

REASONING

Directions (1-4) : Study the following information carefully and answer the questions given below :

Eight persons — B, C, D, E, F, G, H and I — live on eight different floors of a building but not necessarily in the same order. The lower-most floor of the building is numbered one, the floor above that is numbered two and so on till the topmost floor is numbered eight.

D lives on the floor numbered 5. Only two persons live between D and I. B lives immediately below I. Only four persons live between B and C. H lives immediately above G but not on the topmost floor. F lives on an odd numbered floor. More than two persons live between F and E.

1. Four of the following five are alike in a certain way based on the above arrangement and hence form a group. Which one of them does not belong to the group ?

- (1) GF (2) EC
(3) ID (4) BC
(5) HF

2. How many persons live between I and C ?

- (1) One (2) Three
(3) More than three
(4) Two (5) None

3. If all the persons are made to live in alphabetical order from bottom to top, the positions of how many persons will remain unchanged ?

- (1) More than three
(2) None (3) One
(4) Two (5) Three

4. Who amongst the following lives immediately below E ?

- (1) D (2) C
(3) G (4) I
(5) H

Directions (5-6) : Study the following information carefully and answer the questions given below :

A is the mother of both U and T. T is the sister of J. J is the son of M. P is married to U. U is the daughter-in-law of K.

5. How is P related to M ?

- (1) Son-in-law (2) Nephew
(3) Son
(4) Cannot be determined
(5) Cousin

6. If R is the husband of K, then how is K related to P ?

- (1) Cannot be determined
(2) Mother-in-law
(3) Grandmother
(4) Sister-in-law
(5) Mother

Directions (7-8) : Study the following information carefully and answer the questions given below :

Mehal starts from Point A, walks 15m to the east and reaches Point B. She then takes a left turn and walks 4m to reach Point C. She finally takes a right turn and walks 5m and stops at Point D.

Reema who is standing at Point X which is 7m to the south of Point B walks 5m towards west takes right turn and walks for 11m and stops at point Y.

7. How far and in which direction is Point Y with respect to Point D ?

- (1) 14m towards west
(2) 9m towards east
(3) 13m towards east
(4) 8m towards west
(5) 14m towards east

8. If Mehal walks 11m towards south from Point D, in which direction will she have to walk in order to reach Point X ?

- (1) North (2) South-east
(3) West (4) North-west
(5) East

Directions (9-10) : Study the following information carefully and answer the questions given below :

Five persons namely, A, B, C, D and E buy different number of cookies. C buys more cookies than both B and E. D buys more cookies than B but less than A and E. A does not buy the maximum number of cookies. E does not buy the third highest number of cookies. The one who buys the maximum number of cookies buys 20 cookies.

9. Who amongst the following buys the second lowest number of cookies ?

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

10. If the difference between the cookies bought by C and A is 8, then which of the following may possibly represent the number of cookies bought by E ?

- (1) 12 (2) 8
(3) 15 (4) 5
(5) 10

Directions (11-15) : Study the following information carefully and answer the questions given below :

Seven persons, namely, A, B, C, D, E, F and G like seven different colours namely, Blue, Green, Orange, Pink, Silver, Red and Yellow, but not necessarily in the same order. They will also attend a wedding, not necessarily in the same order, from Monday to Sunday (of the same week.)

E will attend a wedding on Wednesday. Only one person will attend wedding between E and the one who likes pink. Only two persons will attend a wedding between the one who likes pink and the one who likes yellow. Only three persons will attend a wedding between the one who likes Pink and C. B will attend a wedding immediately after the one who likes pink. Only one person will attend a wedding between B and A. D will attend a wedding immediately before F. Only one person will attend a wedding be-

between F and the one who likes green. F likes neither blue nor orange. The one who likes silver will attend a wedding immediately before the one who likes blue.

11. On which of the following days will G attend a wedding ?
 (1) Monday (2) Tuesday
 (3) Saturday (4) Thursday
 (5) Friday
12. Which of the following colours does D like ?
 (1) Silver (2) Blue
 (3) Pink (4) Orange
 (5) Red
13. Four of the following five are alike in a certain way as per the given arrangement and hence form a group. Which of the following does not belong to that group ?
 (1) A-Pink (2) D-Blue
 (3) C-Yellow (4) C-Silver
 (5) E-Orange
14. As per the given arrangement A is related to Saturday and C is related to Sunday in a certain way. To which of the following is D related to in the same way ?
 (1) Wednesday
 (2) Tuesday (3) Friday
 (4) Monday (5) Thursday
15. Which of the following pairs represent those who will attend a wedding immediately before and immediately after E ?
 (1) D, A (2) B, A
 (3) A, D (4) C, G
 (5) G, A

Directions (18-20) : Study the following information carefully and answer the questions given below :

Eight persons namely, A, B, C, D, E, F, G and H are sitting around a circular area at equal distances between each other, but not necessarily in the same order. Some people face the centre while some face outside (i.e. in a direction opposite to the centre.)

- C sits second to the left of G. G faces the centre. Both the immediate neighbours of C face outside.

