Part I

SECTION 'A'

Test of proficiency in English Language

DIRECTION : For each of the question from 1 to 3, choose the **Word or Phrase** that is similar in meaning to the numbered word.

1.   HECTIC

   (a) Organised   (b) Clumsy   (c) Frantic   (d) Thrilling

2.   DETER

   (a) Distract   (b) Suppress   (c) Discourage   (d) Contaminate

3.   JETTISON

   (a) Control   (b) Emit   (c) Stir   (d) Discard

DIRECTION : For each of the question from 4 to 6, choose the **Word or Phrase** that opposite in meaning to the numbered word.

4.   ABOMINATE

   (a) Loathe   (b) Despise   (c) Adore   (d) Abhor

5.   INVECTIVE

   (a) Normality   (b) Restoration   (c) Fertility   (d) Praise

6.   UNTOWARD

   (a) Experienced   (b) Inevitable   (c) Industrious   (d) Proper

DIRECTION : Relate the Ologies & Ographies in the following numbered questions from 7 to 9.

7.   ICHTHYOLOGY

   (a) Study of hair   (b) study of insects   (c) Study of fishes   (d) Study of dates

8.   NEPHROLOGY

(a) Study of kidney   (b) study of clouds

(c) Study of snakes   (d) Study of liver

9.   PHILOLOGY

(a) Study of historical language   (b) study of people

(c) Study of supernatural beings   (d) Study of rocks

DIRECTION : An idiom and four and four possible meanings are given in questions from 10 to 12. Identify the closest meaning of the idiom from among the answer choices.

10.   Child's play

(a) To handle a situation calmly   (b) To dispute over petty points

(c) Any easy task   (d) To treat lightly

11.   Cut no ice

(a) Unable to perform   (b) Make no impression

(c) Come to nothing   (d) To fail

12.   Head to toe

(a) Thoroughly   (b) Continuously   (c) Nothing   (d) Completely

DIRECTION : Each question from 13 to 15 gives a sentence with a part of sentence underlined that may contain an error. Four alternatives substitutes are given for the underlined portion. Identify the choice that replaces the underlined part to form a logical and grammatically correct statement.

13.   He would not have failed <u>if he had enough money</u>

(a) if he had enough money   (b) if he would have enough money

(c) if he would have had enough money (d) if he had had enough money

14.   The professor asked her <u>when will you submit her thesis.</u>

(a) when will you submit her thesis

(b) when she would have submit her thesis

(c) When you will have submitted your thesis

(d) when she would submit her thesis

15. He tried his best to be punctual, but <u>he was occasionally behind time.</u>

(a) he was always lagging behind   (b) he was seldom on time

(c) he was late on some occasions   (d) he would be punctual

DIRECTION : In each of the following question 16 & 17, a capitalised pair of words is given, followed by four numbered pairs of words. Three of the numbered pairs exhibit the same relationship between the words as the capitalised pair of words. Identify the numbered pair which **does not** exhibit the same relationship as the capitalised pair.

16. MISTAKE : PRACTICE

(a) draught : rain (b) anger : resentment (c) extinct : protect   (d) error : diligence

17. SKETCH : DIAGRAM

(a) design : plan (b) draw : picture   (c) print : book   (d) paint : portrait

DIRECTIONS : A sentence is written in four different formats in questions 18 & 19. Only one of them is grammatically correct. Mark the correct choices as your answer.

18. (a) I will meet you if you will come tommorrow.

(b) I will meet you if you have come tommorrow.

(c) I shall meet you if you come tommorrow.

(d) I shall meet you if you may come tommorrow.

19. (a) Harsher punishment will not reduce the number of crime.

(b) Harsher punishment will not reduce the number of crimes.

(c) Harsher punishment will not increase the number of crime.

(d) Harsher punishment will increase the crime number.

DIRECTIONS : Fill in the blanks in the given sentence so as to make it logically and grammatically correct by chosing the correct word from the choices given, in questions 20 & 21.

