Reasoning Ability

1. **Find the missing number from the given responses:**
   3, 8, 23, 68, 203,?
   (a) 846   (b) 967
   (c) 608   (d)1081
   (c) 657

2. **Find the missing number from the given responses** 1369, 6916, 6913, 3691,?
   (a) 9163   (b) 6391
   (c) 1369   (d) 9613
   (c) 2342

3. **Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?** _
   n m m n _ _ m m n n _ m m n n _
   (a) n n m n n   (b) n n m n m
   (c) m n n m   (d) n m n n m
   (c) m m n n

4. **Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it ?** a _
   bba _ aab _ aa _ abba _
   (a) bacba   (b) bbaaa
   (c) aabba   (d) aabaa

Direction. (Qs 5-10) *comprises of a series in which one of the terms is wrong. The correct term is given as one of the alternatives under it find the correct term to replace the wrong term.*

5. 17, 27, 39, 53, 68, 87, 107
   (a) 39   (b) 87
   (c) 69   (d) 23
   (c) 37

6. 7, 56, 504, 5040, 55440, 665180, 8648640
   (a) 55440   (b) 504
   (c) 665280   (d) 5040
   (c) 765

7. 4, 2, 9, 3, 16, 4, 25
   (a) 9   (b) 2
   (c) 16   (d) 4
   (c) 25

8. 5, 20, 40, 240, 620, 2880, 8640
   (a) 2880   (b) 60
   (c) 240   (d) 720
   (c) 8640

9. If 5 x 3 x 9 = 395 and 9 x 7 x 5 = 759, than 7 x 6 x 4 = ?
   (a) 674   (b) 476

   (c) 467   (d) 764
   (c) 654

10. If 4 x 9 x 3 x 6 = 6493 and 2 x 8 x 1 x 8 = 8281, than 3 x 8 x 5 x 7 = ?
    (a) 3875   (b) 7385
    (c) 5873   (d) 3578
    (c) 4563

Direction. (Qs 11-16) *In this type of questions two words are given. There words are related to each other in some way. The candidates are required to get the idea of relationship of these two words and choose the words for the third from the alternatives based on the same relationsnip.*

11. **Dark : Evening :: Light : ?**
    (a) day   (b) morning
    (c) night   (d) noon
    (e) afternoon

12. **Dark : Night :: Light : ?**
    (a) Noon   (b) morning
    (c) Day   (d) Evening
    (e) afternoon

13. **DRIVEN : EIDRVN :: BEGUM: ?**
    (a) UEBGM   (b) EUBGM
    (c) BGMEU   (d) BGMUE
    (e) BMGEU

14. **DE : 10 :: HI : ?**
    (a) 17   (b) 20
    (c) 36   (d) 46
    (e) 40

15. **Given set : 8, 3, 2**
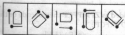   (a) 95, 24, 5   (b) 63, 8, 3
    (c) 168, 15, 4   (d) 10, 6, 5
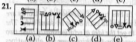   (e) 4, 168, 5

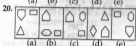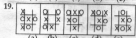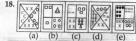16. **Given set : 8 , 9 , 10**
    (a) 1, 3, 5   (b) 6, 8, 10
    (c) 7, 10, 13   (d) 23, 25, 27
    (e) 5, 8, 14

Direction. (17-21) *Each of the five prblem figures drawn below also act as the Ansawe Figures. Four of the five are alike in a certain way and from a group. The number of that figure which does not belong to the group is your answer.*

17.

(a)   (b)   (c)   (d)   (e)

18. (a) (b) (c) (d) (e)

19. (a) (b) (c) (d) (e)

20. (a) (b) (c) (d) (e)

21. (a) (b) (c) (d) (e)

Directions–22 to 25. Each of the following questions is following by four/five alternatives out of which one is different from the rest.

22.
(a) Sword   (b) Dagger
(c) Rifle   (d) Knife
(e) Saw

23.
(a) Violin   (b) Veena
(c) Sitar   (d) Saxophone
(e) Tabla

24.
(a) Kerala   (b) Karnataka
(c) Andhra   (d) Jammu
(e) Goa

25.
(a) Plant   (b) Root
(c) Stem   (d) Leaf
(e) Flower

26. Out of the five numbers given below, there are alike in a certain way but one is different choose the one which is different from the rest three.
(a) 136   (b) 244
(c) 324   (d)514
(e) 145

27. If code for 'APPLE' is 'BQQMF' then what will be code for 'SCHOOL' ?
(a) TDIPPN   (b) TDIPPM
(c) TDIPOM   (d) TDIOPM
(e) TDIPPM

28. If BROTHER is coded as ZPMFFCP then decode or the actual word for DYRFCP:
(a) SISTER   (c) FATHER
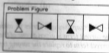(c) MOTHER   (d) NEIGHBOUR
(e) BROTHER

29. If INDUS is coded as 03865 and TENNIS is coded as 243305 then how can STDENT be coded?
(a) 5268243   (b) 5268432
(c) 5648324   (d) 5648232
(e) 5233284

30. If mtco uso tingo stands for sofer than flower; tingo rho mst stands for sweet flower fragrance and mst scot mp stands for sweet than smile what would fragrance stand for ?
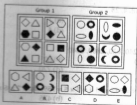(a) rho   (b) mst
(c) tmp   (d) sco
(e) osc

31. In a certain code language, pit nae tom mens apple is green; nae ho tap means green and white and hot tom ka means shirt is white. Which of the following represents apple in that language ?
(a) nae   (b) tom
(c) pit   (d) ka
(e) hot

32. In a certain language, pre nat bis means smoking is harmful, vog dor nat means avoid harmful habit, and dor bis yel means please avoid smoking. Which of the following means habit in that language ?
(a) vog   (b) nat
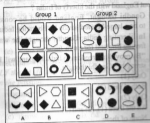(c) dor   (d) bis
(e) None of these

33. Which symbol in the Answer Figure completes the sequence in the Problem Figure ?
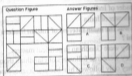

34. Which of the Answer Figures belongs in neither group?

35. Which of the Answer Figures belongs in neither group?

Group 1

Group 2

A   B   C   D   E

36. Which of the Answer Figures fits the missing space in the Question Figure?

Question Figure   Answer Figure

Direction 37-40. Which one of the given response would be a meaningful order of the following.

