PART - I
SECTION - 'A'
Test of Proficiency in English Language

Direction for Q. No. 1 to 5: Select the right word which gives the correct meaning of the work written in Capital Letters.

1. MARGINAL
   A) Austere     B) Severe     C) Insignificant     D) Adverse

2. DIRE
   A) Pessimistic B) Futile     C) Alarming     D) Fraudulent

3. INTRINSICALLY
   A) Fundamentally B) Virtually     C) Internally     D) Unavoidably

4. COMPROMISING
   A) Co-operating C) Adjusting     B) Reducing quality     D) Conciliating

5. INDICATIVE
   A) Causative B) Forthcoming     C) Verbal     D) Abstract

Direction for Q. No. 6 to 10: Some proverbs/idioms are given below together with their meanings. Choose the correct meaning of proverb/idiom.

6. To make clean breast of
   A) To gain prominence C) To confess without of reserve     B) To praise oneself     D) To destroy before it blooms

7. To catch a tartar
   A) To trap wanted criminal with great difficulty B) To catch the dangerous person C) To meet with disaster D) To deal with a person who is more than one's match

8. To cry wolf
   A) To listen eagerly C) To turn pale     B) To give false alarm     D) To keep off starvation

Space for rough work
9. To end in smoke
   A) To make completely understand
   B) To ruin oneself
   C) To excite great applause
   D) To overcome someone

10. To play second fiddle
    A) To be happy
    B) To reduce importance of one’s senior
    C) To support the role and view of another person
    D) To do back seat driving

**Direction for Q. No. 11 to 15:** Select the most suitable word (s) to fill in the blanks to make the sentence meaningfully complete.

11. The Ministry has ______ Banks to do away with their separate promotion policies, a move ________ by the Officers’ unions.
    A) directed, opposes
    B) regulated, opposed
    C) directed, strongly opposed
    D) orders, opposes

12. Sensex stands for
    A) Sensitive Index
    B) Index for sexual power
    C) A medicine for sensitivity
    D) Currency in Stock Exchange

13. The representative of Dena Bank sits ________ the representative of UCO Bank.
    A) to the immediate left of
    B) opposite left of
    C) exactly right of
    D) left over of

14. The Government should immediately ________ use of scanners/sonography on ________ mothers at all health centers to stop female infanticide.
    A) punishment, wicked
    B) completely ban, women
    C) completely ban, expectant
    D) completely ban, pregnancy

15. This software allows the user to move from page to page on the web by clicking on or ________ a hyperlink or by typing in the address of the destination page.
    A) underlining
    B) highlighting
    C) changing
    D) selecting
Direction for Q. No. 16 to 20: In the following questions choose the word which is the exact opposite of the given words.

16. QUIESCENT
   A) Active          B) Dormant          C) Weak          D) Unconcerned

17. HIRSUTE
   A) Scaly          B) Bald            C) Erudite        D) Quiet

18. CAPACIOUS
   A) Limited        B) Caring          C) Foolish        D) Changeable

19. EPILOGUE
   A) Dialogue       B) Prelude         C) Post Script    D) Epigram

20. SACROSANCT
   A) Irreligious    B) Unethical       C) Irreverent     D) Unholy

Choose the correct meaning of the idiom. (Q. No. 21 and 22)

21. To have an axe to grind
   A) A private end to serve
   C) To have no result
   B) To fail to arouse interest
   D) To work for both sides

22. To drive home
   A) To find one's roots
   C) Back to original position
   B) To return to place of rest
   D) To emphasize

Which of the phrases given below each sentence should replace the phrase printed in bold type to make it grammatically correct? (Q. No. 23 to 25)

23. The population of Tokyo is greater than that of any other town in the world.
   A) greater than all other
   C) greater than any other
   B) greater than those of any other
   D) no correction required

24. He is too important for tolerating any delay.
   A) to tolerate
   C) at tolerating
   B) to tolerating
   D) with tolerating

25. I need not offer any explanation regarding this incident – my behaviour is speaking itself.
   A) Will speak to itself
   C) Has been speaking
   B) Speaks for itself
   D) Speaks about itself

