

TEST - I : REASONING ABILITY

Directions (1-4) : Study the following information to answer the given questions.

Six people—K, L, M, N, O, P, Q and R are seated in a straight line facing North but not necessarily in the same order.

L sits third from the left end of the line. Only three people sit between L and R.

O sits to the immediate left of Q. Only one person sits between M and Q.

P sits third to the left of N.

L is not an immediate neighbour of K.

- What is the position of Q with respect to P ?
 (a) Second to the left
 (b) Third to the left
 (c) Second to the right
 (d) Third to the right
 (e) Fifth to the left
- Which of the following pairs represents persons seated at the two extreme ends of the line ?
 (a) L, R (b) Q, R
 (c) Q, N (d) O, N
 (e) O, R
- How many persons are seated between M and R ?
 (a) Two (b) Four
 (c) One (d) Three
 (e) More than four
- Who amongst the following sits exactly between L and O ?
 (a) M (b) R
 (c) P (d) N
 (e) Q
- If each of the persons is made to sit in alphabetical order from left to right the positions of how many will remain unchanged as compared to the original seating arrangement ?
 (a) Two (b) Four
 (c) Three (d) One
 (e) None

Directions (8-7) : Read the following information carefully and answer the questions.

R is the father of W and T. R is the son of W. R is the only brother of C. M is the mother of C. M is the daughter-in-law of Z. Z has only one daughter and only one son.

- Which of the following is definitely true based upon the given relationships ?
 (a) None of the given options is definitely true.
 (b) W is the son-in-law of Z.
 (c) M has only one daughter.
 (d) T is the aunt of C.
 (e) T is married to M.
- Which of the following is/are required to establish that C is the daughter of M ?
 (a) No extra information is required as the relation can be established from the given information.
 (b) T is unmarried.
 (c) Z is the mother of T.
 (d) M has only one son.
 (e) R is the grandson of R.

Directions (8-12) : Study the given information and answer the questions.

When a word and number arrangement machine is given an input line of words and numbers, it arranges them following a particular rule. The following is an illustration of input and rearrangement :

(All the numbers are two-digit numbers)

Input : 24 method 87 67 of data 34 collection 45 12 specified now
Step I : 22 method 87 67 of data 34 collection 45 specified now 24
Step II : 34 22 method 87 67 of data collection specified now 24 45
Step III : 67 34 22 method of data collection specified now 24 45 87
Step IV : collection 87 34 22 method of specified now 24 45 87 data
Step V : method collection 67 34 22 of specified 24 45 87 data now
Step VI : of method collection 67 34 22 24 45 87 data now specified
 Step VI is the last step of the above arrangement as the intended arrangement is obtained.

As per the rules followed in the given steps, find out the appropriate steps for the given input.

Input : chemical 88 77 reaction 87 is 21 hard to 22 88 detect

8. In which step are the elements 'A' and 'B' found in the same order ?
 (a) Sixth
 (b) Third
 (c) The given order of elements is not found in any step.
 (d) Seventh
 (e) Fifth

9. What is the position of 'D' from the right end in the last step ?
 (a) Tenth (b) Eighth
 (c) Fifth (d) Fourth
 (e) Sixth

10. Which of the words/phrases below would be at the fifth position from the right end in step V of the input ?
 (a) chemical (b) 21
 (c) 11 (d) 66
 (e) 10

11. Which element is fifth to the left of the element which is ninth from the left-end of the fourth step ?
 (a) 11 (b) 10
 (c) 55 (d) reaction
 (e) chemical

12. Which element is exactly between 'chemical' and '10' in the second step of the given arrangement ?
 (a) 55 (b) 10
 (c) reaction (d) 11
 (e) 66

Directions (13-17) : Study the given information carefully to answer the given questions.

M, N, O, P, Q, R, S and T are sitting around a circular table facing the centre with equal distances between each other (but not necessarily in the same order). Each of them also belongs to a different field of work: Author, Designer, Doctor, Engineer, Journalist, Policeman, Singer and Teacher (but not necessarily in the same order).

Q sits second to the left of the Singer. Only two people sit between S and the Singer. Only one person sits between Q and the Designer. N sits second to the left of the Designer. P is neither an immediate neighbour of N nor Q. P is not a singer. T is an immediate neighbour of P. The Doctor sits second to the right of

T. Only three people sit between the Doctor and the Engineer. R sits second to the left of the Engineer. T is not a Journalist. The Journalist is neither an immediate neighbour of S nor T. O sits to the immediate left of the Journalist. The Teacher sits to the immediate right of the Author.

13. Who sits exactly between N and the one sitting to the immediate right of M, when counted from the right of M ?
 (a) S
 (b) T
 (c) O
 (d) Other than those given as options
 (e) R

14. Which of the following statements is TRUE as per the given arrangement ?
 (a) Only one person sits between S and O.
 (b) The Engineer sits second to the left of O.
 (c) S is a Teacher.
 (d) All the given options are true.
 (e) The Author sits to the immediate left of Q.