- D sits third to the right of C.
 - B sits third to the right of H. H is neither an immediate neighbour of C nor D.
 - Both the immediate neighbours of A face outside.
 - E faces same direction as H (i.e. if H faces the centre then E also faces the centre and vice-versa.)
 - Immediate neighbours of E face opposite directions (i.e. if one neighbour faces the centre then the other faces outside and vice-versa.)
18. Four of the following five are alike in a certain way based on the given seating arrangement and so form a group. Which is the one that does not belong to that group ?
 (1) B (2) D
 (3) E (4) A
 (5) C

17. Who amongst the following are immediate neighbours of E ?

- (1) D, H (2) D, F
 (3) C, G (4) A, G
 (5) A, C

19. Which of the following statements is true regarding F as per the given seating arrangement ?

- (1) A is one of the immediate neighbours of F.
 (2) F faces the centre.
 (3) None of the given options is true
 (4) Only three persons sit between F and D.
 (5) F sits third to the left of H.

20. What is H's position with respect to C ?

- (1) Fifth to the left
 (2) Fourth to the right
 (3) Third to the right
 (4) Second to the right
 (5) Third to the left

20. Who is sitting to the immediate right of G ?

- (1) A (2) H
 (3) D (4) F
 (5) E

Directions (21-25) : Study the following information carefully and answer the questions given below :

Twelve persons are sitting in two parallel rows containing six persons each, in such a way that there is equal distance between adjacent persons. In row-1, S, T, U, V, W and X are seated and all of them are facing south, but not necessarily in the same order-1. In row-2, M, N, O, P, Q and R are seated and all of them are facing north, but not necessarily in the same order. Therefore, in the given seating arrangement, each member seated in a row faces another member of the other row.

T sits third to the left of X. X does not sit at any extreme ends of the line. P sits second to the left of the one who faces T. Only two persons sit between P and M. V sits second to the right of S. S is not an immediate neighbour of T. Q sits second to the left of R. Q is neither an immediate neighbour of M nor R. U is not an immediate neighbour of S.

21. Four of the following five are alike in a certain way based on the given arrangement and hence form a group. Which one of them does not belong to that group ?

- (1) N (2) O
 (3) R (4) U
 (5) T

22. What is the position of P with respect to Q ?

- (1) Fourth to the right
 (2) Third to the left
 (3) Second to the right
 (4) Second to the left
 (5) Third to the right

23. Who amongst the following is facing N ?

- (1) S (2) T
 (3) W (4) V
 (5) X

24. Which of the following statements is true regarding W ?

- (1) T is one of the immediate neighbours of W.
 (2) Only one person sits between W and V.
 (3) U sits to second to the right of W.
 (4) W faces one of the immediate neighbours of M.
 (5) None of the given statements is true.

25. Who amongst the following is facing U ?

- (1) R (2) P
(3) O (4) Q
(5) M

Directions (25 - 30) : In each of the following questions, two or three statements followed by two Conclusions numbered I and II have been given. You have to assume the given statements to be true even if they seem to be at variance from the 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 either Conclusion I or Conclusion II follows

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

Give answer (3) if both Conclusion I and Conclusion II follow

Give answer (4) if only Conclusion I follows

Give answer (5) if only Conclusion II follows

26. Statements :

Some stands are racks.
No rack is a box.
All boxes are cartons.

Conclusions :

- I. All stands can never be boxes.
II. All racks being cartons is a possibility.

27. Statements :

All kittens are turtles.
Some turtles are puppies.

Conclusions :

- I. Atleast some puppies are kittens.
II. No puppy is a kitten.

28. Statements :

All papers are mills.
All mills are factories.

Conclusions :

- I. All mills are papers.
II. All papers are factories.

(29-30) :

Statements :

No perfume is a fragrance.
Some perfumes are deodorants.
All deodorants are colognes.

29. Conclusions :

- I. Atleast some perfumes are colognes.
II. No fragrance is a deodorant.

30. Conclusions :

- I. Atleast some deodorants are not fragrances.
II. All fragrances being colognes is a possibility

QUANTITATIVE APTITUDE

31. The ratio between the present ages of A and B is 2 : 3 respectively. B's age sixteen years hence will be twice of A's age four years hence. What is the difference between the present ages of A and B ?

- (1) 6 years (2) 12 years
(3) 8 years (4) 4 years
(5) 15 years

32. A certain sum is invested for 2 years in scheme A at 10% p.a. compound interest (compounded annually). Same sum is also invested for 3 years in scheme B at $x\%$ p.a. simple interest. The interest earned from scheme A is half to that of earned from scheme B. What is the value of x ?

- (1) 20 (2) 9
(3) 12 (4) 18
(5) 14

33. Out of the total population of a town 40% were females. Out of the total number of males, 75% were literates and the remaining 225 were illiterates. If 70% of the total number of females are literates, how many females were illiterate ?

- (1) 300 (2) 210
(3) 240 (4) 150
(5) 180

34. There are 5 consecutive odd numbers. If the difference between square of the average of first two odd numbers and the square of the average of last two odd numbers is 568, what is the smallest odd number ?