Space for rough work
SECTION – ‘B’
General Knowledge

26. The nuclear reactors which were damaged heavily due to strong Earthquake-cum-Tsunami that hit Japan on March 11, 2011 causing radiation leakage at
A) Fukushima
B) Tokyo
C) Kyoto
D) None of them

27. Which of the following is the most sensitive indicator of health of a community?
A) Birth rate
B) Infant mortality rate
C) Death rate
D) Maternal mortality rate

28. Which of the following is a direct tax?
A) Entertainment Tax
B) Estate Duty
C) Excise Duty
D) Sales Tax

29. National Income is estimated by
A) Central Statistical Organisation
B) Finance Commission
C) Planning Commission
D) Indian Statistical Institute

30. Banks in India were nationalized for the first time in the year
A) 1949
B) 1956
C) 1969
D) 1980

31. The WTO was established by the _______ of multilateral trade negotiations.
A) Kennedy round
B) Tokyo round
C) Uruguay round
D) Dillon round

32. Harihara and Bukka founded which Indian Kingdom/Dynasty?
A) Vijayanagar
B) Bahamani
C) Marathas
D) Tughluq

33. The Indian National Song was composed by
A) Rabindranath Tagore
B) Bankim Chandra Chatterji
C) Bal Gangadhar Tilak
D) Sarojini Naidu

Space for rough work
34. Losoong is a festival which is celebrated in
   A) Tibet  B) Karnataka  C) Sikkim  D) Kerala

35. The most important text of Vedic Mathematics is
   A) Atharva Veda
   B) Sulva Sutras
   C) Chandhoga Upanishad
   D) Satapatha Brahman

36. A Groupware is a
   A) Hardware  B) Software  C) Network  D) Firmware

37. Vasundhara Summit was held in
   A) USA  B) UK  C) Brazil  D) Australia

38. Which city receives the highest cosmic radiation amongst the following?
   A) Chennai  B) Mumbai  C) Kolkata  D) Delhi

39. MINT is a newly developed acronym for group of countries which are promising investment destination. Which of the following correctly represents MINT countries?
   A) Myanmar, India, Nepal and Thailand
   B) Mexico, Indonesia, Nigeria and Turkey
   C) Malaysia, Indonesia, Nigeria and Thailand
   D) Mexico, India, Nepal and Turkey

40. Who is the author of "The God of Small Things"?
   A) Nirmal C. Chaudhary  B) Paul Bayer  C) Arundhati Roy  D) Gerhard Fisher

41. Galvanized iron is coated with a thin coating of
   A) Copper  B) Tin  C) Zinc  D) Aluminium

42. The heater element in an electronic iron is made of
   A) Copper  B) Tungsten  C) Nichrome  D) Iron

Space for rough work
43. Which of the following gas does not form part of the atmosphere?
   A) Nitrogen  B) Chlorine
   C) Carbon dioxide  D) Oxygen

44. What is a laughing gas?
   A) Carbon dioxide  B) Sulphur dioxide
   C) Nitrous oxide  D) Hydrogen peroxide

45. The principal mineral in marble is
   A) Carbon  B) Sodium
   C) Iodine  D) Calcite Crystals

46. As per the Constitution of India, a citizen of India should not be less than _________ of age to become the President of India.
   A) 30 years  B) 35 years
   C) 40 years  D) 50 years

47. The Upper House of Parliament is known as
   A) Parliament House  B) Rashtrapati Bhawan
   C) Rajya Sabha  D) Lok Sabha

48. The Headquarters of MCF (Master Control Facility) is
   A) Hyderabad  B) Thumba
   C) Sri Harikota  D) Hassan

49. The Union Budget is presented in the
   A) Lok Sabha  B) Rajya Sabha
   C) Joint Session of Lok and Rajya Sabha  D) Anywhere

50. The First General Election to the Lok Sabha were held in
   A) 1949  B) 1952  C) 1950  D) 1954

Space for rough work
PART – II
SECTION – ‘C’
Test of Reasoning

51. If \( x + y = 2 \) and \( x = 4 \), then \( x + 2y \) is
   A) \(-4\)  
   B) \(-2\)  
   C) 0  
   D) 2

52. The total income of Hazari and Murari is Rs. 3,000. Hazari spends 60% of his income and Murari spends 80% of his income. If their savings are equal, what is the income of Hazari?
   A) Rs. 2,000  
   B) Rs. 3,000  
   C) Rs. 1,500  
   D) Rs. 1,000