20. _____ about nine months ago, john was in excellent health.

(a) Until   (b) In   (c) At   (d) As

21.   Mental talents if buries and not used, _____ to deteriorate.

(a) lead   (b) get   (c) tend   (d) matter

DIRECTION : Each question 22 & 23 below gives a sentence followed by four answer choices. From the choices provided, identify the one that best **restates** the given sentence and mark its choice as your answer.

22.   It might be truly said of him that he never sought nonour.

(a) It is true that he never sought nonour.

(b) The truth of him is that he never sought honour.

(c) Honour was not truly sought by him.

(d) He never truly sought honour.

23.   I am afraid I did not make myself understood.

(a) I am afraid of not making myself undertood.

(b) I am afaraid I have not made myself understood.

(c) I am afraid I did not make myself undertsood.

(d) I am afaraid of not having made myself understood.

DIRECTION : A word and four jumbled choices are given in questions 24 & 25. One of the choices, when properly arranged gives the word. Identify the correct choice.

24.   DEFEAT

(a) UQAVNHSI   (b) CETAH   (c) COTUH   (d) TACSRCH

25.   FANTASTIC

(a) TIAIRLSIC   (b) BDCINREILE   (c) ALCER   (d) YNIMIAGAR

Part I

SECTION 'B'

Test of General Knowledge

26. The tusks of male elephant are

(a) premolar   (b) molar   (c) incisor   (d) canine

27. In which year was the RBI nationalized ?

(a) 1948   (b) 1950   (c) 1947   (d) 1949

28. The *Mauryan dynasty* from 321 BC to 185 BC. The last Mauryan emperor was defeated by Pushyamitra Sunga. Who among the following was the last *Mauryan* emperor ?

(a) Brihadratha   (b) Asoka   (c) Bindusara   (d) Samprati

29. Which of the following books is not written by *Shashi Tharoor* ?

(a) Bookless in Baghdad   (b) The Great Indian Novel

(c) Riot : A Novel(d) India : The Siege Within

30. When bullet is fired upwards *vertically* it gains in

(a) Potential energy   (b) Kinetic energy   (c) Speed   (d) inertia

31. How many players make up a team in a basketball game ?

(a) 4   (b) 5   (c) 6   (d) 7

32. Who among the following is the director of the film *Corporate* ?

(a) Shekar Kapoor   (b) Mahesh Bhatt

(c) Nagesh Kukanoor   (d) Madhur Bhandarkar

33. The traditional new year celebrations of *Bihu* are associated with

(a) West Bengal   (b) Orissa   (c) Assam   (d) Kerala

34. Who is the author of the book, *Elizabeth Costello* ?

(a) J.M. Coetzee   (b) Peter Carey   (c) Glunter Grass   (d) Hari Junzru

35. Which is the solar system's fastest planet, which orbits the sun at nearly twice the speed of the earth ?

(a) Venus   (b) Mercury   (c) Jupiter   (d) Pluto

36. US President Barack Obama serced as United States Senator from January 4, 2005 to November 16, 2008 from which of the following states ?