- (1) 45 (2) 47
(3) 41 (4) 49
(5) 43

Directions (35-39) : What will come in place of question mark (?) in the given number series ?

35. 1 2 5 16 65 ?

- (1) 312 (2) 294
(3) 336 (4) 482
(5) 257

36. 160 151 133 108 ? 25

- (1) 70 (2) 32
(3) 55 (4) 40
(5) 25

37. 16 7 8 16 64 512

- (1) 12 (2) 10
(3) 32 (4) 8
(5) 24

38. 400 375 424 343 464 ?

- (1) 251 (2) 385
(3) 295 (4) 371
(5) 502

39. 68 36 20 12 7 6

- (1) 5 (2) 8
(3) 10 (4) 9
(5) 4

40. The cost price of article A is Rs. 200 more than the cost price of article B. Article A was sold at 10% loss and article B was sold at 25% profit. If the overall profit earned after selling both the articles is 4%, what is the cost price of article B ?

- (1) Rs. 450 (2) Rs. 550
(3) Rs. 400 (4) Rs. 500
(5) Rs. 300

41. A boat can travel 12.6 km downstream in 35 minutes. If the speed of the water current

is $\frac{1}{4}$ th the speed of the boat

in still water, what distance (in km) can the boat travel upstream in 28 minutes ?

- (1) 7 (2) 7.5
(3) 8.5 (4) 9
(5) 6

42. There are 6 red balls and 4 yellow balls in a bag. Two balls are simultaneously drawn at random. What is the probability that both the balls are of same colour ?

- (1) $\frac{7}{15}$ (2) $\frac{5}{12}$

(3) $\frac{7}{11}$

(4) $\frac{7}{8}$

(5) $\frac{1}{8}$

43. A batsman played three matches in a tournament. The respective ratio between the scores of 1st and 2nd matches was 5 : 4 and that between the scores of 2nd and 3rd matches was 2 : 1. The difference between the 1st and 3rd matches was 48 runs. What was the batsman's average score in all the three matches ?

(1) 45

(2) $58\frac{2}{3}$

(3) 70

(4) $40\frac{2}{3}$

(5) $50\frac{1}{4}$

Directions (44-48) : In the following questions two equations numbered I and II are given. You have to solve both the equations and choose the appropriate option.

Give answer

if

(1) $x > y$

(2) $x = y$

(3) $x \geq y$

(4) $x \leq y$

(5) $x = y$ or the relationship cannot be established

44. I. $3x^2 + 7x + 2 = 0$

II. $y^2 + 5y + 6 = 0$

45. I. $2x^2 - 13x + 21 = 0$

II. $2y^2 - 9y + 10 = 0$

46. I. $3x^2 - 14x + 15 = 0$

II. $2y^2 - 9y + 9 = 0$

47. I. $3x^2 - 10x + 8 = 0$

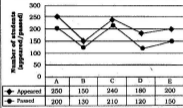
II. $2y^2 - 11y + 15 = 0$

48. I. $x^2 = 25$

II. $y^2 - 6y + 9 = 0$

Directions (49-53) : Refer to the graph and answer the given questions.

Data given below are regarding the number of students who have appeared/passed in a certificate exam from five schools in the year 2005



49. The number of students who appeared at the exam from school D was what percent more than that who appeared from school B ?

(1) 50

(2) 30

(3) 20

(4) 10

(5) 25

50. Out of all the given schools, for which school was the number of students failing at the exam maximum ?

(1) C

(2) E

(3) D

(4) B

(5) A

51. In the year 2006, the number of students who appeared at the exam from school A was 12% more than that who appeared at the exam from the same school in previous year. how many students appeared at the exam from school A in 2006 ?

(1) 272

(3) 280

(2) 254

(4) 290

(5) 285

52. What is the respective ratio between the total number of students who appeared at the exam from schools C and E together and that who passed the exam from the same schools together ?

(1) 11 : 7

(2) 13 : 9

(3) 11 : 8

(4) 11 : 9

(5) 4 : 3

53. What is the average number of students who passed the exam from schools A, B and C ?

(1) 190

(2) 180

(3) 180

(4) 150

(5) 140

Directions (54 - 56) : Based on the following table, answer the given questions.

The data given in the table are for the month of March, 2015

Companies	Total number of employees	Number of female employees
A	3500	2410
B	3200	1890
C	3000	1600
D	2500	1200
E	4240	2800
F	3600	1240

54. The number of male employees in company D is what percent less than the number of female employees in company C ?

(1) 12

(3) 15

(2) 20

(4) 22

(5) 18

55. What is the average number of female employees in Companies A, C and F ?

(1) 1750

(2) 1730

(3) 1710

(4) 1730

(5) 1780

56. What is the difference between the number of male employees

in Company A and that in Company F ?

- (1) 840 (2) 810
(3) 860 (4) 740
(5) 790

57. If in April, 2015, the number of female employees in company E increased by 10% and the number of total employees in the company remained the same, what was the number of male employees

- (1) 1430 (2) 1420
(3) 1410 (4) 1360
(5) 1390

58. The total number of female employees in companies B and F together is what percent of the total number of employees in company D ?