53. How much will it cost to fence a field that is 12 feet long and 42 feet wide with fencing that costs Rs. 10 a yard?
   A) 180  
   B) 360  
   C) 504  
   D) 540

54. How much fence will be needed to enclose a rectangular field that is 20 feet long and 100 feet wide?
   A) 120 feet  
   B) 140 feet  
   C) 2000 feet  
   D) 240 feet

55. A train travels from Gulbarga to Solapur, a distance of 120 miles, at the average rate of 50 miles per hour (mph). The train then travels back to Gulbarga from Solapur. The total travelling time of the train is 5 hours and 24 minutes. What was the average rate of speed of train on the return trip to Gulbarga?
   A) 60 mph  
   B) 50 mph  
   C) 48 mph  
   D) 40 mph

Directions for Q. No. 56 to 58: choose the odd man out.

56. A) Triangle  
   B) Rectangle  
   C) Pentagon  
   D) Heptagon

57. A) 18  
   B) 24  
   C) 48  
   D) 52

58. A) 385  
   B) 876  
   C) 762  
   D) 432

Space for rough work
Directions (Q. No. 59 to 63):
The table below gives the production of five types of cars by a company in the year 2002-2007.
Study the table and give the answers.

<table>
<thead>
<tr>
<th>Year/Type</th>
<th>P</th>
<th>Q</th>
<th>R</th>
<th>S</th>
<th>T</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002</td>
<td>8</td>
<td>16</td>
<td>21</td>
<td>4</td>
<td>25</td>
<td>74</td>
</tr>
<tr>
<td>2003</td>
<td>20</td>
<td>10</td>
<td>17</td>
<td>6</td>
<td>18</td>
<td>71</td>
</tr>
<tr>
<td>2004</td>
<td>16</td>
<td>14</td>
<td>16</td>
<td>10</td>
<td>19</td>
<td>75</td>
</tr>
<tr>
<td>2005</td>
<td>17</td>
<td>12</td>
<td>15</td>
<td>16</td>
<td>30</td>
<td>90</td>
</tr>
<tr>
<td>2006</td>
<td>21</td>
<td>12</td>
<td>13</td>
<td>20</td>
<td>14</td>
<td>80</td>
</tr>
<tr>
<td>2007</td>
<td>6</td>
<td>14</td>
<td>8</td>
<td>31</td>
<td>27</td>
<td>86</td>
</tr>
<tr>
<td>Total</td>
<td>88</td>
<td>78</td>
<td>90</td>
<td>87</td>
<td>133</td>
<td>476</td>
</tr>
</tbody>
</table>

59. In which year the production of cars of all types taken together was approximately equal to the average of total production during the period?
A) 2002  B) 2004  C) 2006  D) 2007

60. In which year the total production of cars of type P and Q together was equal to the total production of cars of type R and S together?
A) 2003  B) 2004  C) 2007  D) 2006

61. During the period of 2002-2007, in which type of cars was a continuous increase in production?
A) P  B) Q  C) R  D) S

62. The production of which type of cars was 25% of the total production of all types of cars during 2006?
A) S  B) R  C) Q  D) P

63. The percent increase in total production of all types of cars in 2005 to that in 2004 was
A) 15  B) 20  C) 25  D) 30

Directions: Q. No. 64 to 68 are based on some statements. Read the respective statements and answer the questions which follow:
Six persons L, M, N, O, P, Q were playing a game of cards. L's father, mother and uncle were in the group. There were two women. M, the mother of L, got more points than her husband. O got more points than P but less than that of Q. Niece of P got lowest points. Father of L got more points than Q, but could not win the game.

