SSC CGLE 2014 Model Paper

PART-A: GENERAL INTELLIGENCE & REASONING

Directions (Questions 1 to 5): In each of the following questions, a matrix of certain characters is given. These characters follow a certain trend, row-wise or column-wise. Find out this trend and choose the missing character from the given alternatives.

1.

9	36	25
4	16	9
1	9	4
6	13	?

(a) 5   (b) 10

(c) 11   (d) 15

2.

6	11	25
8	6	16
12	5	2

(a) 18   (b) 16

(c) 12   (d) 10

3.

2	4	0
1	2	4
3	1	3
36	?	91

(a) 25   (b) 48

(c) 59   (d) 73

4.

?	13	49
9	17	69
13	11	59

(a) 5   (b) 9

(c) 10   (d) 21

5.

3	2	2
6	20	4
12	25	64
6	10	?

(a) 6   (b) 8

(c) 10   (d) 12

Directions (Questions 6 to 10): In each of the following questions, arrange the given words in a meaningful sequence and then choose the most appropriate sequence from amongst the alternatives provided below each question:

6.   **1. College**   **2. Child**

  3. Salary   **4. School**

  5. Employment

(a) 1, 2, 4, 3, 5   (b) 2, 4, 1, 5, 3

(c) 4, 1, 3, 5, 2   (d) 5, 3, 2, 1, 4

7.   **1. Mother   2. Child**

  3. Milk   4. Cry   5. Smile

(a) 1, 5, 2, 4, 3   (b) 2, 4, 1, 3, 5

(c) 2, 4, 3, 1, 5   (d) 3, 2, 1, 5, 4

8.　1. Leaf　　　　　2. Fruit

　　3. Stem　　　　　4. Root

　　5. Flower

　　(a) 3, 4, 5, 1, 2　　(b) 4, 1, 3, 5, 2

　　(c) 4, 3, 1, 2, 5　　(d) 4, 3, 1, 5, 2

9.　1. Andhra pradesh　2. Universe

　　3. Tirupati　　　　4. World

　　5. India

　　(a) 1, 5, 3, 2, 4　　(b) 2, 1, 3, 5, 4

　　(c) 3, 1, 5, 4. 2　　(d) 5, 4, 2, 1, 3

10.　1. Travel　　　　2. Destination

　　3. Payment

　　4. Berth / Seat number

　　5. Reservation

　　6. Availability of berth/seat for reservation

　　(a) 1, 2, 5, 4, 3, 6　(b) 2, 6, 3, 5, 4, 1

　　(c) 5, 3, 4, 1, 6, 2　(d) 6, 2, 5, 4, 3, 1

Directions (Questions 11 to 13): Read the following information and answer the questions given below:

A is the son of B. C, B's sister, has a son D and a daughter E. F is the maternal uncle of D.

11.　How is A related to D?

　　(a) Cousin　　　(b) Nephew

　　(c) Uncle　　　(d) Brother

12.　How is E related to F?

　　(a) Sister　　　(b) Daughter

　　(c) Niece　　　(d) Wife

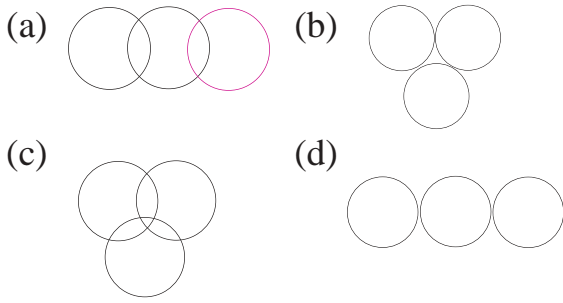13.　How many nephews does F have?

　　(a) Nil　　　　(b) One

　　(c) Two　　　　(d) Three

14.　**Which of the following sets is best represented in the given diagram ?**

　　(a) Animals, Insects, Cockroaches

　　(b) Animals, Males, Females and Hermaphrodites

　　(c) States, Districts, Union Territories

　　(d) Country, States, Districts

15.　**In the Accounts Department of a company, there are some who are only chartered accounts and some who are only cost accountants. A few hold both chartered and cost accountancy qualifications. Besides these, there are others who hold Management Accountancy qualifications. Some of these Management Accountants have also done either Chartered or Cost Accountancy or both. Which of the following figures represents these facts ?**

(a)   (b)

(c)   (d)

16. Sangeeta remembers that her father's birthday was certainly after eighth but before thirteenth of December. Her sister Natasha remembers that their father's birthday was definitely after ninth but before fourteenth of December. On which date of December was their father's birthday?

