QUANTITATIVE

Directions (1-4).In a bag, there are 40 balls of three different colors i.e. red, green and black. Ratio of number of red balls to that of green balls is 3: 5.If the probability of choosing a black ball from the bag is 0.40.

1. What is the total number of black balls in the bag?
1. 15
2. 18
3. 14
4. 19
5. None of the above

2. Find the probability of choosing a red and a green ball from the bag if the ball chosen is replaced.
1. 25/19
2. 26/259
3. 27/320
4. 27/250
5. None of these

3. Find the probability of choosing a red and a green ball from the bag if the ball chosen is not replaced.
1. 5/109
2. 6/95
3. 9/104
4. 7/95
5. None of these

4. If the black balls in bag is increased by 8 from initial number of black balls.Then what will be the probability of drawing a black ball from the bag?
1. 1/2
2. 6/13
3. 3/13
4. 1/15
5. None of these

5. A boy ,after giving 40% of his income to his friend and 10% of remaining to another friend his left Rs.5400 left .what is his income?
1.12500
2. 10500
3.10000
4. 11500
5. None of these

6. Find the ratio of amount paid to A to the amount paid to D for their performances in the entire show?
1. 4: 5
2. 8 : 21
3. 1 : 2
4. 9 : 10
5. None of the above

7. If the amount paid to B for his performances in the show is 2.16lakh. than total number of performances performed by B in entire show?
1. 5
2. 8
3. 4
4. 9
5. None of the above

8. If the number of performances made by B in a week is 3 more than the number of performances made by D in that week. Then find the total amount paid to B for the entire show?
1. Rs. 4.82 lakh
2. Rs. 4.88 lakh
3. Rs. 4.32 lakh
4. Rs. 4.70 lakh
5. Rs. 4.67 lakh

9. What is the average amount paid to all persons per hour ?
1. 19500
2. 20500
3. 17500
4. 21500
5. None of these

10. What is the difference between the amount paid to A for case 1 for entire show and total amount paid to D for the entire show for case 2 ?

1. 54500
2. 54000
3. 57500
4. 51500
5. None of these

Directions(11-15) Given pie shows that number of book sold by IBT institute in year 2018.

Note:- (1) Number of books sold in year 2018 and in 2019 is in ratio 5:6.
(2) Percentage distribution is same in both the years.

11.Total number of GK and Quants books sold in year 2018 is what percent of English and computer books sold in year 2019 ?
1. $76\frac{2}{3}$%
2. $76\frac{1}{3}$%
3. $78\frac{2}{3}$%
4. $78\frac{1}{3}$%
5. None of these

12. If the total reasoning books sold by IBT institute in year 2018 is 9600.Then what will be the difference between the number of GK and Computer books sold IBT institute in year 2019?
1. 1820
2. 2020
3. 1920
4. 2600
5. None of these

13. What is the ratio between number of books of English and GK sold in 2018 to number of quants and computer books sold by IBT institute in year 2019?
1. 35 : 54
2. 53 : 54
3. 54 : 35
4. 59 : 54
5. None of these

14. If GK books sold in year 2018 were 5000.Then what will be the average number of books sold in year 2019 by IBT institute ?
1. 17280
2. 12020
3.11920
4. 27600
5. None of these

15. Reasoning books sold in year 2019 are 720.What are the total number of books sold in year 2018?
1. 1800
2. 2020
3. 1920
4. 2600
5. None of these

Directions(16-20).Study the bar graph carefully and give answer of following questions.
Bar- Graph given below shows the percentage of male students out of total students who visits IBT institute in six different centers for admission.

16. Total students who visit institute D is 9000.Then total number of female who visit institute are?
1. 2700
2. 6220
3. 5400
4. 6300
5. None of these

17. If students visit center A and F is in 3:4.Then total number of females visits city F is approximately what percent of male visits center A?
1. 360%
2. 220%
3. 200%
4. 260%
5. None of these

18. If total number of students in city in which center E is situated is 13500 and out of which only 80 percent of students visits center. Then what is the difference between number of male and female student who visits center ?
1. 1040
2. 1020
3. 1120
4. 1080
5. None of these

19. Total number of male who visits center D is 6000 and number of male in center G is 50% more than the number of males in center in D. ratio of male and female is 3:7 in center G. Then what is the total number of students in center G?
1. 31040
2. 30000
3. 31120
4. 31080
5. None of these

20.In which center maximum number of male students visit if in each centre 3750 students visit?
1. A
2. B
3. F
4. D
5. C