37. 1. Thread 2. Cotton 3. Soil 4. Cloth 5. Rag
(a) 3,2,1,4,6,5 (b) 3,6,2,1,4,5
(c) 2,6,3,1,5,4 (d) 1,2,3,4,5,4
(e) 2,5,4,3,1,6

38. 1. Yarn 2. Sowing 3. Cotton 4. Fertilizer 5. Cloth
6. Seed
(a) 4,2,6,3,1,5 (b) 4,6,2,1,3,5
(c) 4,1,6,3,5,2 (d) 4,6,2,3,5,1
(e) 4,6,1,5,3,2

39. 1. Study 2. Books 3. Examination 4. Student
5. Result
(a) 4,2,3,1,5 (b) 4,2,1,3,5
(c) 2,1,4,3,5 (d) 2,3,1,4,5
(e) 2,1,3,5,4

40. 1. Cure 2. Doctor 3. Disease 4. Student
5. Result
(a) 4,3,2,5,1 (b) 2,4,3,5,1
(c) 4,3,2,5,1 (d) 4,3,2,1,5
(e) 5,3,4,1

Directions—(Q. 41–50): *Read the following passage carefully and answer the questions given below it. Certain words are given in **bold** to help you to locate them while answering some of the questions.*

Gandhi never urged anyone to **renounce** wealth or power. He taught a set of values that might make happiness less dependent on material possession. "As long as you desire inner help and comfort from anything, you should keep it; he suggested tolerantly. Otherwise, he said, you might renounce a worldly asset in a mood of self-sacrifice or out of a stern sense of duty but want it back and suffer. "Only give up a thing," he wrote, "when you want some other condition so much for the thing no longer has any attraction for you, or when it seems to interfere with that which more greatly desired.' In such a spirit, a family might give up living in a city and reside in communion with nature, or a man might relinquish government office or a business to be his own master, do his own work, and grow.

"I whole-heartedly detest', Gandhi declared, 'this mad desire to destroy distance and time, to **increase** animal appetites, and to go to the ends of the earth in search of their satisfaction. None of this is taking the world a step nearer its goal.

When I told him in 1946 that he ought to go to the west and teach his doctrine, he replied, "why does the west need me to teach them that two times two are four ?" His preoccupation was that the western world knew the truth but, being enslaved to things, would not rise to the defence of principles of this involved a risk to a job, public **approval**, personal safety, economic security or life. He himself paid for his principles by going to jail, by inviting death, by courting poverty-and it made him in the coin of the spirit which was the only currency he valued.

Gandhi is known for his successful efforts to liberate India. Actually for him the development of the Indian into a freeman was more important than the feeling of India. Most of Gandhi's followers in India were as Gandhian and did not share his ideals; they merely accepted his leadership because it smoothed the way to their objective which was an Indian Nation without the British but with all the usual attributes of Nationhood. For them, Indian independence was an end; a goal in itself; for him it was a means to a better man and a better life; and because his heart was heavy with doubts whether these purposes would be furthered by the manner in which independence was achieved—was bleeding children torn violently from the body of Mother India—he did not celebrate on August 15, 1947. The day the Indian Nation came into his own world, he was sad and refused congratulations.

Gandhi was a nationalist, he loved India, but he was no Indomaniac, he said he would not hurt England to help India. All the years he fought British-Boer racial **discrimination** in South Africa and British imperialism in India. He never despised or reviled the enemy. He wanted to understand them. The British in India

were victims of their past and their caste system; in liberating India Gandhi thought he was also forcing England for a new future.

41. What did Gandhi not press any one earnestly to give up?
(a) Gandhi did not say to anyone to disown luxury things
(b) He did not ask anyone to cast off his costly clothes
(c) Gandhi never urged anyone to give up riches and authority
(d) He never pressed anyone to stay at home
(e) Gandhi never forced anyone to donate everything

42. Which of the following is the meaning of Gandhi to us to make happiness less dependent on physical things?
(1) 'Only give up a thing', he wrote, 'when you want some other condition so much that the thing no longer has any attraction for you, or when it seems to interfere with that which is more greatly desired; In such a spirit, a family might give up living in a city and reside in communion with nature, or a man might relinquish government office or a business to be his own master, to do his own work, and grow
(2) He announced, "I wholy heartedly detest, this mad desire to destroy distance and time, to increase animal appetites, and to go to the ends of the earth in search of their satiety. None of this is taking the world a step nearer its goal.
(3) 'Perhaps', the Indian poet Ravindranath Tagore wrote of Gandhi, "He will not succeed. Perhaps he will fail as the Buddha failed and as Christ failed to wean man from their iniquities, but he will always be remembered as one who made his life a lesson for all ages to come"
(a) Both (1) and (2)
(b) Only (3)
(c) Both (2) and (3)
(d) Only (2)
(e) None of these