(a) 10th (b) 11th (c)12th

(d) Data inadequate

17. Ajay left home for the bus stop 15 minutes earlier than usual. It takes 10 minutes to reach the stop. He reached the stop at 8.40 a.m. What time does he usually leave home for the bus stop?

(a) 8.30 a.m (b) 8.45 p.m

(c) 8.55 a.m (d) None of these

18. Reaching the place of meeting 20 minutes before 8.50 hrs Sumit found himself thirty minutes earlier than the man who came 40 minutes late. What was the scheduled time of the meeting?

(a) 8.00 a.m. (b) 8.05 a.m.

(c) 8.10 a.m. (d) 8.20 a.m.

19. The priest told the devotee, "The temple bell is rung at regular intervals of 45 minutes. The last bell was rung five minutes ago. The next bell is due to be rung at 7.45 a.m". At what time did the priest give this information to the devotee?

(a) 7.40 a.m (b) 7.05 a.m

(c) 7.00 a.m (d) 6.55 a.m

20. If day after tomorrow is Saturday, what day was three days before yesterday?

(a) Sunday (b) Monday

(c) Thursday (d) Saturday

Directions (21-25): In each of the following questions, a number series is given with one term missing. Choose the correct alternative that will continue the same pattern and replace the question mark in the given series.

21. 5760, 960, ?, 48, 16, 8

(a) 120 (b) 160

(c) 192 (d) 240

22. 3, 15, ?, 63, 99, 143

(a) 27 (b) 35

(c) 45 (d) 56

23. 3, 7, 23, 95, ?

   (a) 62   (b) 128

   (c) 479   (d) 575

24. 2, 2, 5, 13, 28, ?

   (a) 49   (b) 50

   (c) 51   (d) 52

25. 2, 7, 27, 107, 427, ?

   (a) 1,262   (b) 1,707

   (c) 4,027   (d) 4,207

26. Pointing towards Rita, Nikhil said, "I am the only son of her mother's son." How is Rita related to Nikhil?

   (a) Aunt   (b) Niece

   (c) Mother   (d) Cousin

27. Pointing to man on the stage, Rashi said, "He is the brother of the daughter of the wife of my husband." How is the man on the stage related to Rashi?

   (a) Son   (b) Husband

   (c) Cousin   (d) Nephew

28. Looking at a portrait of man, Harsh said, "His mother is the wife of my father's son. Brothers and sisters I have none." At whose portrait was Harsh looking?

   (a) His son   (b) His cousin

   (c) His uncle   (d) His nephew

'A + B' means 'A is the daughter of B';

'A × B' means 'A is the son of B;

'A - B' means 'A is the wife of B'.

29. If P × Q - S, which of the following is true?

   (a) S is wife of Q.

   (b) S is father of P.

   (c) P is daughter of Q.

   (d) Q is father of P.

30. If T - S × B - M, which of the following is not true?

   (a) B is mother of S.

   (b) M is husband of B

   (c) T is wife of S

   (d) S is daughter of B.

31. 1, 2, 5, 10, 17, 28

   (a)30   (b) 28

   (c)27   (d) 17

32. **1, 5, 11, 19, 29, 55**

   (a) 55   (b) 41

   (c) 29   (d) 19

33. **2, 3, 5, 8, 13, 34**

   (a) 21   (b) 25

   (c) 29   (d) 34

34. **0, 3, 8, 15, 24, 33**

   (a) 8   (b)15

   (c)26   (d) 33

35. **1, 5, 14, 30, 55, 93**

   (a) 97   (b) 95

   (c) 93   (d) 55

36. **In a class of 60, where girls are twice that of boys, Kamal ranked 17th from the top. If there are 9 girls ahead of Kamal, how many boys are after him in rank?**

   (a) 3   (b)7

   (c)12   (d) 23

37. **Manoj and Sachin are ranked 7th and 11th repectively from the top in a class of 31 students. What will be their repective ranks from the bottom in the class?**

   (a) 20th and 24th   (b) 24th and 20th

   (c) 25th and 21st   (d) 26th and 22nd

Directions (38-40): Answer these questions based on the set of numbers given below:

   738   429   156   273   894

38. **Which of the following will be the last digit of the second highest number after the positions of the digits in each number is reversed?**

   (a) 1   (b)2

   (c) 4   (d)7

39. **What will be the difference between the first digit of the highest number as well as of the lowest number after the positions of the first two digits in each number are reversed?**