15. Who amongst the following is a designer ?
 (a) M (b) R
 (c) S (d) T
 (e) P

16. Four of the following five are alike in a certain way, and so form a group. Which one of the following does not belong to that group ?
 (a) N, Teacher (b) T, Engineer
 (c) P, Policeman (d) S, Journalist
 (e) M, Author

17. What does R work as ?
 (a) Doctor (b) Engineer
 (c) Singer (d) Journalist
 (e) Designer

18. Four of the following five are alike in a certain way, and so form a group. Which one of the following does not belong to that group ?
 (a) N, Teacher (b) T, Engineer
 (c) P, Policeman (d) S, Journalist
 (e) M, Author

19. What does R work as ?
 (a) Doctor (b) Engineer
 (c) Singer (d) Journalist
 (e) Designer

20. This question consists of an information, and two statements numbered I and II given below it. You have to decide which of the given statements weakens or strengthens the information and decide the appropriate answer.

Information : According to a report naval ship 'AgadEmp' met with the fatal accident owing to the fact that it was ageing and nearly two decades old.

- Statements :**
 I. The accident took place when the captain of the artillery section accidentally misfired the missile hitting certain crucial engine machinery.
 II. Average age of all ships, both ships or cargo ships, is 20-25 years, before which these can be operated safely.

- (a) Both Statement I and Statement II are correct statements.
 (b) Both Statement I and Statement II strengthen the information.
 (c) Both Statement I and Statement II weaken the information.
 (d) Statement I strengthens the information while Statement II weakens the information.
 (e) Statement I weakens the information while Statement II strengthens the information.

- (a) Both Statement I and Statement II are correct statements.
 (b) Both Statement I and Statement II strengthen the information.
 (c) Both Statement I and Statement II weaken the information.
 (d) Statement I strengthens the information while Statement II weakens the information.
 (e) Statement I weakens the information while Statement II strengthens the information.

- (a) Both Statement I and Statement II are correct statements.
 (b) Both Statement I and Statement II strengthen the information.
 (c) Both Statement I and Statement II weaken the information.
 (d) Statement I strengthens the information while Statement II weakens the information.
 (e) Statement I weakens the information while Statement II strengthens the information.

Directions (19-23) : In these questions, two/three statements followed by two conclusions numbered I and II 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 :**
 (a) If neither conclusion I nor II is true.
 (b) If either conclusion I or II is true.
 (c) If only conclusion II is true.
 (d) If both conclusion I and II are true.
 (e) If only conclusion I is true.

21. **Statements :** Some rooms are stores. All stores are godowns. All godowns are warehouses.

Conclusions :
 I. All rooms are godowns.
 II. All stores are warehouses.

22. **Statements :** Some rooms are stores. All stores are godowns. All godowns are warehouses.

Conclusions :
 I. All warehouses being rooms is a possibility.
 II. Atleast some godowns are rooms.

21. Statements : All kittens are cats.
No kitten is a puppy.

Conclusions :

I. All puppies being cats is a possibility.

II. All cats are kittens.

22. Statements : No sea is a lake.
Some lakes are rivers. All rivers are oceans.

Conclusions :

I. No sea is a river.

II. All oceans are lakes.

23. Statements : No sea is a lake.
Some lakes are rivers. All rivers are oceans.

Conclusions :

I. Almost some oceans are lakes.

II. All rivers are lakes.

Directions (24-26) : In these questions, relationship between different elements is shown in the statements. The statements are followed by conclusions. Study the conclusions based on the given statements and give answer :

Give answer :

(a) If neither conclusion I nor II is true.

(b) If either conclusion I or II is true.

(c) If only conclusion II is true.

(d) If both conclusions I and II are true.

(e) If only conclusion I is true.

24. Statements : $H > K > A < L$;

$$T > A > S$$

Conclusions : I. $T > H$

$$H < L < T$$

25. Statements : $L = E; N = E; N > S$

Conclusions : I. $S < E$

$$H > L$$

26. Statements : $V < E > B = H < N$;

$$B = T$$

Conclusions : I. $T > V$

$$H < N < T$$

27. Statements : $L = I < N < E; N > S$

Conclusions : I. $S = L$

$$H < L < S$$

28. Statements : $B > K > A < L$;

$$T > A = S$$

Conclusions : I. $B = S$

$$H < L > S$$

29. This question consists of a statement and two assumptions numbered I and II given below it. An assumption is something which is not directly given but can be assumed from the given information. You have to find out which of the given assumptions, numbered I and II are implicit in the given statement.

Statement : Enriching does not necessarily mean gymnasiums with high technology machines. After all people living in villages are well maintained and are hardly overweight.

I. Gymnasiums are not very readily available as used in villages.

II. People living in villages do not believe in the use of high technology gymnasiums.

(a) Both I and II can be assumed from the given information.

(b) Either I or II can be assumed from the given information.

(c) Only I can be assumed from the given information.

(d) Neither I nor II can be assumed from the given information.

(e) Only II can be assumed from the given information.

30. Read the given information and answer the question.

"Although the State government has been handling College XYZ for the past 18 years, it has decided not to do so this year." -Local news report.