43. What did Gandhi reply when the narrator told him to introduce his doctrine to the west in the year mentioned in the passage?
(a) Why should I go to the west to teach them?
(b) Why does the west need me to teach them two and two make four?
(c) Who does not know, two and two are four?
(d) The western people know everything
(e) None of these

44. Which of the following is Not true in the context of the passage?
(a) Gandhi is known for his successful efforts to liberate India
(b) Gandhi was nationalist, he loved India, but he was no Indomaniac
(c) Most of Gandhi's followers in India were not Gandhians and did not share his ideals
(d) Gandhi was not interested in the liberty of India but in helping the Britons

(e) Gandhi never urged anyone to give up riches and authority

45. According to the narrator, what was the thought of Gandhi about England with the liberty of India?
(1) Gandhi thought, England would be considered to be a large-hearted nation by liberating India.
(2) In liberating India, Gandhi thought, he was also freeing England for a new future.
(3) "By providing freedom to India England will lose its strength," Gandhi thought.
(a) Only (1)
(b) Only (2)
(c) Only (3)
(d) All the three (1), (2) and (3)
(e) None of these

46. Gandhi was a nationalist but he was no—
(a) citizen of India
(b) well thought of India
(c) Indomaniac
(d) leader of India
(e) follower of India

47. What was the main interest of Indian leaders to follow Gandhi?
(1) They were Gandhian in political matters.
(2) They were true followers of Gandhian thoughts.
(3) They only followed him because it smoothed the way to their objectives.
(a) Both (1) and (2)
(b) All the three (1), (2) and (3)
(c) Both (2) and (3)
(d) Only (3)
(e) None of these

48. What did Gandhi fight all the years but he did not hate or abuse them (Britishers) in the context of passage?
(a) British-Boer racial discrimination in South Africa and British imperialism in India
(b) Missionary activities in India
(c) He fought against untouchability prevailing in India
(d) For keeping peace in India
(e) None of these

49. Why did Gandhi not celebrated 15th August, 1947 as Independence-Day and accept sympathetic pleasures?
(a) Due to great blood shed
(b) He didn't want to see India free
(c) Two bleeding children torn violently from the body of mother India", he saw
(d) He wanted to make Mr. Jinnah first Prime Minister of India
(e) None of these

50. Why did Gandhi not dislike British imperialists strongly and rebuke them?

(a) He did not suppose them wrong
(b) He wanted to understand them
(c) He was kind enough to be,
(d) He was a man of scientific
(e) None of these

Directions—(Q. 51-53): Choose the word which is MOST NEARLY the SAME in MEANING as the word given in bold as used in the passage.

51. renounce
(a) leave   (b) disown
(c) throw   (d) rid
(e) east

52. increase
(a) grow   (b) develop
(c) greater   (d) enlarge
(e) enhance

53. approval
(a) accord   (b) commit
(c) commendation   (d) agree
(e) sanction

Directions—(Q. 54-55): Choose the word which is MOST OPPOSITE in MEANING of the word given in bold as used in the passage.

54. attributes
(a) non-assignments (b) degradation
(c) distribute   (d) distributes
(e) vices

55. discrimination
(a) similar   (b) indivisible
(c) equality   (d) imbalance
(e) balanced

Directions—(Q. 56-60): Read each sentences to find out whether there is any grammatical error in it. The error, if any, will be in one part of the sentence. The letter of that part is the answer. If there is no error, the answer is (d). No Error (Ignore the errors of punctuation, if any).

56. In last fifty years, there always have been disputes(a)/ regarding the numbers of deaths (b)/caused by the two atom bombs (c)/droppingon Hiroshima and Nagasaki (d). No Error (e)

57. Am I doing something (a)/which disrespects (b)/or violated some other (c)/creature's right to live and live freely(d). No Error (e)

58. By words, expression (a)/ communication (b)/we can influence the minds of others (c)/ and leave lasting impressions (d).No Error (e)

59. The weather exhausted (a)/body's energy because of which (b)/the Jawans can die (c)/small injuries or be frozen to death (d). No Error (e)

60. The centuries rolled by, empires rose and fell, and as the life blood (a)/of the mighty Moughal empired drained away, (b)/ucknawha passed under the supremacy (c)/of the Afghan adventurer, Ahmad Shah Durani in 1752 (d). No Error (e)

Directions—(Q. 61-65): Which of the phrases (a), (b), (c) and (d) given below should replace the phrase given in bold in the following sentences to make the sentence grammatically correct ? If the sentence is correct as it is and there is 'No Correction required' mark (e) i.e. 'No Correction Required' the answer.

61. But to the rest, economic constraint is the most powerful motivator for a small family.

(a) But of the rest
(b) But for the rest
(c) But from the rest
(d) But off the rest
(e) No Correction Required

62. To a Muslim, it is the culmination of humanity's religious quest.

(a) Of a Muslim
(b) From a Muslim
(c) For a Muslim
(d) About a Muslim
(e) No Correction Required

63. The worst sufferers are the students who have to study in candle light at **night in the examination** days.

(a) for the examination days
(b) on the examination days
(c) within the examination days
(d) during the examination days
(e) No Correction Required

64. But when we hit the I.T.O. crossing, we found a stream of vehicles standing **in front of us**.

(a) in front of
(b) at the front of
(c) off the front of
(d) at the fore of
(e) No Correction Required

65. Indian democracy has seen many **up and down** in the last 49 years

(a) ups and downs
(b) down and up
(c) upper and lower
(d) up and tow
(e) No Correction required