REASONING

Direction (21-25) Study the following information carefully and answer the given questions:
Eight members Dinesh, Elly, Fany, Gagan, Harman, Jai, Kamal and Lokesh in a family are sitting around a circular table in a restaurant for birthday celebration in such a way that some of them are facing towards the centre and some of them are facing away from the centre, but not necessarily in the same order. Each of them orders different food items viz. Burger, Pizza, Sandwich, Taco, Burrito, Noodles, Momos and Pasta, but not necessarily in the same order. Harman sits third to the left of Jai. Harman does not face towards the centre and he orders Burger. Elly is the mother-in-law of Dinesh. Elly is married to Jai. Harman is son of Jai, who likes Burrito. Fany sits third to the right of Jai and Fany is a grandchild of Elly and a child of Harman. Immediate neighbours of Harman face the centre and order Sandwich and Taco, but not respectively. The

one who likes Momos sits adjacent to Lokesh and Jai and she is the daughter of Lokesh, who is the daughter of Elly. Gagan does not face away from the centre. Immediate neighbours of Gagan face away from the centre. The one who orders Sandwich sits opposite to Jai. The one who orders Pizza is not an immediate neighbour of Jai and faces the centre. Elly does not order Pizza. Gagan is the son-in-law of Elly. Dinesh sits second to the right of FANY and orders neither Momos nor Pasta. Kamal faces the opposite direction of Dinesh.

21. Which of the following food item Fany orders?
1. Taco
2. Pasta
3. Pizza
4. Sandwich
5. None of these

22. Who among the following orders Noodles?
1. Gagan
2. Kamal
3. Dinesh
4. Lokesh
5. None of these

23. How is Kamal related to Gagan?
1. Brother
2. Daughter
3. Nephew
4. Sister-in-law
5. None of these

24. How is Fany related to Dinesh?
1. Son
2. Brother-in-law
3. Daughter
4. Sister
5. Can't be determined

25. Who among the following sits opposite to Jai?
1. Gagan
2. Elly
3. Dinesh
4. Kamal
5. None of these

26. Statement-The Union health ministry has made Aadhaar a compulsory document for tuberculosis patients to be able to avail treatment under the government's Revised National Tuberculosis Control Programme (RNTCP).
(I)A person cannot take treatment of TB without Aadhar card.
(II)Patients suffering from TB will be unable to get cash benefits under a central government scheme till they produce their Aadhaar card.
(III)An individual eligible to receive the benefit under the scheme, is hereby, required to furnish proof of possession of Aadhaar number or undergo Aadhaar authentication.
(IV)The World Health Organisation(WHO) recently said that tuberculosis epidemic in India was "larger" than what had been previously estimated.
Which of the following could be the outcome of the given statement?
1. Only II
2. Only I and III
3. Only II and III
4. Only I
5. None of these
In the above question we have to find the result of the above statement.
For I-This cannot be the result because if a person does not have Aadhar, he/she will not get government help in treatment but can take treatment of TB without Aadhar.
For II-This could be the result as mentioned in the given statement that patients need Aadhar card to get benefits under government scheme.

For III-This also could be the result because it is clear from the given statement that to get benefits of the scheme verification of Aadhar will be required.

For IV-This is not the result of the given statement because this statement states that cases of TB patients increased in India now which is not directly related to the statement.

Direction (27-29) :-Study the information and answer the following questions:

In a certain code language

"egregious whiz confuse people" is coded as "G18* Q31* N21@ E12#"

"electronic term scupper account" is coded as "H25* L4* Q17* U22*"

"untoward creation presage inept" is coded as "J23* S34* H35* K21@"

27.What is the code for 'statutory'?
1. I37#   2. H39@
3. H39*   4. I38*
5. None of these

28. What is the code for 'torpedo'?
1. U35@   2. V35*
3. V20#   4. U30*
5. None of these

29. What is the code for 'engagement'?
1. L19*   2. G34@
3. M29#
4. W21@
5. None of these

Direction (30-31):- .Study the following information carefully and answer the questions given below:

In a certain code language:

"Chetttri is football player" is coded as "cv gh cn jk"

"Football is in Olympic" is coded as "gh pq cv ds"

"Women died in Football" is coded as "cv ds ws de"

30.What is the code of "Football" as per the given code language?
1. gh   2. pq
3. cv   4. ds
5. None of these

31. Which of the following word has code "cn" as per the given code language?
1. Chetttri   2. Football
3. player   4. is
5. Either (1.) or (3.)

Direction (32-36):-There are two rows given and to find out the resultant of a particular row we need to follow the following steps: -

Step 1: If an even number is followed by an odd number then the resultant will be the addition of both the numbers.