Which of the following may NOT be a reason for the decision of the government to discontinue the funding of the said college this year?

(a) College XYZ has doubled the fees charged from students this year as a result of which it has made three times profit as compared to other State run colleges.

(b) College has received the permission this year to land its campus for marriage and other social events and this would be an additional source of income for the college.

(c) It was recently found out that most of the bills submitted about the usage of the money received by the college as government funds are fabricated and show much lesser amount than the actual expenditures.

(d) Despite repeated warning from the authorities since past two years, the college has continued to reserve some seats for students who are willing to pay huge donation in addition to fees.

(e) Although the performance of students of XYZ has improved a little in academics this year, it has deteriorated drastically in sports and other extra-curricular activities.

TEST - II : QUANTITATIVE APTITUDE

31. In a 120 litre of mixture of milk and water, water is only 15%. The milkmen sold 20 litre of this mixture and then he added 15.2 litre of pure milk and 4.8 litre of pure water in the remaining mixture. What is the percentage of water in the final mixture?

(a) 23%

(b) 22%

(c) 24%

(d) 25%

(e) 20%

Directions (32-36) : These questions consist of a question and two statements I and II given below it. You have to decide whether the data provided in the statements are sufficient to

answer the question. Read both the statements and

Give answer :

(a) The data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

(b) The data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question.

(c) The data either in statement I alone or in statement II alone are sufficient to answer the question.

(d) The data in both statements I and II together are not sufficient to answer the question.

(e) The data in both the statements I and II together are necessary to answer the question.

32. What is the salary of C, in a group of A, B, C, D and E whose average salary is ₹ 48,200?

I. C's salary is 1.5 times B's salary.

II. Average salary of A and E is ₹ 22,000.

33. What is the volume of the cylinder (in m^3)?

I. The sum of height and radius of the cylinder is 24m. The surface area of the cylinder is 2112 m^2 .

II. LCM and HCF of the numerical values of the radius and height of the cylinder are 70 and 2 respectively. The square of numerical value of the radius of the cylinder is 90 more than the square of the numerical value of the height of the cylinder.

34. What is the two digit number?

I. The difference between the two digits of the number is 8.

II. The product of the two digits of the number is 0.

35. What is the total number of girls in the classroom?

I. The respective ratio of number of boys and number of girls in the classroom is 9 : 7.

II. The average weight of girls in the classroom is 4 kg less than the average weight of boys in the classroom. The average weight of all the students (both boys and girls) in the classroom is 44.25 kg.

36. What is the marked price of the table which was sold at a discounted price?

I. The marked price of the table is 40% above the cost price of the table. Two consecutive discounts were given while selling the table.

II. The table was sold for ₹ 232,000. The percentage of discount given for second time while selling the table is double the percentage of discount given for the first time while selling the table.

37. The speed of boat A is 2 km/h less than the speed of the boat B. The time taken by boat A to travel a distance of 20 km downstream is 20 min more than time taken by B to travel the same distance downstream. If the speed of the current is $\frac{1}{3}$ rd of the speed of the boat A, what is the speed of boat B?

(in km/h)

- (a) 4
(b) 8
(c) 12
(d) 16
(e) 20

38. A and B started a business by investing ₹ 10,000/- and ₹ 24,000/- respectively. At the end of 4th month from the start of the business, C joins with ₹ 10,000/-. At the end of 6th month B quits at which time C invests ₹ 1800/- more. At the end of 10th month B rejoins with the same investment. If profit at the end of the year is ₹ 12,000/-, what is B's share of profit?

- (a) ₹ 4,000/-
(b) ₹ 4,140/-
(c) ₹ 4,280/-
(d) ₹ 4,900/-
(e) ₹ 5,520/-

Directions (39-42) : Study the following table carefully and answer the questions.

Course	Total number of students who have enrolled for the course	Percentage of students who have enrolled for the given courses from different colleges			
		P	Q	R	S
C++	1800	28	20	19	33
Java	2400	27	30	25	18
Linux	1500	32	28	29	23
SQL	1600	14	32	28	16
Core SD	2000	21	26	21	24

39. What is the difference between the total number of students who have enrolled for course on C++ and SQL together from college S and the total number of students who have enrolled for the same courses together from college R?

- (a) 134
(b) 130
(c) 129
(d) 144
(e) 98

40. The total number of students who have enrolled for the course on Core SD from colleges P and R together is what percent more than the total number of students who have enrolled for the same course from college S?