Directions—(Q. 66-70) *In each sentence below, four words printed in bold type are given. These are lettered as (a), (b), (c) and (d). One of them may be wrongly spelt or inappropriate in the context of the sentence or grammatically incorrect. The letter of that word is the answer. If there is no error of any of the above types, the answer is (e) i.e. 'All Correct'.*

66. It is seen that **continuous** (a)/ **disappearance** (b)/ of the **forests** (c)/ is **indeed** given (d)/ All Correct (e)

67. **Forests** (a)/ are being cut for giving place to **producing** (b)/ food and **establishing** (c)/ **factories** (d)/ All Correct (e)

68. **Panthers**, elephants, lions, **snakes**, **whales** (a)/ crocodiles and **dolphins** (b)/ etc. are being **haunted** (c)/ for meeting out the demands of fashion **crazy** people (d)/ All Correct (e)

69. The **communal** (a)/ riots of 1984, after **assassination** (b)/ of Mrs. Indira Gandhi still haunt (c)/ the **tragic** memory of the nation (d)/ All Correct (e)

70. When I was sitting (a)/ with my eyes **closed,** ((b) I was **reminded** (c)/ of Arjun's request to Lord Krishna (d)/ All Correct (e)

Direction—(Q. 71-75). *Rearrange the following SIX sentences (1), (2), (3), (4), (5) and (6) in the proper sequence to form a meaningful paragraph; then answer the questions given below them.*

1. Similarly, street lights must be switched on when it is really dark.

2. Cookers, refrigerators, TV's, etc. must be switched off when they are not used.

3. For example, we must switch it off in the room from which we come out.

4. So, we must use it when it is necessary and unavoidable.

5. All perhaps know that electricity saved is electricity produced.

6. At the same time, I would like to add that we must check the misuse of electricity in every way.

71. **Which of the following is the FIFTH sentence after rearrangement?**
   (a) 1 (b) 2
   (c) 4 (d) 5
   (e) 6

72. **Which of the following is the SIXTH sentence after rearrangement?**
   (a) 3 (b) 2
   (c) 1 (d) 4
   (e) 5

73. **Which of the following is the THIRD sentence after rearrangement?**
   (a) 1 (b) 5
   (c) 4 (d) 3
   (e) 2

74. **Which of the following is the FIRST sentence after rearrangement?**
   (a) 1 (b) 2
   (c) 3 (d) 4
   (e) 5

75. **Which of the following is the FOURTH** sentence after rearrangement?
   (a) 1 (b) 2
   (c) 3 (d) 4
   (e) 5

Directions—(Q. 76-80): *In the following passage there are blanks each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested one of which fits the blank appropriately. Find out the appropriate word in each case.*

I found it very ...(76)... when I saw a taxi-driver demanding Rs. 200 from ...(77)... American tourist for distance of just 5 kms. I interviewed and set him right. The foreigner thanked me and offered to have an exchange of ...(78)... over a cup of tea. While I told him about ...(194)... education system here, he ...(80)... us about america's space programme and the complete equality of sexes. He was very keen to know more on gandhian thought and spiritualism. Then the discussion turned to eating habits we came to know about American's love for ice-creams and junk food. We also talked on American English and slangs. It was rewarding experience.

76. (a) disgraceful (b) irritating
    (c) displeasing (d) bad
    (e) insulting

77. (a) the (b) that
    (c) a (d) an
    (e) this

78. (a) ideas (b) feelings
    (c) views (d) thinking
    (e) thoughts

79. (a) an (b) the
    (c) their (d) a
    (e) our

80. (a) enlightened (b) introduce
    (c) narrated (d) acknowledged
    (e) None of these

Quantitative Aptitude

81. A mixture contains alcohol and water in the ratio 4:3. If 5 liters of water is added to the mixture, the ratio becomes 4:5. Find the quantity of alcohol in the given mixture.
   (a) 08 Liters (b) 10 Liters
   (c) 18 Liters (d) 20 Liters
   (e) 22 Liters

82. If 0.75 × 15, then x is equal to:
(a) 1.12   (b) 1.16
(c) 1.20   (d) 1.30
(e) 1.18

83. It was calculated that 75 men could complete a piece of work in 20 days.When work was scheduled to commence, it was found necessary to send 25 men to another project. How much longer will it take to complete the work?
(a) 20   (b) 40
(c) 50   (d) 60
(e) None of these

84. A student divided a number by 2/3 when he required to multiply by 3/2. Calculate the percentage of error in his result.
(a) 0 %   (b) 10 %
(c) 9%   (d) 11 %
(e) None of these

85. An article is sold at certain price. By selling it at 2/3 of its price one losses 10%, find the gain at original price?
(a) 42%   (b) 57%
(c) 20%   (d) 35%
(e) None of these

86. A tradesman sold an article at a loss of 20%, if the selling price has been increased by Rs100, there would have been a gain of 5%, what was the cost price of the article?
(a) 290   (b) 350
(c) 400   (d) 167
(e) None of these

87. Find the average of all prime numbers between 30 and 50?
(a) 37.50   (b) 39.8
(c) 37.75   (d) 23.33
(e) None of these

88. Find the average of first 40 natural numbers?
(a) 27.5   (b) 19.8
(c) 20.05   (d) 12.23
(e) None of these

89. Sachin purchase 20 dozens of toys at the rate of 375 Rs per dozen. He sold each one of them at the rate of Rs 33. What was his percentage profit?
(a) 5.6%   (b) 7.12%
(c) 9%   (d) 4.5%
(e) None of these

90. If Rs. 10 be allowed as true discount on a bill of Rs. 110 due at the end of a certain time, then the discount allowed on the same sum due at the end of double the time is:
(a) Rs. 18.33   (b) Rs. 24.19
(c) Rs. 31.07   (d) Rs. 7.76
(e) None of these