(a) Iowa   (b) California   (c) Illinois   (d) New York

37. Who among the following owns The Taj Hotel, Mumbai which was recently attacked by militants ?

(a) Ratan Tata   (b) Arun Sarin   (c) KM Birla   (d) Vijay Mallya

38. Which among the following is the most common element on earth ?

(a) Hydrogen   (b) Carbon   (c) Oxygen   (d) Nitrogen

39. Which of the following nations gave women, the right to vote, first ?

(a) West Indies   (b) United States of America

(c) India   (d) New Zeland

40. What is the meaning of Veni, Vidi, Vici ?

(a) I come, I fought, I won   (b) I came, I saw, I conquered

(c) I saw, I planned, I achieved   (d) I saw, I fought, I won

41. The disease Swine Flu, is caused by which subtype of Influenza A virus ?

(a) H5N1   (b) H5N5   (c) H1M1   (d) H1N1

42. What are the Primary Colours ?

(a) Red, Blue amd Yellow   (b) Red, Blue, Green

(c) Blue, Yellow, Brown   (d) Blue, Brown, Black

43. The Narmada Valley Project is spread across three states. Which of the following is not a part of the project ?

(a) Maharashtra   (b) Jharkhand   (c) Gujarat   (d) Madhya Pradesh

44. The PGA championship is associated with

(a) Bridge   (b) Polo   (c) Horse racing   (d) Golf

45. *Jeep*, an automobile brand, is registered and owned by

    (a) General Motors   (b) Ford Motors

    (c) Damiler Chrysler   (d) Mahindra & Mahindra

46. What should be the minimum level of *public share holding* in listed companies under the new SEBI guidelines issued in April 2006 ?

    (a) 20% of total equity capital   (b) 15% of total equity capital

    (c) 25% of total equity capital   (d) 30% of total equity capital

47. Which company is associated with the campaign, *Tase Bhi, Health Bhi* ?

    (a) Glaxo Smith Kline   (b) Dabur   (c) Nestle   (d) Amul

48. The book, To *Kill a Mocking Bird,* is written by

    (a) Harper Lee   (b) Joseph Heller   (c) Ken Casey   (d) Ayn Rand

49. *Spoil yourself,* is the punch line of

    (a) Tata Indigo   (b) Tata Indica   (c) Toyota Corolla   (d) Toyota Camry

50. Lawrence J Ellison, one of the world's highest paid CEOs is heading _____ Company ?

    (a) IBM   (b) Toshiba   (c) Oracle   (d) Wipro

Part II

Section 'C'

Test of Reasoning and General Intelligence

Direction (Question No. 51 to 53) : Answer these question based on the information given below :

A visits Vizag where his brother P resides. P stays with his father Q and mother S. P's grandfather, R also stays with him. P has two children B and C. B's husband is X. C is married to Y, who is a wrestler. C's son T welcomed A on his visit.

51. How is related to B ?

(a) Niece (b) Nephew (c) Cousin (d) son

52. How is S related to C ?

(a) Mother (b) Grandmother (c) Aunt (d) Cannot be determined

53. How is P related to X ?

(a) Mother-in-law (b) Mother (c) Father-in-law (d) Cannot be determined

Direction (Question No. 54 to 56) : Answer these questions based on data given below :

"In a class of 70 students, 30 failed in mathematics and 35 failed in Statistics. Ten students passed in both the subjects."

54. How many failed in both the subjects ?

(a) 65 (b) 60 (c) 05 (d) 15

55. How many students passed only in Mathematics ?

(a) 40 (b) 30 (c) 15 (d) 20

56. How many students passed in exactly one of the two subjects ?

(a) 60 (b) 55 (c) 40 (d) 35

Direction (Question No. 57 to 59) : Answer the questions based on the following data.

Puja, Kajol, Raj, Sanju, Teena and Uday sit round a hexagonal table in such a way that neither Puja nor Raj sits opposite to Kajol and neither Teena nor Uday sits opposite to Sanju, wehereas Raj sits to the immediate left of Sanju.

57. If Teena sits opposite to Raj, then which of the following must be true ?

(a) Puja is opposite to Sanju (b) Kajal and Uday sit opposite to each other

(c) Puja nd Uday sit opposite to each other (d) None of these

58. If Teena sits opposite to Kajol, then which of the following is definetely false ?

(a) Uday and Puja sit next to each other (b) Uday sits opposite to Raj

(c) Puja sits opposite to Sanju (d) Puja and Uday have only one person between them

59. If Puja sits to the immediate left of Raj, then

(a) Kajol sits opposite to Raj (b) Puja sits opposite to Sanju

(c) Kajol sits opposite to Sanju (d) Teena is opposite to Raj

Direction (Question No. 60 to 62) : Select the alternative that logically follows the two given statements :

60. All Books are pages. All pages are boxes.

(a) All boxes are books (b) All books are boxes

(c) No books are boxes (d) Both (a) and (b)

61. No monkeys are apes. Some apes are chimpanzees

(a) Some chimpanzees are not monkeys (b) Some monkeys are not chimpanzees

(c) Both (a) and (b) (d) None of the above

62. No men are good. Some good people are saints.

(a) Some saints are not men (b) Some men are not saints

(c) All men are saints (d) None of the above

Direction (Question No. 63 to 65) : Find the odd one out.