   (a) 4   (b) 5

   (c) 6   (d) 7

40. **Which of the following will be the second digit of the third number from the top when they are arranged in descending order, after the first digit in each number is changed to its next higher digit?**
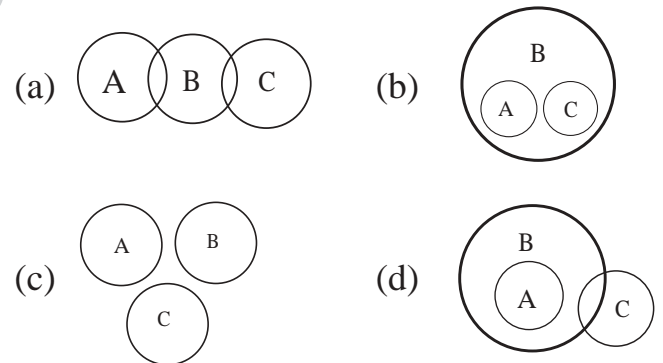
   (a) 2   (b) 3

   (c) 5   (d) 7

Directions (Questions 41 to 45) : Find the missing character in each of the following:

41.

$$1 \quad \overset{2}{\underset{5}{\textstyle\bigcirc 13} } \quad 3 \qquad 1 \quad \overset{4}{\underset{6}{\textstyle\bigcirc ?} } \quad 5 \qquad 1 \quad \overset{3}{\underset{4}{\textstyle\bigcirc 17} } \quad 5$$

(a) 21   (b) 25

(c) 27   (d) 29

42.

$$4 - \overset{27}{\underset{3}{\textstyle\bigcirc 13}} - 16 \qquad 13 - \overset{42}{\underset{7}{\textstyle\bigcirc 11}} - 65 \qquad 8 \; \overset{27}{\underset{9}{\textstyle\bigcirc ?}} \; 72$$

(a) 6   (b) 9

(c) 12   (d) 18

43.

(3 5 / 39 / 6 3)   (4 7 / 51 / 5 4)   (3 5 / ? / 5 4)

(a) 35   (b) 37

(c) 45   (d) 47

44.

	5				7				18	
6	93	15		9	?	5		4	50	1
	3				6				3	

(a) 5   (b) 19

(c) 27   (d) 89

45.

(101 43 / 38 / 35 25)   (48 34 / ? / 56 184)

(a) 127   (b) 142

(c) 158   (d) 198

46. Ravi is 7 ranks ahead of Sumit in a class of 39. If Sumit's rank is 17th from the last, what is Ravi's rank from the start?

(a) 14th   (b) 15th

(c) 16th   (d) 17th

Directions (Questions 47 to 50): Given below are four patterns represented by circles A, B and C which indicate the logical relationship between and among the respective descriptions. On the basis of description given for A, B and C respectively in the questions, decide which of the given patterns (a), (b), (c) and (d) best indicates the logical relationship.

(a) A B C

(b) B (A C)

(c) A B / C

(d) B (A) C

47. (A) Doctor   (B) Male   (C) Actor

48. (A) Rose   (B) Flower   (C) Lotus

49. (A) Father   (B) Mother   (C) Child

50. (A) Gold   (B) Ornament   (C) Silver

PART-B: GENERAL AWARENESS

51. The term 'mixed economy' denotes:

(a) Existence of both rural and urban sectors.

(b) Existence of both private and public sectors.

(c) Existence of both heavy and small industries.

(d) Existence of both developed and underdeveloped.

52. Which sector of Indian Economy has shown remarkable expansion during the last decade?

(a) Primary Sector

(b) Secondary Sector

(c) Tertiary Sector

(d) Mining Sector

53. In India, planned economy is based on:

(a) Gandhian System

(b) Socialist System

(c) Capitalist System

(d) Mixed Economy System

54. Who coined the term 'Hindu rate of growth' for Indian Economy?

(a) A.K. Sen   (b) Kirit S. Parikh

(c) Raj Krishna   (d) M.S. Ahluwalia

55. Who had estimated National Income in India first?

(a) Dadabhai Naoroji

(b) R.C.Dutt

(c) V.K.R.V. Rao

(d) D.R. Gadgil

56. Which one among the following countries has the lowest GDP per capita?

(a) China   (b) India

(c) Indonesia   (d) Sri Lanka

57. Net National Product (NNP) of a country is:

(a) GDP minus depreciation allowances.

(b) GDP plus net income from abroad.

(c) GNP minus net income from abroad.

(d) GNP minus depreciation allowances.