- (a) $17\frac{13}{17}\%$
(b) $11\frac{4}{17}\%$
(c) $12\frac{9}{11}\%$
(d) $16\frac{33}{19}\%$
(e) $8\frac{10}{19}\%$

- Directions (35-50) :** Read each case in place of question mark (?) in the given number scales ?
55. 3 2 13 48 241 ?
 (a) 1210 (b) 1451
 (c) 1251 (d) 1441
 (e) 1200
56. 7 13 31 85 247 ?
 (a) 408 (b) 277
 (c) 733 (d) 649
 (e) 441

57. 5 7 17 47 115 ?
 (a) 205 (b) 245
 (c) 215 (d) 235
 (e) 275
58. 500 250 130 67 35.5 ?
 (a) 18.25 (b) 30.75
 (c) 17.25 (d) 35.75
 (e) 47.75
59. 27 8 18 40 145.5 ?
 (a) 505.75 (b) 678.5
 (c) 850.25 (d) 908
 (e) 678.5

60. 20 men can complete a piece of work in 15 days. After 5 days from the start of the work, some men left. If the remaining work was completed by the remaining men in $18\frac{2}{3}$ days, how many men left after 5 days from the start of the work ?
 (a) 4 (b) 10
 (c) 8 (d) 5
 (e) 6

TEST - III : GENERAL AWARENESS AND CURRENT AFFAIRS

61. The United Nations University established in 1975 in the academic and research arm of the United Nations. It is headquartered in
 (a) New York, USA
 (b) Washington DC, USA
 (c) Tokyo, Japan
 (d) Geneva, Switzerland
 (e) Manila, Philippines
62. Shri Narendra Singh Tomar, the Union Minister for Mines and Steel is a Member of Parliament from the Indian State of
 (a) Bihar
 (b) Maharashtra
 (c) Rajasthan
 (d) Madhya Pradesh
 (e) Chhattisgarh
63. PM Shri Narendra Modi has recently dedicated to the nation two units, each of 600 MW of the Shree Shakti Thermal Power Plant in
 (a) Ujjain District
 (b) Khambha District
 (c) Kadiam District
 (d) Bhupal District
 (e) Indore District
64. The committee recently set up by the Central Government to interact with industry on tax laws to give recommendations to CBIC and CBEI for issuance of clarifications when necessary, is headed by
 (a) Arvind Goenka
 (b) Arvind Sahasrabudhe
 (c) Arvind Sarayam
 (d) Vijay Kelkar
 (e) Ashok Lahiri

65. According to the Public Enterprises Survey recently tabled in Parliament, the most profitable Public Sector Enterprise during 2013-2014 was :
 (a) BSNL (b) ONGC
 (c) NTPC (d) NMDC
 (e) NPL
66. In terms of the Motor Vehicle Agreement signed between the two countries during the recent 18th SAARC Summit at Nepal, a direct bus service has recently been launched in March 2015 between Varanasi and
 (a) Lahore, Pakistan
 (b) Kathmandu, Nepal
 (c) Thimphu, Bhutan
 (d) Kabul, Afghanistan
 (e) Dhaka, Bangladesh
67. The 'Armed Forces Flag Day' is observed every year on the :
 (a) 26th October
 (b) 21st November
 (c) 18th December
 (d) 7th December
 (e) 21st September
68. 'Vishu' is the New Year day and a Hindu festival celebrated in the Indian State of
 (a) Karnataka (b) Goa
 (c) Telangana (d) Odisha
 (e) Kerala
69. Sushil Kumar is associated with the sports of
 (a) Tennis (b) Basketball
 (c) Football (d) Wrestling
 (e) Golf
70. The 'Shreevatsa Pagoda' also known as 'Great Dagon Pagoda' and the 'Golden Pagoda' is situated in
 (a) Mumbai, India
 (b) Tokyo, Japan
 (c) Yangon, Myanmar
 (d) Kyoto, Japan
 (e) Thimphu, Bhutan

71. The capital of the Myanmar is -
 (a) Thimphu (b) Petroiya
 (c) Langkai (d) Nogyidhar
 (e) Panaha
72. The World's largest and tallest Indian National flag was recently unfurled in
 (a) Portblair (b) Gurgaon
 (c) Kavarati (d) Chandigarh
 (e) Pondicherry
73. As per 2011 census, the total number of children in the age-group 0-6 years was
 (a) 185.8 million
 (b) 198.8 million
 (c) 221.8 million
 (d) 189.8 million
 (e) 154.8 million
74. G. Karthikeyan, who recently passed away at Bangalore was the speaker of the Legislative Assembly of
 (a) Karnataka (b) Kerala
 (c) Telangana (d) Tamil Nadu
 (e) Andhra Pradesh
75. In the budget for 2015-2016, the Finance Minister Shri Arun Jaitley has proposed to set up a centre for film production, animation and gaming in the State of
 (a) Haryana
 (b) Meghalaya
 (c) Andhra Pradesh
 (d) Jammu & Kashmir
 (e) Arunachal Pradesh