Step 2: If an odd number is followed by a perfect square then the resultant will be the difference of that square number from the odd number.

Step 3: If an odd number is followed by another odd number (but not a perfect square) then the resultant will be the addition of both the numbers.

Step 4: If an odd number is followed by an even number (but not a perfect square) then the resultant comes by multiplying the numbers.

Step 5: If an even number is followed by another even number then the resultant will be the division of first number by the second number.

32. If the sum of the resultants of two rows is 37. Then find the value of X.

5	2	5
8	3	X

1. 7   2. 3
3. 2   4. 5
5. 9

33. Find the sum of the resultant of the two rows

6	2	1
4	11	2

1. 38   2. 32
3. 34   4. 26
5. None of the above

34. If the resultant of the first row is double the resultant of the second row. Then find the value of X.

5	15	X
6	3	4

1. 6   2. 7
3. 8   4. 2
5. None of the above

35. Find the difference between the resultant of first and second row.

23	17	2
4	11	12

1. 117   2. 126
3. 157   4. 96
5. None of the above

36. The resultant of the first row is how much less or more than the resultant of the second row?

13	3	7
16	13	19

1. 11   2. 85
3. 10   4. 20
5. 25

37. Study the information carefully and answer the questions given below.

Eight boxes i.e. S1, T1, U1, V1, W1, X1, Y1 and Z1 are placed one above another but not necessarily in same order. Three boxes are placed between T1 and Y1. Box Z1 placed immediately above T1. Three boxes are placed between V1 and W1. One box is placed between T1 and X1. Box T1 isn't placed below Y1. Box Z1 placed one of the above places of box X1. Four boxes are placed between box S1 and box U1. Box S1 placed above Box U1. Box V1 placed one of the above places of box W1 and S1.

How many boxes are placed between U1 and W1?
1. Two   2. More than Four
3. One   4. Three
5. Four

Direction (38-40)- Each of these questions is based on the following information:

(i) 1 % Z means1 is the brother of Z.
(ii) 1 @ Z means 1 is the mother of Z.
(iii) 1 $ Z means 1 is the father of Z.
(iv) 1 * Z means 1 is the son of Z.

38. Which of the following expression shows the relation that M is mother of G?
1. S % Q @ M % G   2. M @ S % R % G
3. M @B % S $ G   4. G @ B $ N % M
5. None of these

39.If the expression P%Y@G*K is definitely true, then which of the following is not true?
1. K is father of G   2. G is nephew of P
3. K is wife of Y   4. Y is wife of K
5. G is son of Y

40. If the expression A $ B * Q @ R is definitely true, then which of the following is true?
1. R is daughter of A   2. R is son of Q
3. Q is mother of R   4. None of these
5. Q is father of B

41. To insert a word into the middle of a sentence-
1. move the cursor to the desired location in the sentence and type the new word
2. move the cursor to the desired location in the sentence, press Enter key, and type the new word
3. move the cursor to the beginning of the sentence and start typing
4. retype the whole sentence

42.A DVD is an example of a(n) –
1. hard disk   2. optical disc
3. output device   4. solid-state storage device
5. None of these

43. Grouping and processing all of a firm's transactions at one time is called–
1. a database management system   2. batch processing
3. a real-time system   4. an on-line system
5. None of these

44. Semi Conductor Memory is known as?
1. RAM   2. ROM
3. PROM   4. EPROM
5. None of these

45. Every computer on the Internet is known as?
1. Host   2. Client
3. Modem   4. Server
5. None of these

46.A spiral shape track formatting is present in
1. Floppy Disk   2. Optical Disk
3. Hard Disk   4. Half-inch Tape Cartridge
5. None of these

47 ---------------- Types of virus that stays permanently in the RAM memory
1. Resident   2. File infectors
3. Boot virus   4. Macro virus
5. None of these

48.Which of the following groups contains graphical file extensions?
1. JPG, CPX, GCM   2. GIF, TCF, WMF
3. TCP, JPG, BMP   4. JPG, GIF, BMP

49.A number system with a base of two is referred as–

1. Unary number system   2. Binary number system
3. Octal number system   4. All of the above
5. None of these

50. Which of the following is not true for primary storage?
1. It is a part of the CPU
2. It allows very fast access of data
3. It is relatively more expensive than other storage devices.
4. Can be removed and transported.
5. All of the above

ENGLISH

Direction (Q. 51 - 60): In each of the following questions a sentence is divided into four parts (a), (b), (c), and (d). Rearrange these parts in the proper sequence to form a meaningful sentence and then answer the question given below.