- (1) 124 (2) 122
(3) 125 (4) 134
(5) 135

59. The radius of a circular field is equal to the side of a square field, if the difference between the perimeter of the circular field and that of the square field is 32m, what is the parameter of the square field ? (in metre)

- (1) 84 (2) 85
(3) 86 (4) 88
(5) 112

60. 12 men can finish a piece of work in 20 days. 8 men started working and after 10 days they were replaced by 18 women. These 18 women finished the remaining work in 16 days. In how many days can 18 women finish the whole work ?

- (1) 32 (2) 18
(3) 28 (4) 24
(5) 21

GENERAL KNOWLEDGE AND CURRENT AFFAIRS

61. The Housing and Urban Poverty Alleviation ministry has recently (February, 2016) launched construction of 81,797 houses for economically weaker sections in 163 cities of the

- (1) Thirteen states
(2) Seven states
(3) Nine states
(4) Eleven states
(5) Fifteen states

62. The tagline 'saakha bhala, sahka bhala' is associated with

- (1) IDBI Bank
(2) IDFC Bank
(3) Federal Bank
(4) ICICI Bank
(5) Bandhan Bank

63. Sheikh Mohammed Bin Zayed Al Nahyan' who recently (February 2016) visited india as the crown prince of

- (1) Dubai (2) Abu Dhabi
(3) Istanbul (4) Tajikistan
(5) Jordan

64. Recently it is announced that for the first time the 'Elephant Island' will get 24-hour electricity from August 15, 2016. The island is situated in the Indian state of

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

65. Which of the following Indian lyricist has entered the Guinness Book of World Records for pinning the most number of songs (3524 in 650 films) in Bollywood ?

- (1) Anand Bakshi
(2) Zaved Akhtar
(3) Gulzar
(4) Prasoon Joshi
(5) Sameer Anjaan

66. The five day inaugural 'Kerala Literature Festival' which saw tremendous participation was recently organised in the city of

- (1) Kochi (2) Kozhikode
(3) Kottayam (4) Kananakom
(5) Kovalam

67. In an all cash deal the external IT business of Sweden's Volvo group has recently been acquired for USD 138 million (around Rs. 885 crore) by

- (1) Tech Mahindra
(2) WIPRO Limited
(3) Tata Consultancy Services
(4) Oracle Financial Services
(5) HCL Technologies

68. In the recent (February, 2016) survey after the launch of Swedish Bharat Mission in 2014, the Indian city which is ranked as the cleanest city amongst 73 cities covered under the survey is

- (1) Surat (2) Chandigarh
(3) Mysuru (4) Tiruchupatti
(5) Pimpri-Chinchwad

69. During the 'Make in India' week the 'Adani Group' has signed an MoU with the Chief Minister for an investment of Rs. 15000 crore to set up a 1600 MW Thermal Power Plant in the Indian state of

- (1) Karnataka (2) Rajasthan
(3) Jharkhand
(4) Chhattisgarh
(5) Maharashtra

70. The recent (February, 2016) week long 'Make in India' summit at Mumbai closed with investment pledges of around

- (1) USD 325 billion
(2) USD 355 billion
(3) USD 372 billion
(4) USD 222 billion
(5) USD 255 billion

71. Developed in collaboration with NASA, the ASTRO-H space observation satellite to probe mysterious black holes has recently (February, 2016) been launched by

- (1) Russia (2) Germany
(3) China (4) Japan
(5) India

72. The currency of the 'Republic of Finland' is

- (1) Euro (2) Korana
(3) Zloty (4) Flint
(5) Krona

73. 'K.P. Sharma Oir' is the present Prime Minister of

- (1) Nepal (2) Thailand
(3) Fiji Island (4) Bhutan
(5) Mauritius

74. Taxi-hailing app 'Uber' has recently (February, 2016) signed an agreement with the 'Skill Development and Entrepreneurship Development' (SIED) of the Maharashtra Government to provide 75,000 new job opportunities across the state over the next:
- (1) Five years
 - (2) Three years
 - (3) Seven years
 - (4) Ten years
 - (5) Two years
75. 'Havana' is the capital of
- (1) Cuba
 - (2) Colombia
 - (3) Cyprus
 - (4) Croatia
 - (5) Chile
76. The first ever 'Orange Festival of music and adventure' was recently (December, 2016) held in the Indian state of
- (1) Uttar Pradesh
 - (2) Himachal Pradesh
 - (3) Andhra Pradesh
 - (4) Madhya Pradesh
 - (5) Arunachal Pradesh
77. The South Korean state of 'Chungcheongbuk' recently (February, 2016) agreed to enter into a sister-statehood relationship for technology and development with the Indian state of
- (1) Maharashtra
 - (2) Haryana
 - (3) Telangana
 - (4) Gujarat
 - (5) Himachal Pradesh
78. 'Paani Foundation', a not-for-profit company whose main objective will be to impart knowledge about water conservation and watershed management has recently been started by
- (1) Shahrukh Khan and Geetika Khan
 - (2) Dilip Kumar and Saira Banu
 - (3) Dharmendra and Hema Malini
 - (4) Amitabh Bachchan and Jaya Bachchan
 - (5) Aamir Khan & Kiran Rao
79. Which of the following countries has recently (February, 2016) decided to sell eight nu-

clear-capable F-16 fighter jets worth nearly \$700 million to Pakistan?