63. (a) Income tax (b) Sales tax (c) Commercial tax (d) Professional tax

64. (a) Vishakapatnam (b) Bhilai (c) Rourkela (d) Vijayawada

65. (a) 180 (b) 120 (c) 48 (d) 28

66. A clock is so placed that at 2:00 p.m. the minute hand points towards north-west. In which direction does the hour hand point at 6:00 p.m. ?

(a) North-West (b) West (c) North-East (d) South-East

67. One evening, two friends Vikas and Viju were talking to each other with their books towards each other. If Vikas' shadow was exactly to the right of him, which direction was Viju facing ?

(a) South (b) North (c) East (d) West

68. If 1 cm on map corresponds to an actual distance of 40 kms. And the distance on the map between Bombay and Calcutta is 37.5 cms., the actual distance between them is :

(a) 375 Kms (b) 3750 Kms (c) 1500 Kms (d) 1375 Kms

69. Which if the following is the greatest ?

(a) 40% of 30 (b) 3/5 of 25 (c) 6.5% of 200 (d) $(1/2)_{-4}$

70. After walking 10 Km, Rajesh turned right and walked 5 Km, then turned left and walked 1 Km. Now he is moving towards south, From which direction did Rajesh start his journey ?

(a) North (b) South-west (c) East (d) West

71. Two indentical taps fill 2/5 of a tank in 20 minutes. When one of the taps goes dry in how many minutes will the remaining one tap fill the rest of the tank ?

(a) 15 Minutes (b) 5 Minutes (c) 10 Minutes (d) 20 Minutes

72. If "SQUARE" = 87 and "RECTANGLE" = 94, then what is the value of "RHOMBUS" ?

(a) 96 (b) 94 (c) 89 (d) None of these

73. On what day of the week did India celebrate its first Republic Day i.e. 26th January, 1950 ?

(a) Sunday (b) Monday (c) Tuesday (d) None of these

74. Padma walks 10 Kms from north to south and turns left again walks 5 Kms. Then she turns left and walks 8 Kms. In which direction is she positined now with reference to the starting point ?

(a) East (b) South-East (c) North (d) North-East

75. Find the next number in the series :

3, 12, 48, 192, 768, ?

(a) 2868 (b) 2968 (c) 3072 (d) 3176

Part II

Section 'D'

Test of Quantitative Analysis (Mathematical Skills)

76. If Rs. 2000 amounts to Rs. 2200 in two years under simple interest, what is the rate of interest per annum?

(a) 5% (b) 6% (c) 10% (d) 8%

77. Rahul borrowed Rs. 1,00,000 @ 8% p.a. compound interest, interest being compounded annually. ow much should he repay at the end of the first year, so that by repaying Rs. 54,000 at the end of the second year he can clear the loan ?

(a) Rs. 46,000 (b) Rs. 54,000 (c) Rs. 58,000 (d) Rs. 50,000

78. 6 litres of pure milk are added 10 litres of a mixture water and milk, with 40% milk. What is the percentage of milk in the new solution ?

(a) 50% (b) 62.5% (c) 75% (d) 87.5%

79. The price of the product is decreased by 10% and then increased by 10%. What is the change in price ?

(a) Increased by 1% (b) Decreased by 1%

(c) No change in the price (d) None of these

80. The worth of a car depreciates by 4% every year. If the present worth of a car is Rs. 6.00.000, what is its worth after four years (to the nearest thousands) ?