76. The film 'Ida' named as the 'Best Foreign Language Film' at the 87th Academy Awards 2015 is -
 (a) a Polish drama film
 (b) a French family drama film
 (c) an American comedy film
 (d) a Russian short story film
 (e) a British documentary film
77. Sun Pharmaceutical Industries, India's largest drug maker, has recently announced that it would acquire the opiate business of British drug maker Glaxo Smith Kline(GSK) in
 (a) Europe (b) USA
 (c) New Zealand (d) Asia
 (e) Australia
78. The first woman to be appointed as a Director on the board of Reliance Industries, the nation's largest private sector company is :-
 (a) Tina Anil Ambani
 (b) Meera Sanyal
 (c) Nita Mukesh Ambani
 (d) Usha Thorat
 (e) Kishorben Ambani
79. The Lok Sabha recently passed the Insurance Law (Amendment) Bill, 2015, that proposes to raise the foreign investment cap in the insurance sector from 26 percent to
 (a) 68 percent (b) 63 percent
 (c) 65 percent (d) 65 percent
 (e) 49 percent
80. Who amongst the following has recently been elected as the new President of BCCI ?
 (a) N. Srinivasan
 (b) Ravi Shastri
 (c) Sanjay Patel
 (d) Jagmohan Dastgir
 (e) Anang Desai
81. 800 MW Kaiga Atomic Power Plant is situated near the river Kali in the Indian State of
 (a) Tamil Nadu
 (b) Kerala
 (c) Andhra Pradesh
 (d) Karnataka
 (e) Maharashtra
82. The currency of the Republic of South Africa is
 (a) Rand (b) Rial
 (c) Ruble (d) Riyal
 (e) Rial
83. 'Fugdi' is a traditional folk dance popular in the Indian State of :
 (a) Goa (b) Bihar
 (c) Odisha (d) Chhattisgarh
 (e) Gujarat
84. The ISRO is the national space agency of
 (a) Soviet Union
 (b) Republic of Singapore
 (c) Russian Federation
 (d) People's Republic of China
 (e) United States of America
85. In the recent Union Budget 2015, the Union Minister of Finance has proposed to support the 'Paramparagat Krishi Vikas Yojana' which aims to boost :
 (a) Floriculture Production
 (b) Drip Irrigation
 (c) Watershed Development
 (d) Minor Irrigation
 (e) Organic Farming
86. The RBI has recently allowed Indians to carry high value denomination notes while travelling to Nepal and Bhutan within a limit of
 (a) ₹ 20,000/- (b) ₹ 30,000/-
 (c) ₹ 25,000/- (d) ₹ 25,000/-
 (e) ₹ 40,000/-
87. Reliance Infrastructure with its wholly-owned subsidiary Reliance Defence Systems Private Ltd, has recently announced the acquisition of Pipavav Defence Company Limited based in
 (a) Tamil Nadu (b) Maharashtra
 (c) Goa (d) Kerala
 (e) Gujarat
88. The abbreviation CSR stands for :
 (a) Collective Social Responsibility
 (b) Collective Shared Responsibility
 (c) Corporate Social Responsibility
 (d) Corporate Shared Responsibility
 (e) Commercial Shared Responsibility
89. For highlighting women's safety, the National Institute of gender justice has recently honored film actress
 (a) Rani Mukherji
 (b) Vidya Balan
 (c) Jaya Bachchan
 (d) Priyanka Chopra
 (e) Huma Malini
90. The global meet on countering Violent Extremism was recently held in
 (a) London, UK
 (b) New York, USA
 (c) Washington, USA
 (d) Ottawa, Canada
 (e) Paris, France

TEST - IV : COMPUTER KNOWLEDGE

91. What does the acronym PDF stand for ?
 (a) Portable Documenting Format
 (b) Portable Documentation File
 (c) Portable Documentation Format
 (d) Portable Document Format
 (e) Portable Document File
92. LAN is chip technology stands for -
 (a) Large-Scale Integration
 (b) Low-Scale Internet
 (c) Local-Scale Integration
 (d) Large-Scale Internet
 (e) Low-Scale Integration
93. Which of the following best describes a network in which a company's data and applications are stored at offsite data centers that are accessed over the Internet ?
 (a) Extranet
 (b) Intranet
 (c) Virtual Private Network
 (d) Cloud Computing
 (e) Local Area Network
94. Which of the following is not a binary number ?
 (a) 139 (b) 1001
 (c) 100100 (d) 223
 (e) 12100
95. Micro-Processor speed is measured in
 (a) megabytes (b) bytes
 (c) kilobytes (d) gigabytes
 (e) gigabits