- (1) USA
 - (2) France
 - (3) China
 - (4) Russia
 - (5) Germany
80. 'She-Taxi' which is claimed to be the country's first 24 x 7 taxi network by women for women is an all women taxi cab service in the Indian state of
- (1) West Bengal
 - (2) Kerala
 - (3) Tamil Nadu
 - (4) Karnataka
 - (5) Maharashtra
81. 'Milos Raonic' won the men's singles category title at the 'Brisbane International Tennis Tournament' defeating
- (1) Roger Federer
 - (2) Andy Murray
 - (3) Gilles Simon
 - (4) John Peers
 - (5) Marin Cilic
82. 2nd April, every year is observed all over the world as
- (1) World Intellectual Property Day
 - (2) International Children's Book Day
 - (3) World Book and Copyright Day
 - (4) International Mother Earth Day
 - (5) World Autism Awareness Day
83. Indian women's football team retained its gold at the recent (February, 2016) South Asian Games by defeating
- (1) Bangladesh
 - (2) Nepal
 - (3) Bhutan
 - (4) Sri Lanka
 - (5) Pakistan
84. The 'G20 Summit' in 2016 is proposed to be held in
- (1) Hangzhou, China
 - (2) Sydney, Australia
 - (3) Moscow, Russia
 - (4) New Delhi, India
 - (5) Istanbul, Turkey
85. The storm 'Imogen' accompanied with heavy rain recently battered.

- (1) Mauritius and Maldives
- (2) Bangladesh and Myanmar
- (3) England and Wales
- (4) Bhutan and India
- (5) Sri Lanka and Singapore

86. The St. Petersburg women's tennis doubles trophy 2016 was won by the pair of
- (1) Sania Mirza and Martina Hingis
 - (2) Vera Dushevina and Barbora Krejckova
 - (3) Jana Novotna and Sania Mirza
 - (4) Pam Shriver and Martina Hingis
 - (5) None of those given as options
87. Where did Prime Minister Narendra Modi launch the guidelines for operationalization of the Pradhan Mantri Fasal Bima Yojana in February 2016?
- (1) Shergarh
 - (2) Guwahati
 - (3) Kolkata
 - (4) Jaipur
 - (5) Varanasi
88. The 'Rajaji National Park' which has been notified as 'Rajaji Tiger Reserve' in the year 2015 is situated in the Indian state of
- (1) Tamil Nadu
 - (2) Uttar Pradesh
 - (3) Himachal Pradesh
 - (4) Telangana
 - (5) Uttarakhand
89. As per recent (February, 2016) newspaper reports, South Eastern Coalfield Limited (SECL), a subsidiary of the Coal India Limited would be setting up country's largest coal washery with a capacity of 25 million tonnes per annum in the Indian state of
- (1) Chhattisgarh
 - (2) Jharkhand
 - (3) West Bengal
 - (4) Bihar
 - (5) Madhya Pradesh
90. The 13th edition of the South Asian Games will be hosted
- (1) Sri Lanka
 - (2) Bangladesh
 - (3) Bhutan
 - (4) India
 - (5) Nepal