(a) Rs. 5,04,000 (b) Rs. 5,12,000 (c) Rs. 5,10,000 (d) Rs. 5,16,000

81. What is the area of the smallest square that can be formed with rectangles of dimensions 3 x 2 ?

(a) 6 (b) 12 (c) 72 (d) 36

82. Number "85" is divided into two parts, such that thrice the first part and twice the second part are in the ratio of 18:5. Find the first part ?

(a) 60 (b) 55 (c) 45 (d) 24

83. A party is attended by a total of 60 persons. If the ratio of men and women is 3:2, how many more must join the party such that the ratio becomes 7 : 3?

(a) 10 (b) 15 (c) 20 (d) 25

84. A group of five people can do a certain work in a certain number of days. If more people join the group, they take 12 days less to do the same work. In how many days a group of three people can do the work ?

(a) 30 days (b) 45 days (c) 15 days (d) 50 days

85. A man leaves P and reaches Q in three hours at an average speed of 60 Kmph. What is the distance from P to Q ?

(a) 180 Km (b) 150 Km (c) 300 Km (d) 250 Km

86. The sum of the first and the 9th of an arithmetic progression is 24. What is the sum of the first nine terms of the progression ?

(a) 216 (b) 108 (c) 54 (d) None of these

87. The sum of 20 terms of the series 12 + 22, 32 + 42, 52 + 62 is

(a) 210 (b) 519 (c) 190 (d) None of these

88. If 3/p = 6 and 3/q = 15 then p-q = ?

(a) 1/3 (b) 2/5 (c) 3/10 (d) 5/6

89. In how many ways can 5 letters be posted in 3 post boxes, if any number of letters can be posted in all of the three post boxes ?

(a) 5C3 (b) 5P3 (c) 53 (d) 35

90. John starts work at 8:45 am and finishes at 5:15 pm. He has 90 minutes of breaks. How many hours does he work in 29 days ?

(a) 180 (b) 200 (c) 220 (d) 240

91. The ratio of the present ages of Suman and Renu is 5 : 7 respectively. Four years hence the ratio will become 3 : 4 respectively. What is the present age of Renu in years ?

(a) 28 (b) 24 (c) 21 (d) 20

92. A man brought some fruits at the rate of 16 for Rs. 24 and sold them at the rate of 8 for Rs. 18 What is the profit per cent ?

(a) 50% (b) 40% (c) 60% (d) 25%

93. A, B and C contract a work for Rs. 550. Together A and B are supposed to do 7/11th of the work. How much does C get ?

(a) Rs. 270 (b) Rs. 200 (c) Rs. 310 (d) Rs. 175

94. If the diagonals of a rhombus are 8 cm and 10 cm respectively what will be the area of the rhombus ?

(a) 35 sq.cm (b) 40 sq.cm (c) 30 sq.cm (d) 20 sq.cm

95. Brijesh was born on 17th August 1983 and the day was Friday. If Aryan was born on 27th March 1986, what was the day ?

(a) Thursday (b) Monday (c) Friday (d) Saturday

96. A person standing in a queue is 17th from the first and 13th from the last. How many peoples are standing in the queue ?

(a) 29 (b) 33 (c) 45 (d) 26

97. Pipes A and B can fill a tank in 15 hours abd 20 hours respectively. Both together can fill it in :

(a) 12.5 hours (b) 17.5 hours (c) 8.57 hours (d) 15.57 hours

98. In a group of 15, 7 have studied Latin, 8 have studied Greek and 3 have not studied either. How many of these studied both Latin and Greek ?

(a) 6 (b) 3 (c) 9 (d) 0

99. Three is a safe with a 5 digit number as the key. The 4th digit is 4 greater than second digit, while 3rd digit is 3 less than 2nd digit. The 1st digit is thrice the last digit. There are 3 pairs whose sum is 11. Find the 3rd digit.

(a) 0 (b) 1 (c) 2 (d) 3

100. If 4563 = 5437 and 6647 = 3353, then 546 is

(a) 453 (b) 454 (c) 8445 (d) 9454