91. A discount dealer professes to sell his goods at cost price but uses a weight of 960 gms for a kg weight. Find his gain %?
(a) 14%   (b) 17%
(c) 23%   (d) 32%
(e) None of these

92. If the sum of a number and its square is 182, what is the number?
(a) 13   (b) 21
(c) 52   (d) 91
(e) 64

93. Three times the first of three consecutive odd integers is 3 more than twice the third. The third integer is:
(a) 15   (b) 11
(c) 21   (d) 23
(e) 9

94. Twenty times a positive integer is less than its square by 96. What is the integer?
(a) 20   (b) 22
(c) 24   (d) 26
(e) None of these

95. A man has some hens and cows. If the number of heads be 48 and the number of feet equals 140, then the number of hens will be:
(a) 22   (b) 23
(c) 24   (d) 26
(e) 25

96. Village X has a population of 68000, which is decreasing at the rate of 1200 per year. Village Y has a population of 42000, which is increasing at the rate of 800 per year. In how many years will the population of the two villages be equal?
(a) 22 years   (b) 16 years
(c) 13 years   (d) 7 years
(e) 11 years

97. A man has Rs. 480 in the denominations of one-rupee notes, five-rupees notes and ten-rupee notes. The number of notes of each denomination is equal. What is the total number of notes that he has?
(a) 45   (b) 60
(c) 75   (d) 90
(e) 55

98. Sixty five percent of a number is 21 less than four fifth of that number. What is the number?
(a) 90   (b) 140
(c) 120   (d) 170
(e) None of these

99. In an election between two candidates, 75% of the voters cast their votes, out of which 2% of the votes were declared invalid. A candidate got 9261 votes which were 75% of the total valid votes. Find the total number of votes enrolled in that election.

(a) 9000 (b) 15680
(c) 16800 (d) 15000
(e) None of these

100. If the numerator of a fraction be increased by 15% and its denominator be diminished by 8% , the value of the fraction is 15/16. Find the original fraction.
(a) 5/4 (b) 7/2
(c) 2/3 (d) 4/3
(e) 2.25

101. A mixture contains alcohol and water in the ratio 4:3. If 5 liters of water is added to the mixture, the ratio becomes 4:5. Find the quantity of alcohol in the given mixture.
(a) 08 Liters (b) 10 Liters
(c) 18 Liters (d) 22 Liters
(e) 35 liters

102. If 0.75 : x :: 5:8, then x is equal to:
(a) 1.12 (b) 1.20
(c) 1.25 (d) 1.30
(e) 2.25

103. If Rs. 782 be divided into three parts, proportional to 1/2:2/3:3/4, then the first part is?
(a) Rs. 182 (b) Rs. 190
(c) Rs. 196 (d) Rs. 204
(e) Rs. 305

104. Two numbers are in the ratio of 15:11. If their H.(o)F. is 13, find the numbers.
(a) 122 and 80 (b) 87 and 190
(c) 195 and 143 (d) 101 and 123
(e) None of these

105. The H.(o)F. of two numbers is 11 and their L.(o)M. is 693. If one of the numbers is 77,find the other.
(a) 80 (b) 57
(c) 63 (d) 99
(e) 96

106. Find the greatest possible length which can be used to measure exactly the lengths 4 m 95 cm, 9 m and 16 m 65 cm.
(a) 45 cm (b) 57 cm
(c) 63 cm (d) 72 cm
(e) 33 cm

107. Walking at the rate of 4kmph a man cover certain distance in 2hr 45 min. Running at a speed of 16.5 kmph the man will cover the same distance in.
(a) 12 min (b) 25 min
(c) 40min (d) 60 min
(e) 33 min

108. A train covers a distance in 50 min, if it runs at a speed of 48kmph on an average. The speed at which the train must run to reduce the time of journey to 40min will be

(a) 45 min (b) 60 min
(c) 75 min (d) 34 min
(e) None of these

109. Two boys starting from the same place walk at a rate of 5kmph and 5.5kmph respectively. What time will they take to be 8.5km apart, if they walk in the same direction?
(a) 17 hrs (b) 25 hrs
(c) 31 hrs (d) 43 hrs
(e) 55 hrs

110. The sum of two consecutive numbers is 55, which is the largest number?
(a) 25 (b) 28
(c) 26 (d) 27
(e) 21

111. When a shop keeper sold 2/3 of an item, he got the cost price of the whole lot. What is the percentage of his profit?
(a) 33 1/8 % (b) 66 2/3 %
(c) 25 % (d) 50 %
(e) None of these

112. The perimeter of a rectangular field is 480 meters and the ratio between the length and breadth is 5:3. The area of the field is:
(a) 7,200 m² (b) 15,000 m²
(c) 54,000 m² (d) 13,500 m²
(e) 11.500 m²

113. If you add 100 to a certain number, the result will be more than, if you multiply that number by 1000 what is that number?
(a) 1.5 (b) 1.0
(c) 2.5 (d) 2.0
(e) None of these

114. A student has to secure 40 % marks to pass. He gets 150 marks and fails by 30 marks. What is the maximum marks?
(a) 400 (b) 500
(c) 475 (d) 450
(e) 345

115. The circumcentre of an obtuse triangle will always be in the
(a) Interior of the triangle
(b) Midpoint of the diameter
(c) Exterior of the triangle
(d) Midpoint of the side of the triangle
(e) None of these

116. What is the degree measure of a semicircle?
(a) 360 (b) 90
(c) 270 (d) 180
(e) 45

117. Which among the following is the point of intersection of the medians of a triangle?
(a) Circumcentre
(c) Orthocenter
(e) Choice (a) and (b)
(b) Centroid
(d) Incentre