COMPUTER KNOWLEDGE

- 91.** Single word reference to viruses, worms etc. is
(1) hardware (2) virus
(3) malware (4) phish
(5) killerware
- 92.** Choosing a program instruction or data item from memory is called
(1) decoding (2) storing
(3) fetching (4) detaching
(5) encoding
- 93.** Mouse, trackball and joystick are the examples of
(1) Pointing devices
(2) Scanning devices
(3) Storing device
(4) Multimedia device
(5) Biometric device
- 94.** VLSI is a process in creating Integrated Circuits. VLSI stands for
(1) Very-Large Scale Integration
(2) Visual-Large Scale Integration
(3) Virtual-Large Scale Integration
(4) Very-Large Scale Internet
(5) Visual-Large Scale Internet
- 95.** What is a computer program?
(1) computer software
(2) an instruction
(3) a computer activity to use
(4) a set of codes
(5) a set of instructions that tells the computer what to do
- 96.** What is the logical address of a Webpage?
(1) Extension
(2) Protocol (3) Directory
(4) Domain (5) URL
- 97.** Which is not a storage device?
(1) A Hard Disk
(2) A DVD
(3) A Scanner
(4) A CD
(5) A Floppy Disk
- 98.** A computer file that is saved is permanently saved on the
(1) RAM (2) Hard Disk
(3) Monitor (4) ROM
(5) Scanner
- 99.** _____ refers to the unauthorized copying and distribution of software.
- (3) Software piracy
(2) Hacking (3) Cracking
(4) Plagiarism
(5) Software literacy
- 100.** USB, in computer parlance stands for
(1) Universal Serial Bus
(2) Universal System Bus
(3) Unaccounted System bus
(4) Universal Serial Backup
(5) Universal System Backup
- 101.** To find information on the Web, it is best to use a _____ engine.
(1) web (2) program
(3) search (4) spreadsheet
(5) home page
- 102.** Microsoft Windows is a (an)
(1) Operating System
(2) Presentation program
(3) Database program
(4) Graphics program
(5) Word processing program
- 103.** Converting the computer language of 1's and 2's to characters that a person can understand is called
(1) decoding (2) selecting
(3) generating
(4) emailing-clip art
(5) highlighting
- 104.** Which type of operating system allows simultaneous access to a computer system through two or more terminals?
(1) Batch processing
(2) Multi-user
(3) Multi-tasking
(4) Multi-processing
(5) Time sharing
- 105.** The Recycle Bin in a computer stores
(1) Hidden files and folders
(2) Hidden and Deleted folders
(3) Deleted files and folders
(4) Files and folders in floppy device
(5) Hidden and Deleted files
- 106.** Which of the following is smallest unit of data storage?
(1) TB (2) KB
(3) MB (4) GB
(5) Petabyte
- 107.** UNIX is a(n) _____ OS.
(1) Windows (2) Mac
(3) Expensive (4) Microsoft
(5) Open-source
- 108.** A browser is :
(1) software tool for looking at web pages
(2) software for creating web pages
(3) tool for defining web pages
(4) software tool for describing web pages
(5) software tool for looking at pages
- 109.** Which one of the following should not be considered as a form of secondary storage?
(1) floppy disk
(2) optical disk
(3) hard disk
(4) pen drive
(5) RAM
- 110.** Which of the following is the correct order of the four major functions of a computer?
(1) Input, Output, Process, Storage
(2) Process, Output, Input, Storage
(3) Process, Storage, Input, Output
(4) Storage, Output, Process, Input
(5) Input, Process, Output, Storage
- 111.** A _____ and monitor are the two main output devices for a computer system.
(1) Plotter
(2) Storage device
(3) Printer (4) Keyboard
(5) Mouse
- 112.** When you type a document on a computer, every letter you type is saved to the computer's _____ or temporary storage area.
(1) CPU (2) CD-ROM
(3) ROM (4) RAM
(5) Hard Disk
- 113.** The term megahertz or MHz means —
(1) hundreds of cycles per minute
(2) thousands of cycles per second
(3) billions of cycles per second
(4) millions of cycles per minute
(5) millions of cycles per second
- 114.** HTTP stands for —
(1) Hypertext Transfer Protocol
(2) Hypertext Transfer Practical

(3) Hypertext Transmission Protocol

(4) Hypertext Transfer Practice

(5) None of those given as options

115. Which of the following is an input device ?

(1) Plotter (2) Scanner

(3) Loudspeaker

(4) Printer (5) ALL

116. Which of the following is a popular DOS based spreadsheet?

(1) Word (2) Access

(3) Excel (4) Smart Cell

(5) Lotus 1-2-3

117. What do you use to enter data into the computer from the following?

(1) screen (2) keyboard

(3) plotter (4) printer

(5) speaker

118. _____ is an example of browser software.

(1) Microsoft Power Point

(2) Microsoft Publisher

(3) Windows Explorer

(4) Microsoft Explorer

(5) Internet Explorer

119. Which of the following is a programming language?

(1) MS- Outlook

(2) MS-Word (3) Netscape

(4) Lotus

(5) Pascal

120. TXT, DOC, SMP in computing are

(1) complex commands

(2) file names

(3) file extensions

(4) file titles

(5) keywords

ENGLISH LANGUAGE

Directions (121 - 128) : In the following questions, each sentence has two blanks, indicating that something has been omitted in each blank. Choose the group of words for the blanks which best fit the meaning of the sentence as a whole.

121. Technology _____ channels, be it internet or mobile, _____ us get more information on new medicines.

(1) prepare, support

(2) handicapped, blocks

(3) enabled, help

(4) approved, lit

(5) empowered, guides

122. In developing countries, farmers lack _____ to irrigation and crop insurance which aids in _____ weather-related risks.

(1) access, mitigating

(2) approach, assessing

(3) entry, tackling

(4) opportunities, removing

(5) way, easing

123. The new scheme _____ to catalyse the overall regional growth, which would be _____ for both rural and urban areas of the country.

(1) aims, beneficial

(2) sought, harm

(3) prompts, helps

(4) design, prove

(5) intends, useful

124. _____ the budget will lead to an increase in farm sector spending or not can only be answered when a detailed analysis of it is _____

(1) if, their

(2) Even, accessible

(3) Whether, available

(4) Either, calculated

(5) Since, conducted

125. A number of factors are _____ to financially assist the middle class _____ the next two decades.

(1) inclined, for

(2) hopefully, by

(3) probably, within

(4) responsible, on

(5) likely, over

Directions (126 - 130) : Rearrange the given five sentences (A), (B), (C), (D) and (E) in a proper sequence so as to form a meaningful paragraph and then answer the given questions.

