A) Uncle
- (B) Grandson
- (C) Son
- (D) Nephew

115. How many 4s are there in the series below which are preceded by 8 and followed by 0?

8 4 0 4 8 0 4 8 0 4 8 0 4 8 0 4 8 0 4 8 0 4 8 0 4 8 0 4

- (A) 1
- (B) 2
- (C) 3
- (D) 4

116. Raju is standing facing north. He goes 30 metres ahead and turns left and goes for 15 metres. Now he turns right and goes for 50 metres, and finally turns to his right and walks. In which direction is he heading?

- (A) North
- (B) East
- (C) South
- (D) West

## **RESEARCH APTITUDE**

117. Arrange the following steps of research in correct sequence:  
P. Identification of research problem  
Q. Methodology  
R. Framing Hypothesis  
S. Data analysis and Result and discussion
- (A) PQRS  
(B) PRQS  
(C) PSRQ  
(D) PRSQ
118. Amongst the following which method is considered as a suitable method to solve the practical problem?
- (A) Historical method  
(B) Evaluative method  
(C) Comparative method  
(D) Applied Method
119. The 'Sociogram' technique is used to study
- (A) human habitat  
(B) origin of human being  
(C) human relations  
(D) professional competence of human
120. Observation method is used in
- (A) analytical research  
(B) historical research  
(C) evaluative research  
(D) descriptive research
121. A researcher wants to study the future of Aam Admi Party in India. Which one of the following is most appropriate tool for his study?
- (A) Questionnaire  
(B) Interview  
(C) Case study  
(D) Observation

122. In a doctrinal research, information means
- (A) raw data
  - (B) variable
  - (C) organized data
  - (D) input data
123. Census of India is an example of
- (A) historical research
  - (B) descriptive research
  - (C) exploratory research
  - (D) evaluative research
124. A researcher selects a probability sample of 100 out of the total population. It is
- (A) a cluster sample
  - (B) a random sample
  - (C) a stratified sample
  - (D) a targeted sample
125. Which of the sets of activities best indicate the cyclic nature of action research strategy?
- (A) Reflect, Observe, Plan, Act
  - (B) Act, Plan, Observe, Reflect
  - (C) Observe, Act, Reflect, Plan
  - (D) Plan, Act, Observe, Reflect
126. Which of the following sampling methods is not based on probability?
- (A) Cluster Sampling
  - (B) Simple Random Sampling
  - (C) Stratified Sampling
  - (D) Quota Sampling
127. Inductive reasoning presupposes
- (A) harmony in human nature.
  - (B) integrity in human nature.
  - (C) unity in human nature.
  - (D) uniformity in human nature.

128. Social Science methodology today heavily depends upon
- (A) survey method
  - (B) case study method
  - (C) interview method
  - (D) observation method
129. Who said that members of the same species are not alike?
- (A) Darwin
  - (B) Herbert Spencer
  - (C) Best
  - (D) Good Hart
130. A researcher divides his population into certain groups and fixes the size of the sample from each group. It is called
- (A) stratified sample
  - (B) quota sample
  - (C) cluster sample
  - (D) All of the above
131. Generalized conclusion on the basis of a sample is technically known as
- (A) statistical inference or external validity of the research
  - (B) data analysis and interpretation
  - (C) parameter inference
  - (D) All of the above
132. A researcher selects only 10 members as a sample from the total population of 5000 and considers it good because
- (A) he was a good researcher
  - (B) he was guided by his supervisor
  - (C) the population was homogeneous
  - (D) All of the above
133. The final result of a study will be more accurate if the sample drawn is
- (A) taken randomly
  - (B) fixed by quota
  - (C) representative to the population
  - (D) purposive

134. All are example of qualitative variables except
- (A) religion and castes
  - (B) sex
  - (C) observation
  - (D) interest of the subject
135. Formulation of hypothesis may not be necessary in
- (A) survey studies
  - (B) fact finding (historical) studies
  - (C) normative studies
  - (D) experimental studies
136. Logic of induction is very close to
- (A) the logic of sampling
  - (B) the logic of observation
  - (C) the logic of the controlled variable
  - (D) None of the above
137. While writing research report a researcher
- (A) must not use the numerical figures in numbers in the beginning of sentences
  - (B) must arrange it in logical, topical and chronological order
  - (C) must compare his result with those of the other studies
  - (D) All of the above
138. If you are doing experiment on a large group of sample which method of controlling will you adopt?
- (A) Matching
  - (B) Randomization
  - (C) Elimination and matching
  - (D) Elimination
139. A good hypothesis should be
- (A) precise, specific and consistent with most known facts
  - (B) formulated in such a way that it can be tested by the data
  - (C) of limited scope and should not have global significance
  - (D) All of the above

140. All causes non sampling errors except
- (A) faulty tools of measurement
  - (B) inadequate sample
  - (C) non-response
  - (D) defect in data collection
141. The historical research is different from experimental research in the process of
- (A) replication
  - (B) the formulation of hypothesis
  - (C) the hypothesis testing
  - (D) All of the above
142. A research problem is feasible only when
- (A) it is researchable
  - (B) it is new and add something to knowledge
  - (C) it has utility and relevance
  - (D) All of the above
143. Which of the following is not the characteristic of a researcher?
- (A) He is a specialist rather than a generalist
  - (B) He is industrious and persistent on the trail of discovery
  - (C) He is not inspirational to his chosen field but accepts the reality
  - (D) He is not versatile in his interest and even in his native abilities
144. Bibliography given in a research report
- (A) helps those interested in further research and studying the problem from another angle
  - (B) makes the report authentic
  - (C) Both (A) and (B)
  - (D) None of the above
145. Validity of a research can be improved by
- (A) eliminating extraneous factors
  - (B) taking the true representative sample of the population
  - (C) both of the above measures
  - (D) None of the above



146. Attributes of objects, events or things which can be measured are called

- (A) qualitative measure
- (B) data
- (C) variables
- (D) None of the above

147. Which technique is generally followed when the population is finite?

- (A) Area sampling technique
- (B) Purposive sampling technique
- (C) Systematic sampling technique
- (D) None of the above

148. The experimental study is based on the law of

- (A) single variable
- (B) replication
- (C) occupation
- (D) interest of the subject

149. Field study is related to

- (A) real life situations
- (B) experimental situations
- (C) laboratory situations
- (D) None of the above

150. The research antagonistic to ex -post facto research is

- (A) experimental studies
- (B) normative researches
- (C) library researches
- (D) All of the above