118. The height of a cone and its base diameter are equal. If the base radius is 'r' what is its slant height?
(a) 3r
(c) 5r
(e) None of these
(b) 4r
(d) √5 r

119. The radii of two spheres are in the ratio 2:3. What is the ratio of their surface areas?
(a) 2:3
(c) 4:27
(e) 3:7
(b) 4:9
(d) 4:6

120. What is the common ratio of the progression 372, 6, 672 ?
(a) 12
(c) 11
(e) None of these
(b) 6
(d) 7

121. As we know the Government of India has notified certain new rules to calculate Income Tax on various perks like accommodation, and conveyance etc. being given by employers to their salaried employees. The new rules will replace which of the following taxes which has been abolished now ?
(a) Capital Gains Tax
(b) Sales Tax
(c) Cash Transaction Tax
(d) Fringe Benefit Tax
(e) None of these

122. Dr. K. Radhakrishnan has taken over as the Chief of—
(a) Electronics Commission
(b) Indian Space Research Organisation
(c) Atomic Energy Commission of India
(d) Deputy Governor of Reserve Bank of India
(e) None of these

123. As per the guidelines issued by the RBI, banks are preparing for a service which will allow customers to withdraw upto Rs. 1,000 using their debit cards from notified shops/stores at one of the country. All such shops/stores will have 'POS' terminals for the same. What is full form of the 'POS' ?
(a) Payment on Sale
(b) Power of Sale
(c) Point of Sale
(e) None of these
(d) Payment Order Service

124. The working group set up by the RBI has suggested the launch of an Emergency Fund Facility Scheme for banks. This scheme will help which of the following types of banks?
(a) Public Sector Banks
(b) Small Banks
(c) Urban Cooperative Banks
(d) Private Banks
(e) Foreign Banks

125. As published in major newspapers public sector banks have asked the Government of India to provide more funds for 'Capital Infusion'. How much is the need of PSBs collectively for the purpose ? (Rs. in crores)
(a) Rs. 10,000
(c) Rs. 20,000
(e) Rs. 30,000
(b) Rs. 15,000
(d) Rs. 25,000

126. Who amongst the following has purchased about 200 tonnes of gold from International Monetary Fund (IMF) in 2012 ?
(a) Infrastructure Finance Company Ltd.
(b) Bombay Stock Exchange of India
(c) Gold Council of India
(d) Reserve Bank of India
(e) None of these

127. One of the major emphasis of Basel II is that banks should have—
(a) Adequate Capital Adequacy Ratio
(b) Only few branches in urban centres
(c) More and more branches in rural areas
(d) Core banking mode of operation
(e) All the above to comply with Basel II norms

128. As per the reports published by various agencies/organizations, it is estimated that around 3 billion extra people will join our existing population of 6 billion by the year-2050. To provide food for all of them, a second round of which of the following initiatives is required to be started much in advance ?
(a) Green Revolution
(b) Planned Urbanisation
(c) Industrialisation
(d) Climate Migration
(e) All of these

129. Who amongst the following is the President of the European Union at present ?
(a) Catherine Ashton
(b) Mr. Jose Manuel Barroso
(c) Mr. Fredrik Reinfeldt
(d) Mr. Sergi Lavrov
(e) None of these

130. As per the reports published in various newspapers and journals almost all big nations are trying their best to resolve various disputes between the nations wherein either they are a party or because of that their peace and stability may be affected. Stability in

which of the following two nations is more vital to India than that of any other nations ?
- (a) Bangladesh and China
- (b) China and USA
- (c) Iraq and Russia
- (d) South and North Korea
- (e) Pakistan and Afghanistan

131. India's bilateral per annum trade with European Union at present is about—
- (a) 50 billion US $
- (b) 100 billion US $
- (c) 200 billion US $
- (d) 75 billion US $
- (e) 150 billion US $

132. Some world bodies/organisations/agencies are of the view that agriculture should adopt a 'Cross Disciplinary Approach', and take help of all types of sciences and studies. This approach will help in which of the following crucial problems being faced by humanity ?
- (a) Use of Genetically Modified Crop
- (b) Melting of glaciers
- (c) Food crisis
- (d) Climate change
- (e) None of these

133. An agreement between two nations or a group of nations establishes unimpeded exchange and flow of goods and services between/among trade partners regardless of national boundaries is called—
- (a) Import Free Agreement
- (b) Free Trade Agreement
- (c) Export Free Agreement
- (d) Special Economic Zone Agreement
- (e) None of these

134. Which of the following correctly describe what 'Carbon Credit' is ?
1. Credit permit to release one ton of carbon dioxide.
2. Providing loans to establish new production unit which can produce carbon dioxide for industrial use.
3. Finding out one new business which can use and recycle green house gases.
- (a) Only 3
- (b) Only 2
- (c) Only 1
- (d) All 1, 2 and 3
- (e) None of these

135. As per various reports issued by the UNO and other world bodies, agricultural and allied activities consume what percentage of global water resources every year ? About—
- (a) 15 per cent
- (b) 30 per cent
- (c) 50 per cent
- (d) 70 per cent
- (e) None of these

136. The Food and Agriculture Organisation (FAO) is a wing/agency of the—
- (a) World Bank
- (b) United Nations Organisation
- (c) Asian Development Bank
- (d) Ministry of Agriculture Govt. of India
- (e) None of these

137. As a policy, India does not encourage free movement of unskilled Labours from—
- (a) Gulf Countries
- (b) USA and South American Nations
- (c) European Union Nations
- (d) All these nations
- (e) None of these