(A) But, they should be.

(B) It is true—these companies can cost you thousands of dollars a year and you may not receive any return on that investment, unless you file a claim.

(C) In fact, besides this impact, without the insurance industry, the economy would practically come to a standstill.

(D) Think of an insurance company and unless you have had a significant claim paid, your thoughts may not be too positive.

(E) Yet it is difficult to think of another industry that has a more positive impact on the economy.

126. Which of the following should be the **FIFTH (LAST)** sentence after rearrangement ?

(1) D (2) B

(3) A (4) C

(5) E

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

(1) C (2) A

(3) B (4) E

(5) D

128. Which of the following should be the **FOURTH** sentence after rearrangement ?

(1) A (2) B

(3) C (4) E

(5) D

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

(1) C (2) B

(3) A (4) D

(5) E

130. Which of the following should be the **SECOND** sentence after rearrangement ?

(1) B (2) A

(3) E (4) D

(5) C

Directions (131 - 135) : In the following questions, which of the phrases given against each sentence should replace the word/phrase 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, select 'No correction required as the answer.'

131. The spectacular rise of China **has become** arguably the most important geopolitical development of the past decade.

(1) have been arguably

(2) is arguable

(3) has been arguably

(4) has being arguably

(5) No correction required

132. As entrepreneurs, we **must faithful** be to the organisation we have set out to build.

(1) faithfully be

(2) must faithful

(3) must be faithful

(4) be must faithful

(5) No correction required

133. The economic turmoil in the world today **has once again** thrown the spotlight on the economic profession.

- (1) have thrown again
- (2) has thrown once
- (3) again has once
- (4) had threw
- (5) No correction required

134. The government is **set** double annual spending on irrigation and crop insurance.

- (1) to set is (2) to setting is
- (3) are setting
- (4) is set to
- (5) No correction required

135. The upcoming budget certainly **has the potentiality** to catapult the economy into a high-growth orbit.

- (1) has the potential
- (2) potential
- (3) has potent
- (4) the potential
- (5) No correction required

Directions (130–140): In the following questions, read each sentence to find out whether there is any grammatical error in it. The error, if any, will be in one part of the sentence. Select the part with the error as your answer. If there is no error, select 'No error' as your answer. Ignore the errors of punctuation, if any.

136. Although I prepared myself (1)/ for appear strong (2)/ to my mother, my heart (3)/ ached and cried. (4)/ No error (5)

137. The department will (1)/ initiate a campaign (2)/ to promote organic farming (3)/ across the state. (4)/ No error (5)

138. Fancy words in place of (1)/ the numerical registration number (2)/ on your vehicle will (3)/ landed you in trouble. (4)/ No error (5)

139. The film industry took note for (1)/ his talent and the actor (2)/ has finally bagged (3)/ three plum roles in Telugu movies. (4)/ No error (5)

140. The boy was (1)/ allegedly shot at (2)/ by robbers and (3)/ was hospitalized. (4)/ No error (5)

Directions (141–150): Read the following passage carefully and answer the questions. Certain

words/phrases are given in **bold** to help you locate them while answering some of the questions.

Investors have poured billions of dollars into "fintech" start-ups, creating hundreds of new firms determined to shake up lending, payments, broking and data, among other financial niches. Insurance, however, has not yet been subject to this. That may be changing. **Insurance is tricky to break into.** The most important is regulation. Health insurance — or its American version, at least — may be the most heavily regulated industry in the world. Before a company can even offer a policy, it must have multiple approvals from state and often city agencies and then negotiate agreements with local hospitals. Running the gauntlet of regulations is costly and further more company that sets up shop today could not issue any policies before 2018 at the very earliest. The second reason is capital. Fintech firms typically receive backing from venture capitalists to pay for salaries, systems, infrastructure, but not to support a big balance-sheet. Many lend to structure their operations to avoid holding risky assets for any length of time, acting more as intermediaries between creditors and borrowers, investors and investments, or the sender of some money and the recipient. This sort of arrangement does not work as well for insurance. Unless a firm serves **purely** as a broker, it will end up carrying some risk, and the **weighty** capital requirements that come with it. What is more, customers will not take out policies unless they are confident that the issuer will be around to **honour** them when a claim is made. But a startup, by definition, does not have the record or reputation that would help bolster that confidence.