98. is a computer hardware component that connects a computer to computer network.
- (a) Networking Internet Connection
(b) Network Industrial Computer
(c) Network Integration Card
(d) Network Internal card
(e) Network Interface Card
99. A hard disk drive consists of several fixed rotating disks called
- (a) platters (b) RAMs
(c) cylinders (d) plotters
(e) monitors
100. Which of the following is the correct order of the four major functions of a computer?
- (a) Process, Storage, Input, Output
(b) Input, Process, Output, Storage
(c) Process, Output, Input, Storage
(d) Storage, Output, Process, Input
(e) Input, Output, Process, Storage
101. What does the acronym PROM stand for?
- (a) Programmable Read-Only Memory
(b) Programmable Read-Only Memory
(c) Programmable Read-Once Memory
(d) Program Read-Only Memory
(e) Programmed Read-Only Memory
102. Which of the following is an electronic or paper tag used to track computer activity?
- (a) Monitor (b) Trace route
(c) Cookie (d) Audit trail
(e) Writing
103. The largest unit of storage is
- (a) Byte (b) Terabyte
(c) Megabyte (d) Kilobyte
(e) Gigabyte
104. Which of the following devices sends and receives data over telephone lines to and from computers?
- (a) Modem (b) Expansion slot
(c) Printer (d) Speaker
(e) Sound Card
105. How many bytes are there in a terabyte?
- (a) 100 (b) 1 billion
(c) 1 trillion (d) 1 million
(e) 1 quadrillion
106. Which is a pointing device?
- (a) Joystick (b) Monitor
(c) Scanner (d) Plotter
(e) Printer
107. Checking whether a program functions correctly, and then correcting errors, is known as
- (a) decoding
(b) error-proofing a program
(c) debugging
(d) de-verring
(e) default error-checking
108. This system conversion called involves running the old and new systems simultaneously before converting completely to the new system.
- (a) pilot conversion
(b) convergent conversion
(c) phased conversion
(d) direct conversion
(e) parallel conversion
109. Programs such as Mozilla Firefox that serve as navigable windows into web are called
- (a) Internet (b) Networks
(c) Web browser (d) URL
(e) Hypertext
110. Which of the following protects the system from hackers?
- (a) Screen (b) Scanner
(c) Firewall (d) Backup
(e) Hub
111. What is Linux?
- (a) Input Device
(b) Operating System
(c) Processor
(d) Storage Device
(e) Output Device
112. The call reference for range H20 to H30 in MS Excel will be
- (a) H20 + H30 (b) H20:H30
(c) H20:H30 (d) H20 - H30
(e) H20:H35
113. The digital telecom transmission term ISDN is an abbreviation for:
- (a) International Services Digital Network
(b) Integrated Standard Digital Networks
(c) Internet Services Data Network
(d) Internet of Standard Dynamic Networks
(e) Integrated Services Digital Network
114. Verification of login name and password is known as
- (a) Logging in
(b) Authentication
(c) Card location
(d) Authentication
(e) Configuration
115. If you change Windows 98 operating system to Windows XP, you are performing a(n)
- (a) Patch up (b) Patch
(c) Upgrade (d) Update
(e) Roll down
116. While using MS Word, which key deletes text before, or to the left of the insertion point?
- (a) Escape (b) Delete
(c) Backspace (d) Page down
(e) Page up
117. The minimum number of rows and columns in MS Word document is
- (a) 1 and 1 (b) 1 and 2
(c) 2 and 2 (d) 2 and 1
(e) 3 and 1
118. VML stands for
- (a) Visual Open Internet Protocol
(b) Visual Object Integration Protocol
(c) Visual Object Integration Program
(d) Visual Object Integration Protocol
(e) Visual Object Integration Program
119. Which of the following place the common data elements in order from smallest to largest?
- (a) Character, record, field, database, file
(b) Character, file, record, field, database
(c) Character, record, field, file, database
(d) Character, field, record, file, database
(e) Database, file, record, field, character
120. Which of the following is not an output device in computer organization?
- (a) Plotter (b) Speaker
(c) Scanner (d) Monitor
(e) Printer
121. The process of writing computer instructions in a programming language is known as
- (a) Algorithming
(b) Processing
(c) File
(d) Instructioning
(e) Coding
122. Which language is directly understood by the computer without translation program?
- (a) High level language
(b) Low level language
(c) Middle level language
(d) Assembly language
(e) Machine language

Directions (120-125) : Arrange the given six sentences (A), (B), (C), (D), (E) and (F) in a proper sequence so as to form a meaningful paragraph and then answer the given questions.

(A) The study also shows that firms also contribute a significant amount to property taxes, sales taxes, environmental taxes and so on.

(B) In fact, a study by PWC, an accounting firm, shows that on average companies pay more tax on labour such as employer's social security contributions, than on profits.

(C) This widely held belief is wrong.

(D) The only tax paid by businesses is the one levied on their profits.

(E) According to their analysis of data shows that the average global company pays some 43.1 percent of its commercial profits in tax, of which 14.2 percentage points is labour related, 28.1 profit related and 16.7 other.

(F) Not with the challenging face of business, this traditional distribution of taxation needs a second look.

120. Which of the following should be the **THIRD** sentence after the rearrangement ?

- (a) A (b) D
(c) D (d) E
(e) F

121. Which of the following should be the **SIXTH** sentence after the rearrangement ?

- (a) A (b) E
(c) C (d) D
(e) E

122. Which of the following should be the **FIFTH** sentence after the rearrangement ?

- (a) A (b) C
(c) D (d) E
(e) F

124. Which of the following should be the **FIRST** sentence after the rearrangement ?

- (a) A (b) E
(c) C (d) D
(e) E

123. Which of the following should be the **SIXTH (LAST)** sentence after the rearrangement ?

- (a) A (b) D
(c) C (d) D
(e) F

Directions (126-131) : Read the following passage carefully and answer the questions given below. Certain words/phrases have been given in bold to help you focus than while answering some of the questions.

Inland waterways, as quiet as a mouse, keep the nation's economy flowing as they transport \$100 billion of coal, steel, chemicals and other goods each year across 30 states. Yet, an antiquated system of locks and dams threatens the timely delivery of these goods daily.