138. The Government of India decided to disinvest its share in major public sector undertakings. How much of its share will be offloaded in this method ?
- (a) 2 per cent
- (b) 4 per cent
- (c) 8 per cent
- (d) 10 per cent
- (e) None of these

139. The United Nations Development Fund for Women (UNIFEM) is working in an Indian city to make it safe for women. Which of the following is that city ?
- (a) Pune
- (b) Kolkata
- (c) Delhi
- (d) Mumbai
- (e) Lucknow

140. At present the trade between India and China is in a state of 'Payment imbalance'. What does this mean in real terms ?
1. China does not import many items from India whereas India imports more from China.
2. China does not pay India in time and a lot of delay is reported by the exporters.
3. India wants all payments to be made in US Dollars whereas China pays in its own currency.
- (a) Only 1
- (b) Only 2
- (c) Only 3
- (d) All 1, 2 and 3
- (e) None of these

141. India has signed an agreement on climate change with which of the following countries recently ?
- (a) USA
- (b) Russia
- (c) United Kingdom
- (d) Australia
- (e) China

142. Some Scientists are of the opinion that extra agricultural production should be achieved without going for the cultivation of extra land and also without causing damage to essential eco-system. This concept, in other words, is known as—
- (a) Sustainable growth
- (b) Renewability of inputs
- (c) Global Melt down
- (d) Climate Migration
- (e) None of these

143. Mr. Z. E. A. Ben Ali has taken over as the President of—
(a) Tunisia
(b) Malaysia
(c) Indonesia
(d) Kuwait
(e) None of these

144. Which of the following is not a Government of India undertaking?
(a) Oil India Ltd.
(b) Sutlej Jal Vidyut Nigam Ltd.
(c) ICICI Bank
(d) National Thermal Power Corporation Ltd.
(e) Rural Electrification Corporation Ltd.

145. India shares its border with China along the Himalayan range. Which of the following states touches the border of China?
(a) Punjab
(b) Bihar
(c) Arunachal Pradesh
(d) Chhattisgarh
(e) All of these

146. Which of the following has been the growth of India's GDP during 2011-12 ?
(a) 5 per cent
(b) 5.5 per cent
(c) 6 per cent
(d) 6.5 per cent
(e) 7 per cent

147. Which of the following countries had launched a new 'Skill Development Initiative Scheme' so that the employability of its young people can be increased ?
(a) Ministry of Finance
(b) Ministry of Agriculture
(c) Ministry of Heavy Industry
(d) Ministry of Home Affairs
(e) Ministry of Labour and Employment

148. Sachin Tendulkar has recently become the first cricketer in ODI history to cross the milestone of—
(a) 10000 runs
(b) 12000 runs
(c) 15000 runs
(d) 17000 runs
(e) 20000 runs

149. The East Asia Summit took place in Hua Hin town. This is a town in—
(a) China
(b) Myanmar
(c) Cambodia
(d) Malaysia
(e) Thailand

150. What per cent of India's GDP is invested in providing education?
(a) 1 per cent
(b) 2.5 per cent
(c) 4 per cent
(d) 6 per cent
(e) None of these

151. India has recently gained the status of becoming the third largest producer of Steel in the world. Who is the largest producer?
(a) USA
(b) Russia
(c) Japan
(d) China

152. 'Dadaab Refugee Camp' which was in the news recently is located in which of the following countries?
(a) Sudan
(b) Iraq
(c) Pakistan
(d) Afghanistan
(e) Kenya

153. Which of the following countries objected to the Indian Prime Minister's recent visit to Arunachal Pradesh?
(a) Pakistan
(b) Nepal
(c) Myanmar
(d) Bhutan
(e) None of these

154. Which of the following not associated with climate change and/or Global Warming?
(a) Basel Norms
(b) Bali Meet
(c) Copenhagen Conference
(d) Kyoto Protocol
(e) Bangkok Meet

155. Which of the following terms is used in the game of Hockey ?
(a) Baseline
(b) Smash
(c) Drop
(d) Centre Forward
(e) None of these

156. Which of the following Genetically Modified vegetables is recently made available in India markets?
(a) Carrot
(b) Radish
(c) Brinjal
(d) Potato
(e) None of these

157. Each Nobel Prize winner gets an amount of 10 million Swedish—
(a) Kroner
(b) Dollar
(c) Yen
(d) Pound
(e) Euro

158. Which of the following not a plant product?
(a) Camphor
(b) Cinnamon
(c) Vanilla
(d) Kiwi
(e) All are plant products

159. Dr. Venkatraman Ramakrishnan is one of the recipients of the Nobel Prize in the field of—
(a) Physics
(b) Chemistry
(c) Medicine
(d) Economics
(e) Literature

160. As per the reports published in newspapers the Govt. of India has asked all the states to conduct a 'Social Audit' of each and every work of which of the following schemes ?
(a) National Rural Employment Guarantee Act
(b) Pradhan Mantri Gram Sadak Yojana
(c) Indira Aawas Yojana
(d) Rajiv Gandhi Grameen Vidyutikaran Yojana
(e) None of these

Computer Knowledge & Marketing Aptitude

161. The computer can understand and execute the language:
(a) System software (b) Machine language
(c) High level language (d) Low level language
(e) All of these