51. in output of goods and services**(a)**/ what counts is the real growth**(b)**/ some would argue that**(c)**/ nominal growth doesn't matter, because**(d)**
1. acbd   2. dbca
3. cdba   4. dbac
5. None of these

52. for refugees from three neighbouring countries — Afghanistan, Bangladesh and Pakistan,**(a)**/ the new law announces**(b)**/ provided that they are not Muslim**(c)**/ a bonanza of Indian citizenship**(d)**
1. bdac   2. dcab
3. acdb   4. cadb
5. None of these

53. who invest in their shares**(a)**/ corporates**(b)**/ money income, as do people**(c)**/ mostly care about their**(d)**
1. adbc   2. bdca
3. bacd   4. dcba
5. None of these

54. from investing more**(a)**/ from buying more**(b)**/ it is going to discourage consumers **(c)**/ and stop corporates**(d)**
1. acbd   2. cadb
3. bcad   4. cbda
5. None of these

55. while it cannot dwell into political decisions,**(a)**/ in any extreme direction**(b)**/ the court made it clear that**(c)**/ the pendulum should not swing**(d)**
1. dbca   2. bacd
3. cadb   4. adcb
5. None of these

56. all reports**(a)**/ meeting its revenue target**(b)**/ is having a hard time**(c)**/ suggest that the government**(d)**
1. bcda   2. adcb
3. bacd   4. abcd
5. None of these

57. the clamour for the JNU Vice-Chancellor's removal**(a)**/ on his own party by joining**(b)**/ Joshi sprang a surprise**(c)**/ just four days after the effusive praise from the PM,**(d)**
1. dcba   2. adcb
3. bdca   4. cadb
5. None of these

58. call it confidence or the courage**(a)**/ the BJP leadership has made it clear time and**(b)**/ of its convictions,**(c)**/ again that it doesn't need any guidance**(d)**
1. badc   2. bacd
3. acbd   4. adcb
5. None of these

59. liberalised the economy in 1991**(a)**/ to restructure policies that every government has been following since Narasimha Rao **(b)**/ regime needs to use this massive slowdown**(c)**/ the Modi**(d)**
1. dacb   2. cadb
3. cabd   4. dcba
5. None of these

60. confining itself to the annual, empty ritual of extending**(a)**/ the ruling party should listen to**(b)**/ birthday wishes to them**(c)**/ such leaders rather than**(d)**
1. bdac   2. abdc
3. bcda   4. adbc
5. None of these

Direction (Q. 61 - 70): In the following passage there are some blanks, each of which is numbered. Against each blank four alternatives are suggested, one of which fits the blank appropriately. Find out the appropriate word in each case. If the appropriate word is not given; choose option (5) as your answer.

Another Mumbai monsoon tragedy has ____1____ another high-level inquiry, this time to ____2____ the circumstances in which at least 26 Mumbaikars died when a wall along a suburban hillock collapsed on two shanty colonies. A technical experts' committee will also probe if the ____3____ of construction and design of the wall along the slope was appropriate. Meanwhile, the first week of rains left thousands with ____4____ and damaged homes and vehicles. The suburban railway and bus transportation systems are counting their ____5____, running into crores, from flood water ingress. Thousands of underground water tanks in suburban residential colonies are ____6____, and municipal authorities are bracing for an ____7____ round of viral and water-borne diseases. Incidentally, even as rains battered the financial capital earlier this week, a CAG report ____8____ in the Maharashtra state legislature slammed agencies for incomplete works on flood preparedness. After every major tragedy in Mumbai, inquiry reports point to blinkered urban planning and ____9____ municipal governance. Meanwhile, the tiresome trope about Mumbai's resilience almost appears to be its ____10____ — the city that never stops returns to business as usual and long-term corrective measures are forgotten.

61. Which of the following words can appropriately fill the **blank 1**?
1. tried   2. yielded
3. evaded   4. considered
5. None of the above

62. Which of the following words can appropriately fill the **blank 2**?
1. avail   2. probe
3. screw   4. challenge
5. None of the above

63. Which of the following words can appropriately fill the **blank 3**?
1. quality   2. degree

3. configuration   4. investigation
5. None of the above

64. Which of the following words can appropriately fill the **blank 4**?
1. flooded   2. deluge
3. inundated   4. Both (1) and (3)
5. None of the above

65. Which of the following words can appropriately fill the **blank 5**?
1. fissures   2. patrons
3. losses   4. role
5. None of the above

66. Which of the following words can appropriately fill the **blank 6**?
1. perturbing   2. taint
3. contaminated   4. polluting
5. None of the above