Locks and dams raise or lower ships from one water level to the next, but breakdown of these carriers are frequent. The outage, which began last July, and is expected to end this August, will cost the power generation company and its customers \$0.5 million in the utility ferries coal and other supplies along the river for itself and other businesses.

As the economy picks up, the nation's cranking infrastructure will increasingly struggle to handle the load. That will make products more expensive as businesses pay more for shipping or maneuver around roadblocks and it will cause the nation to lose exports to other countries, both of which are expected to hamper the recovery.

"The good news is, that the economy is rising," says Don Murray, Vice President of the Transportation Research Institute. "The bad news is we expect congestion to skyrocket," he added.

The ancient lock-and-dam system is perhaps the most egregious example of aging or neglected transportation systems that are being outstripped by demand. Fourteen locks, out of the total twenty-eight are expected to fail by 2020, costing the economy billions of dollars. Meanwhile, exports cannot accommodate larger container ships, shipping exports and imports highways are too narrow. Bridges are overloaded.

The shortcomings were partly masked during the recession as fewer people worked and less freight was shipped, easing traffic on transportation corridors. But interviews with shippers and logistics companies showed that delays started lengthening along with the moderately growing economy.

Yet there is little prospect for more infrastructure investment as a divided Government battles about how to cut the \$0.3 trillion deficit and State and Local Governments face their own budget shortfalls. Government investment in highways, bridges, water systems, schools and other projects has fallen each year since 2008. IHS Global Insight expects such outlays to drop by 4.4% this year and 3% in the next year. According to experts, the country is spending about half of the \$0.2 trillion that it should over a five-year period to repair and expand overburdened infrastructure.

125. Which of the following is TRUE in the context of the passage and according to the author ?

- (a) Despite being in a poor state, cruise ships rarely break down.
(b) Half the number of locks in the author's country is expected to fail in five years.
(c) Despite adequate investments in infrastructure by Government, the economy has failed to improve.

- (d) There have always been frequent power failures in the author's country.
- (e) None of the given statements is true.
127. As mentioned in the passage, when the economic condition of the author's country begins to improve
- (a) as a usual trend in personal savings will be observed.
- (b) products will become cheaper.
- (c) imports and exports will witness a setback.
- (d) everybody will be employed.
- (e) start-up businesses will perish due to already established ones.
128. The author in the passage can be seen as being
- (a) Optimistic (b) Eclectic
- (c) Stressed (d) Wounded
- (e) Believed
129. Which of the following is most nearly the opposite in meaning to the word 'KYROCKET' as used in the passage ?
- (a) Reduce (b) Support
- (c) Wane (d) Fail
- (e) Slow
130. Which of the following correctly explains the meaning of the phrase, 'as quiet as a mouse' as used in the passage for the inland waterways ?
- (a) Destroy quickly
- (b) Contribute silently
- (c) Blossom rapidly
- (d) Change swiftly
- (e) Staying inactive
131. Which of the following is the central theme of the passage with respect to the author's country ?
- (a) Recession and its effects on economy of a country.
- (b) Why promoting trading through waterways is important.
- (c) The need to provide antiquated locks and dams.
- (d) Deteriorating condition of waterways.
- (e) Factors contributing to recession.
132. According to the passage, the possible unexpected benefit(s) of recession is

- (A) lowered expectation of traders.
- (B) people can take more credit.
- (C) easing traffic congestion.
- (a) Only A
- (b) Only B
- (c) Only C
- (d) Both A and B
- (e) Both B and C
133. Which of the following is most nearly the same in meaning to the word 'HAMPER' as used in the passage ?
- (a) confine (b) chide
- (c) depart (d) shorten
- (e) disturb
134. Which of the following is most nearly the same in meaning to the word 'PERKED' as used in the passage ?
- (a) carries (b) launches
- (c) hurls (d) travels
- (e) communicates
135. Which of the following is most nearly the opposite in meaning to the word 'ANTECIATED' as used in the passage ?
- (a) temporary
- (b) authentic
- (c) legal
- (d) contemporary
- (e) brief
- Directions (136-140) :** The sentence has two blanks. Each blank indicates that something has been omitted. Choose the words that best fit the meaning of the sentence as a whole.
136. too much planning can hamper development we do need to plan our cities balancing environmental costs and public demand.
- (a) Since, much
- (b) Knowing, haphazardly
- (c) Whereas, systematic
- (d) Perhaps, organic
- (e) While, intelligently
137. Owing to the slowdown in growth, coal and oil developers have different strategies from cutting their fields and seeping banks to new projects.
- (a) merged, introduce
- (b) realized, admit
- (c) adopted, launching
- (d) implemented, founded
- (e) actively, create