64. Who won the game?
A) L  B) M  C) N  D) O

Space for rough work
65. Who got the lowest points?
   A) L   B) N   C) P   D) M

66. Who is the husband of M?
   A) Q   B) P   C) O   D) N

67. M was one of the ladies. Who was the other lady?
   A) N   B) O   C) P   D) L

68. Who stood second in the game?
   A) L   B) M   C) N   D) O

69. A shop keeper allows a discount of 10% on the marked price of a commodity which costs him Rs. 320. If in the transaction he makes a profit of Rs. 49, what is the marked price of commodity?
   A) Rs. 369   B) Rs. 405.90   C) Rs. 420   D) None of the above

70. The cost of 100 shirts is Rs. 9,000 and the transportation charges are Rs. 300. For a 20% profit, the selling price of a shirt is
   A) Rs. 115.10   B) Rs. 113.50   C) Rs. 116.25   D) Rs. 109.40

71. Which is the largest of the following fractions?
   \[ \frac{2}{3}; \frac{3}{5}; \frac{8}{11}; \frac{11}{17} \]
   A) \[\frac{2}{3}\]   B) \[\frac{8}{11}\]   C) \[\frac{3}{5}\]   D) \[\frac{11}{17}\]

72. If after payment of 3/4 of a loan, Rs. 500 still remains to pay, what is the loan amount?
   A) Rs. 2,100   B) Rs. 1,700   C) Rs. 2,000   D) Rs. 1,500

73. Sum of the numbers of 1 to 20 is
   A) 210   B) 110   C) 220   D) 105

74. If out of your annual income of Rs. 8,200, you pay Rs. 20 weekly for your breakfast, send home Rs. 50 weekly and pay a monthly rent of Rs. 40 for the room, how much will that leave you to spend on a monthly basis? (Assume 1 year = 52 weeks/12 months)
   A) Rs. 300   B) Rs. 340   C) Rs. 320   D) Rs. 370

75. If the sum of two numbers is 97 and their difference is 37, their product is
   A) 8040   B) 2010   C) 2378   D) 1736

Space for rough work
SECTION – ‘D’
Test of Mathematical Skills

Directions for Q. No. 76 to 79: Read the following passage carefully and answer the questions:

There are four friends P, Q, R, S. One of them is a student of Biology and plays football and basketball. P and Q study Chemistry. P plays table tennis. Both the Chemistry students play Volleyball. S is the student of Physics. One Chemistry student also plays cricket. The Physics student plays Volleyball and Carom. All the friends play two games and study one subject each.

76. Who is the Biology student?
   A) P    B) Q    C) R    D) S

77. Who does not play Volleyball?
   A) P    B) Q    C) R    D) S

78. Who is a Cricketer?
   A) P    B) Q    C) R    D) S

79. Who plays table tennis and studies Chemistry?
   A) P    B) Q    C) R    D) S

80. The number of students that can sit in a room of length 20 m and breadth of 9 m, if each student requires 90 cm x 80 cm is
   A) 200    B) 220    C) 250    D) 270

81. The price of paint is Rs. 120 per kilogram. A kilogram paint covers 25 square feet of area. How much will it cost to paint the inner walls and the ceiling of a square room of 10 feet length?
   A) Rs. 2,880
   B) Rs. 3,000
   C) Rs. 1,500
   D) None of the above

Space for rough work
82. Ajay spends 25% of his salary on house rent, 5% on food, 15% on travel, 10% on cloths and remaining amount of Rs. 27,000 is saved. What is Ajay's income?
   A) Rs. 60,000  
   B) Rs. 85,000  
   C) Rs. 60,700  
   D) Rs. 70,500

83. If a roll of wallpaper covers 30 square feet, how many rolls are needed to cover the walls of a rectangular room 10 feet long 8 feet wide by 9 feet high? There are no windows in the room.
   A) 5.4  
   B) 21.6  
   C) 10.8  
   D) 16.2

84. If the rate of exchange is $7.50 for Rs. 100, then how many dollars will be equal to Rs. 550?
   A) 44.53  
   B) 42.45  
   C) 40.25  
   D) 41.25

85. What is the ratio of 15 minutes to an hour?
   A) 4 : 1  
   B) 3 : 10  
   C) 1 : 4  
   D) 7 : 10

86. Girish started a business investing Rs. 45,000. After 3 months, Vijay joined him with a capital of Rs. 60,000. After another 6 months, Ankush joined them with a capital of Rs. 90,000. At the end of the year, they made a profit of Rs. 16,500. What is Girish's share of profit?
   A) Rs. 5,500  
   B) Rs. 6,000  
   C) Rs. 6,600  
   D) Rs. 5,900