67. Which of the following words can appropriately fill the **blank 7**?
1. imminent   2. impending
3. sully   4. Both (1) and (2)
5. None of the above

68. Which of the following words can appropriately fill the **blank 8**?
1. tabled   2. suggests
3. offers   4. introducing
5. None of the above

69. Which of the following words can appropriately fill the **blank 9**?
1. thriving   2. moribund
3. burgeoning   4. Both (1) and (2)
5. None of the above

70. Which of the following words can appropriately fill the **blank 10**?
1. dereliction   2. appal
3. undoing   4. repercussion
5. None of the above

G.K

71. India's total foreign exchange (Forex) reserves stand at around US$453 billion as on 06 December 2019. The Foreign exchange of India is kept with _____
1. SBI   2. ECGC
3. RBI   4. NABARD
5. Finance Ministry

72. Which of the following instruments is not a Negotiable Instrument, as per NI Act, 1881?
1. Bills of Exchange   2. Letter of credit
3. Bank Draft   4. Promissory Notes
5. Cheque

73. Deposits under Foreign Currency Non-Resident (FCNR) scheme can be accepted for a minimum of _____
1. 15 days   2. 3 months
3. 6 months   4. 1 year
5. 10 years

74. One of the State Government avails of a temporary financial assistance from Reserve Bank of India. This type of finance is called _____?
1. Overdraft
2. Temporary loan
3. Short term finance
4. Ways and Means advance
5. None of the given options is true

75. Which of the following forms of securing a loan is the safest one?
1. Lien
2. Assignment
3. Pledge
4. Hypothecation
5. Mortgage

76. When banks accept a fixed sum of money from an individual for a definite term and pay on maturity with interest, the deposit is known as-?
1. demand deposit
2. term deposit
3. bond
4. mortgage
5. advance

77. Which of the following public sector banks has celebrated it centenary year in 1965?
1. Central Bank of India
2. Allahabad Bank
3. State Bank of India
4. Bank of Maharashtra
5. Bank of Baroda

78. The primary function of a central co-operative bank is-?
1. to channelize the flow of funds from the State cooperative banks
2. mobilize the resources in the district for financing its members to the maximum extent possible
3. funds of the bank consist of share capital, deposits, loans and overdrafts from state co-operative banks and joint stocks.
4. All of the above
5. None of the above

79. Which of the following Bank in 2012 has celebrated its 30th year of continuous service?
1. RBI
2. SIDBI
3. Central Bank of India
4. NABARD
5. SBI

80. Which of the following organizations/agencies works solely to monitor and arrange flow of agriculture credit in India?
1. NABARD
2. SIDBI
3. RBI
4. SEBI
5. IRDAI

81. The RBI has decided to stop circulation of the coin of which of the following denominations from June 2011?
1. 50 paise
2. Rs 1
3. Rs 2
4. 25 paise
5. Rs. 5

82. Insurance companies in India are regulated by-?
1. RBI
2. AMFI
3. SEBI
4. IRDAI
5. NABARD

83. Department of Economic Affairs is part of which of the following Ministry?
1. Ministry of Home Affairs
2. Ministry of Planning
3. Ministry of Finance
4. Ministry of Heavy Industries & Public Enterprises
5. Ministry of Rural Development

84. The currency notes of which of the following denominations are not printed in India?
1. Rs 5
2. Rs 10
3. Rs 50
4. Rs 100
5. Rs 2,500

85. Union Budget which is presented every year in the parliament is also known as-?
1. Government Budget
2. Common Budget
3. General Budget
4. Finance Report of the year
5. Statement of Allocation of funds

86. A _____ is a loan in which property or real estate is used as collateral.
1. Mortgage
2. Assets
3. Balance Sheet
4. Ledger
5. None of the above

87. RBI issued its first banknote in January 1938 bearing the portrait of George IV. What was its denomination?
1. Rs. 5
2. Rs. 10
3. Rs. 1
4. Rs. 2
5. Rs. 20

88. The tax payer's data flows directly from banks to Tax Information Network (TIN). Who maintains TIN?
1. RBI
2. National Securities Depository Ltd
3. National Securities Defense Ltd
4. Enforcement Directorate
5. CBDT

89. Which of the following is not included in CAMELS-?
1. Capital Adequacy and Asset Quality
2. Management and Earning Performance
3. Employees Performance
4. Liquidity and Systems
5. None of the given options is true

90. When were banknotes in the Mahatma Gandhi Series introduced?
1. 1991
2. 1995
3. 1996
4. 2000
5. 1997