Lemonade, an American startup, plans to offer insurance via a peer-to-peer platform — in effect, acting as a middleman. Others, such as Quevara in Britain and Friendsurance in Germany, try to get groups of friends to pool risks, on the assumption that they know better than the actuaries how accident-prone their nearest and dear-

est are. This also helps get around the problem of confidence. Metromile, a startup car insurer based in San Francisco, takes a different tack. Its policies are underwritten by another insurer, National General. For now, that allows it to **hone** its technology and increase its customer base. But in time retained earnings, reinsurance and debt could enable it to retain more risk, as more mature insurance firms do. Like many insurers, Metromile seeks to cherry-pick the least risky customers. For car insurance, that involves working out which are least likely to have an accident. Several big insurance companies, most notably Progressive in America and Aviva in Britain, have begun to use tracking devices or voluntary apps on cars to monitor how safely their customers drive. How fast they go and how hard they brake are just a couple of the factors that can be used to sort the cautious from the reckless. Metromile, in contrast, tracks mileage. Customers pay a fee of \$45-50 a month and then \$0.05 to \$0.06 cents a mile. There is a clear correlation, Metromile contends, between miles driven and the likelihood of an accident. It reckons there are 75m vehicles in America that are driven only rarely, but insured at a cost of \$73 billion a year. Offering a metered option may not only save their owners some money, but also go some way to disproving the view that insurance and fintech do not mix.

141. Choose the word which is most nearly the same in meaning as the word **HONE** given in bold as used in the passage.

- (1) enhance (2) drill
- (3) talent (4) repeat
- (5) improve

142. Which of the following factors play(s) a role in the success of an insurance startup ?

- (A) A well-established track record of settling claims.
 - (B) Availability of capital to comply with regulations and expand operations.
 - (C) Lack of confidence in government insurers.
- (1) Only (C)
(2) Only (B) and (C)

- (3) Only (A) and (B)
 (4) Only (A) and (C)
 (5) All (A), (B) and (C)

143. What is the author's view of companies like Metromile ?

- (1) These have taken on too much risk to succeed.
 (2) These have been duping customers by overcharging on premiums.
 (3) These are quick at settling claims.
 (4) These add to insurance premium costs as these are middle men.
 (5) These prove that technology can be effectively used by insurance companies.

144. Which of the following is the central idea of the passage ?

- (1) Startups in insurance have been uncommon but are catching on.
 (2) Insurance markets in Western countries are safer than in Asia.
 (3) Fintech firms should be discouraged from the insurance sector.
 (4) Regulation of the insurance market is too tough.
 (5) Government owned insurance should stop underwriting risk for peer-to-peer insurers.

145. Which of the following is true in the context of the passage ?

- (1) Investment in fintech startups is surely lacking.
 (2) Car insurers have been innovative.
 (3) Insurance companies are not exploring social media data.
 (4) Western insurance companies have not explored the use of technology.
 (5) None of the given statements is true in the context of the passage.

146. What does the author want to convey through the phrase 'Insurance is tricky to break into'?

- (1) The regulations for the insurance sector are unclear and unfair.

(2) Consumers find that insurance companies are difficult to comprehend.

- (3) Most hospitals refuse to treat patients without an insurance.
 (4) Americans are unwilling to pay for car insurance.
 (5) Other than those given as options.

147. Which of the following can be said about the insurance sector ?

- (1) It is undergoing a transformation.
 (2) It is in the midst of a crisis owing to a recession.
 (3) Venture capitalists have lost interest in this sector.
 (4) It has gained a negative reputation.
 (5) Its new ways of analysing risk are unsafe.

148. Choose the word which is opposite in meaning to the word **PURELY** given in bold as used in the passage.

- (1) accurately (2) morally
 (3) indelicately (4) foolishly
 (5) partly

149. Choose the word which is most nearly the same in meaning to the word **HONOUR** given in bold as used in the passage.

- (1) glorify (2) censure
 (3) pride (4) dignity
 (5) ostile

150. Choose the word which is opposite in meaning to the word **WEIGHTY** given in bold as used in the passage.

- (1) increasing (2) brittle
 (3) successful (4) soft
 (5) slight

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.

(151) that two people are carrying a six-foot slab of wood at the same time. One is using a hand-chisel, the (152) a chainsaw. If you are (153) in the future of that slab, whom would you watch ?

This chainsaw or chisel logic has led some to a (154) that technological education is more important to humanity's near future than biological evolution, now a days, it is not the biological chisel but the technological chainsaw that is most quickly (155) what it means to be human. The devices we use change the way we live much (156) than any contest among genes. We're the block of wood, even if, sometimes we don't even fully notice that we're (157).

Assuming that we really are evolving as we (158) or inhabit more technological prosthetics-like ever-smarter phones, helpful glasses and brainy cars- here's the big question (159) that type of evolution take us in (160) directions, as we usually assume biological evolution does ?

151. (1) See (2) Thinking
 (3) Imagine (4) Loo
 (5) Nightmare

152. (1) other (2) another
 (3) next (4) opposite
 (5) third

153. (1) given (2) worried
 (3) interested (4) keen
 (5) aware

154. (1) suggest (2) live
 (3) pass (4) ways
 (5) belief

155. (1) meaning (2) allowing
 (3) redefining (4) sending
 (5) populating

156. (1) most (2) highly
 (3) quick (4) too
 (5) faster

157. (1) together (2) changing
 (3) alive (4) crying
 (5) limited

158. (1) leave (2) set
 (3) adapt (4) wear
 (5) gear

159. (1) how (2) will
 (3) which (4) do
 (5) what

160. (1) one (2) ahead
 (3) desirable (4) lets
 (5) future