87. Gun powder is composed of nitrite, sulphur and charcoal in the ratio of 32 : 4 : 8. How many kgs of sulphur is there in 242 kg of gun powder?
   A) 44 kg  
   B) 22 kg  
   C) 176 kg  
   D) none of them

88. 8 : 3 = 312 : ?
   A) 108  
   B) 117  
   C) 112  
   D) 122

Space for rough work
89. In a bag there are coins of 25 paise, 10 paise and 5 paise in the ratio 1 : 2 : 3. If there are in all Rs. 30 in the bag, how many coins of 5 paise are there?
   A) 50  B) 100  C) 125  D) 150

90. The rate at which a sum at simple interest will treble itself in 8 years is
   A) 32%  B) 23%  C) 25%  D) 28%

Directions for Q. No. 91 to 95: A real estate company has estimated the following cost composition based on the projects of previous year's actual data for a residential house of 2000 square feet.

<table>
<thead>
<tr>
<th>Cost component</th>
<th>in Rupees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cement</td>
<td>5,00,000</td>
</tr>
<tr>
<td>Steel</td>
<td>8,00,000</td>
</tr>
<tr>
<td>Electrical</td>
<td>2,00,000</td>
</tr>
<tr>
<td>Labour</td>
<td>5,00,000</td>
</tr>
<tr>
<td>Other expenses</td>
<td>5,00,000</td>
</tr>
</tbody>
</table>

91. What is the percent of cost of steel to cement?
   A) 160%  B) 150%  C) 62.5%  D) 60%

92. What is the percent of other expenses to total cost?
   A) 5%  B) 10%  C) 15%  D) 20%

93. If there is a 10 percent rise in labour cost, what is the labour cost for a 1000 sq. ft. house?
   A) Rs. 5,50,000  B) Rs. 2,50,000  C) Rs. 2,75,000  D) Rs. 6,00,000

94. What will be the cost of the electrical equipments, if another brand costing 10% less is used for the house of 4000 sq. ft.?
   A) Rs. 1,80,000  B) Rs. 2,20,000  C) Rs. 4,10,200  D) Rs. 3,60,000

95. Estimate the cost of house of 2000 sq. feet, if the cost of cement of and labour increased by 10% and 20% respectively.
   A) Rs. 26,50,000  B) Rs. 27,50,000  C) Rs. 30,00,000  D) Rs. 31,40,200

Space for rough work
Directions (Q. No. 96 to 100):

The table below gives the production of sugar in tonnes (t) of three different states. Study the table to answer the questions below:

<table>
<thead>
<tr>
<th>State/Year</th>
<th>2003</th>
<th>2004</th>
<th>2005</th>
<th>2006</th>
<th>2007</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>4.3</td>
<td>4.9</td>
<td>5.6</td>
<td>5.8</td>
<td>6.7</td>
<td>7.4</td>
</tr>
<tr>
<td>Q</td>
<td>3.1</td>
<td>3.7</td>
<td>4.4</td>
<td>5.1</td>
<td>6.0</td>
<td>6.2</td>
</tr>
<tr>
<td>R</td>
<td>3.9</td>
<td>4.7</td>
<td>5.8</td>
<td>6.6</td>
<td>7.3</td>
<td>8.3</td>
</tr>
<tr>
<td>Total</td>
<td>11.3</td>
<td>13.3</td>
<td>15.8</td>
<td>17.5</td>
<td>20</td>
<td>21.9</td>
</tr>
</tbody>
</table>

96. What is the average production of sugar of all the three states in 2003 and 2004 together?
   A) 4.1 t       B) 4.7 t
   C) 5.1 t       D) 4.8 t

97. What is the ratio between the total production of sugar of all the three states in the year 2006 and 2007 respectively?
   A) 7 : 9       B) 6 : 7
   C) 8 : 7       D) 7 : 8

98. What is the average production of sugar of state R for the last three years together?
   A) 6.24 t      B) 6.3 t
   C) 7.1 t       D) 7.4 t

99. What is the difference between the total production of sugar of all the three states together in 2005 and 2008 respectively?
   A) 6.9 t       B) 4.3 t
   C) 6.1 t       D) 5.1 t

100. What is the approximate percentage increase in production of sugar in state Q from 2006 to 2007?
     A) 12%    B) 14.28%
     C) 24%    D) 10%

Space for rough work