162. High level language c was invented by-
(a) Neumann (b) Pascal
(c) Dennis Ritchie (d) Donald knuth
(e) IBM

163. Computer add and compare data in-
(a) Memory chip (b) Floppy
(c) CPU (d) Hard disk
(e) CU

164. The term memory applies to:
(a) Input device (b) control
(c) Logic (d) storage
(e) Out put device

165. A byte is comprised of-
(a) four bits (b) 8 bits
(c) 16 bits (d) 32 bits
(e) 64 bits

166. It is a part of central processing unit:
(a) Key board (b) Mouse
(c) ALU (d) MICR
(e) OMR

167. A compiler:
(a) Produces object code
(b) Translates machine language into high level language
(c) Translates one statement at a time
(d) Translates two statements at a time
(e) Decodes the language

168. A half byte is known as:
(a) Bit (b) Data
(c) Nibble (d) Half byte
(e) None of these

169. VDU stands for:
(a) Visual display unit
(b) Video display unit
(c) Video display universe
(d) Visual depicting unit
(e) None of these

170. Printer commonly used for desk top publishing:

(a) Dot matrix (b) Inkjet
(c) Daisy wheel (d) Laser
(e) None

171. The computer as a machine and other equipments related with it are termed as:
(a) Software (b) hard ware
(c) Input device (d) Output device
(e) None of these

172. Ada is a/an
(a) High level programming language
(b) Automatic data processing
(c) Association of data processing
(d) Low level language
(e) None of these

173. C is a
(a) Structural language
(b) Non procedural language
(c) Procedural language
(d) None of these
(e) All of these

174. CPU comprises:
(a) RAM and ROM (b) ALU and RAM
(c) ALU and CU (d) RAM and CU
(e) All of these

175. The symbols used in binary system:
(a) 0.1 (b) 1.1
(c) 0.0 (d) 1.0
(e) 1.2

176. The language used for children and kids for drawing graphic line diagrams:
(a) PROLOG (b) LOGO
(c) COMAL (d) ALCOL
(e) none of these

177. The appropriate term for speed of CPU:
(a) Processing speed (b) Calculating speed
(c) Clock speed (d) None of these
(e) All of these

178. The device, utilized for connection of internet:
(a) Modem (b) Web browser
(c) Web site (d) LAN
(e) None of these

179. The hardware devices which are attached to computer additionally:
(a) Extra devices (b) Peripherals
(c) Output devices (d) Input devices
(e) None of these

180. The first modern computer was invented in:
- (a) 1965
- (b) 1950
- (c) 1960
- (d) 1946
- (e) 1956

181. Promotion in Marketing means—
- (a) Passing an examination
- (b) Elevation from one grade to another
- (c) Selling the products through various means
- (d) Selling the product in specific areas
- (e) None of these

182. Sources of Sales Leads are—
- (a) Data Mining
- (b) Market Research
- (c) Media Outlets
- (d) Promotional Programes
- (e) All of these

183. One of the methods for Market Monitoring is—
- (a) To watch TV serials
- (b) To discuss with other sales persons
- (c) To monitor media outlets
- (d) All of these
- (e) None of these

184. Market Expansion means—
- (a) Hiring more staff
- (b) Firing more staff
- (c) Buying more products
- (d) Buying more companies
- (e) None of these

185. Effective marketing helps in—
- (a) Developing new products
- (b) Creating a competitive environment
- (c) Building demand for products
- (d) All of these
- (e) None of these

186. A Call in Marketing means—
- (a) To phone the customers
- (b) To visit the customers
- (c) To visit the marketing site
- (d) To call on prospective customers
- (e) None of these

187. Delivery Channel means—
- (a) Maternity wards
- (b) Handing over the products to the buyers
- (c) Places where products are made available to the buyers
- (d) All of these

188. None of these

188. Processing involves—
- (a) Inputting data into a computer system
- (b) Transforming input into output
- (c) Displaying output in a useful manner
- (d) Providing relevant answers
- (e) None of these

189. One of the following is a target group for the marketing of Internet Banking.
- (a) All the customers
- (b) All the educated customers
- (c) All the computer educated customers
- (d) Only creditors
- (e) All of these

190. Innovation mean—
- (a) Product Designing
- (b) New ideas
- (c) Impulse
- (d) Both (a) and (B)
- (e) None of these

191. One of the following is a target group for the marketing of educational loan.
- (a) All the customers
- (b) Students
- (c) Only poor students
- (d) Students having promising educational track record
- (e) All of these

192. Service after sale is not the function of—
- (a) Marketing staff
- (b) Seller
- (c) Director of the company
- (d) Employees of the company
- (e) All of the above are wrong

193. If done through.........the rural marketing would be more effective.
- (a) Fairs
- (b) Village fairs
- (c) Door to door campaign
- (d) All of these
- (e) None of these

194. Market Survey means—
- (a) Market Research
- (b) Market Planning
- (c) Marketing Strategies
- (d) Market Monitoring

(e) All of these

195. A good seller should have the following quality/ qualities—
(a) Devotion to the work
(b) Submissive
(c) Sympathy
(d) All of these
(e) All are correct

196. The rural marketing is not required because—
(a) Rural people do not understand marketing
(b) Its not practical from the cost point of view
(c) It is sheer wastage of time
(d) All are wrong
(e) All are correct

197. Planned-cost service means—
(a) Costly products
(b) Extra profit on the same cost
(c) Extra work by seller
(d) All of these

(e) None of these

198. Internet marketing means—
(a) Self-marketing
(b) Core Groups moniering
(c) Employees marketing
(d) All of these
(e) None of these

199. The aim of successful marketing is—
(a) To increase the sale
(b) To increase the profit
(c) To increase the output of sellers
(d) All of these
(e) None of these

200. The marketing becomes......through networking.
(a) Very difficult
(b) Dull
(c) Easy
(d) Has no role in marketing
(e) None of these