138. Though women currently for 11 percent of mid to senior level management in Japan, they comprise only 1 percent of executive committee members, but these figures are gradually
- (a) tally, perfect
- (b) explain, expand
- (c) describe, strong
- (d) account, improving
- (e) acknowledge, decline
139. As present credit funds provide information to customers but if more data is provided customers will perhaps be able to make decisions.
- (a) limited, better
- (b) need, any
- (c) primary, completely
- (d) inadequate, perfectly
- (e) partial, worthwhile
140. The working group that the priority action lending target for all banks foreign banks should be 40 percent of Adjusted Net Bank Credit.
- (a) reasons, not
- (b) suggests, including
- (c) proposes, other
- (d) recommends, than
- (e) indicates, over
- Directions (141-145) :** In these questions, read the sentence in full and see if there is any grammatical error/imbalance in it. The error, if any, will be in one part of the sentence. Mark the part with the error on your answer. If there is no error, mark 'No error' on your answer. Ignore the error of punctuation, if any.
141. As part of its efforts to strengthening its balance sheet, the banks plans to raise over \$ 15,000 million through a share sale.
- (a) As part of its efforts
- (b) to strengthening its balance sheet.
- (c) the banks plans to raise
- (d) over \$ 15,000 million through a share sale.
- (e) No error
142. The company will delay announcing its fourth quarter results in order to fine tune its strategy to revise itself fortunes.

- (a) The company will delay
 (b) announcing its fourth quarter results
 (c) in order to fine tune a strategy
 (d) to revive itself fortunes.
 (e) No error

143. Some experts have been suggested that re-landscaping farms and reforming/ land leasing are the steps which have/ to be taken to increase agricultural productivity.

- (a) Some experts have been suggested that
 (b) re-landscaping farms and reforming
 (c) land leasing are the steps which have
 (d) to be taken to increase agricultural productivity.
 (e) No error.

144. It is usually during significant events/ such as the collapse of a country's currency/ or the sudden hike in inflation/ that the central bank will reduce policy rates.

- (a) It is usually during significant events
 (b) such as the collapse of a country's currency
 (c) or the sudden hike in inflation that
 (d) the central bank will reduce policy rates.
 (e) No error

145. It is estimated that the government requires two billion rupees over the next few year/ to fund the construction of 20,000 kilometres of road/ under the national highways development project.

- (a) It is estimated that the government requires
 (b) two billion rupees over the next few year
 (c) to fund the construction of 20,000 kilometres of road
 (d) under the national highways development project.
 (e) No error

Directions (146-154) : Which of the phrases given against the sentence should replace the underlines given in bold in the sentence to make it grammatically correct? If the sentence is correct as it is given and no correction is required, enter 'No correction required' as the answer.

146. In a breakthrough in post-harvest preservation, researchers have developed an emulsion that provides an eco-friendly shield to perishable fruits and vegetables.

- (a) Breaking through
 (b) In breaking through
 (c) All break through
 (d) A through break
 (e) No correction required

147. Strength of the upper middle and lower back is integral to one's health.

- (a) is integration of
 (b) is integral towards
 (c) is an integration as
 (d) integral of
 (e) No correction required

148. Karnataka is hosting its students from various countries, but in the absence of a uniform admission process, these students find it tough to switch courses or shift colleges.

- (a) is home for (b) is home to
 (c) the home on (d) the home of
 (e) No correction required

149. The eco-friendly packaging not increased shelf life of products by delaying the aging process, but also increases nutrition.

- (a) not only increases
 (b) only not increasing
 (c) only increases
 (d) also increasing
 (e) No correction required

150. While early mornings and late evenings are still a little chilly, it is quite warm throughout all day.

- (a) through the days
 (b) day through
 (c) days through
 (d) throughout the day
 (e) No correction required

Directions (151-160) : In the following passage there are blanks, each of which has been numbered. Against each, five words are suggested, one of which fits the blank appropriately. Find out the appropriate word in each case.

No one wants to admit that they could die prematurely. But the last thing you want is not to have the proper life insurance policy in place should disaster ... (151) ...

While life insurance agents aim to guide you towards whole life insurance ... (152) ... term life insurance (which costs more commission for them), term makes more ... (153) ... for most people. Term coverage is the appropriate coverage for most individuals, as their ... (154) ... are for a certain term of years while their assets accumulate, such as retirement ... (155) ...

People ... (156) ... with their finances in today's dovarecession economy may think they can ... (157) ... money by skipping on life insurance. But for parents who still have children living at home, not having a life insurance policy could put their kids at ... (158) ... if something were to happen to them. In the event of the parent dying, a life insurance policy can provide a safety ... (159) ... for the children to live ... (160) ...

151. (a) become (b) come
 (c) strike (d) happen
 (e) fall

152. (a) besides (b) except
 (c) but (d) over
 (e) again

153. (a) value (b) ideas
 (c) sense (d) reason
 (e) truth

154. (a) showers (b) cash
 (c) lines (d) visitors
 (e) needs

155. (a) years (b) loans
 (c) basic (d) savings
 (e) taxes

156. (a) struggling (b) flush
 (c) ignorant (d) leaving
 (e) accumulating

157. (a) buy (b) cure
 (c) collect (d) release
 (e) send

158. (a) risk (b) outside
 (c) fear (d) mercy
 (e) distance

159. (a) chance (b) net
 (c) harness (d) home
 (e) creation

160. (a) across (b) forward
 (c) by (d) comfortably
 (e) to