58. Under which plan did the Government introduce an agricultural strategy which gave rise to Green Revolution?

(a) Second Five Year Plan

(b) Third Five Year Plan

(c) Fourth Five Year Plan

(d) Sixth Five Year Plan

59. Which Plan gave emphasis on removal of poverty for the first time?

(a) Fourth   (b) Fifth

(c) Sixth   (d) Seventh

60. Economic Planning is in:

(a) Union list

(b) State list

(c) Concurrent list

(d) Not in any specified list

61. Rourkela Steel Plant was set up with the assistance from-

(a) USSR   (b) West Germany

(c) USA   (d) UK

62. Which one of the following States of India records the highest sex-ratio?

(a) Kerala   (b) Karnataka

(c) Meghalaya   (d) Tamil Nadu

63. What is the percentage of India's population to the world population?

(a) 6%   (b) 16%

(c) 26%   (d) 36%

64. In India the highest concentration of slum population is in the State of:

(a) Andhra Pradesh

(b) Maharashtra

(c) Uttar Pradesh

(d) West Bengal

65. Which State in India is estimated to have the largest coal reserves?

(a) Bihar

(b) Jharkhand

(c) Madhya Pradesh

(d) Odisha

66. Sundarbans of Eastern India is an example of :

(a) Forest Ecosystem

(b) Mangrove Ecosystem

(c) Grassland Ecosystem

(d) Marine Ecosystem

67. The Buckingham Canal, which has been declared a National Waterway of India recently, is a canal running from:

(a) Punjab to Haryana

(b) Mumbai to Goa

(c) Vijayawada to Villupuram

(d) Cochin to Kozhikode

68. Which one of the following is an abiotic and renewable resource?

(a) Iron ore   (b) Livestock

(c) Water   (d) Forests

69. Match the dams and States in which they are situated:

Dam	State
A. Hirakud	1. Chhattisgarh

B. Mettur   2. Orissa

C. Mahanadi   3. Karnataka

D. Almatti   4. Tamil Nadu

	A	B	C	D
(a)	3	2	4	1
(b)	2	4	1	3
(c)	1	3	2	4
(d)	4	1	3	2

70. Which of the following is/are considered a Renewable Source of energy?

1. Wind Energy   2. Solar Energy

3. Nuclear Energy

(a) Only 1   (b) Only 2

(c) Only 3   (d) Only 1 and 2

71. Which of the following is NOT covered under 'Bharat Nirman'?

(a) Rural Housing

(b) Rural Hospitals

(c) Rural Water Supply

(d) Rural Electrification

72. Bharat Nirman Plan is associated with development of:

(a) Urban infrastructure

(b) Rural infrastructure

(c) Information Technology

(d) Bridges and Roads

73. The Rural Infrastructure Fund set up in 1995-96, is maintained by the :

(a) Reserve Bank of India

(b) State Bank of India

(c) National Bank for Agriculture and Rural Development

(d) Regional Rural Bank

74. The concept of sustainable development relates to :

(a) Consumption levels

(b) Exhaustible resources

(c) Intergenerational equity

(d) Social Equity

75. .... is NOT a Nuclear Power Centre

(a) Narora   (b) Kakrapara

(c) Chamera   (d) Kota

76. Community Development Programme was initiated primarily to :

(a) To bring development among people by raising the literacy level

(b) Bring about overall development of the village through self-help

(c) Increasing the control of the masses over the locally available resources

(d) Increase agricultural production through mechanised farming

77. Which of the following is true about the National Rural Employement Guarantee Act (NREGA)?

1. It is applicable in 100 rural district.

2. It gives a guaranteed employment of 100 days at all those who are eligible for the same and are also willing to take it.

3. This act is applicable only, for men between the of 21 - 65. Woman do not get the benefit of the same.

   (a) only 1   (b) only 2

   (c) only 3   (d) all 1, 2, and 3

78. STEP is the abbreviated name of the welfare programme to help :

   (a) Children   (b) Women

   (c) Farmers   (d) Senior Citizens

79. In India disguised unemployment is found in :

   (a) Agricultural sector

   (b) Industrial sector

   (c) Service sector

   (d) Trade sector

80. Mid - Day Meal Scheme was started in the year :

   (a) 1995   (b) 1996

   (c) 1997   (d) 1998

81. The Blue Revolution is related with:

   (a) Fish Production

   (b) Food grain Production

   (c) Oilseed Production

   (d) Milk Production

82. The head office of the National Bank of Agriculture and Rural Development is located in:

   (a) Lucknow   (b) Hyderabad

   (c) New Delhi   (d) Mumbai

83. Which of the following provides the largest credit to agriculture and allied sectors ?

   (a) Co-operative Banks

   (b) Regional Rural Banks

   (c) Commercial Banks

   (d) Co-operative and Regional Rural Banks

84. The Bonded Labour System (Abolition) Act was legislated in:

   (a) 1974   (b) 1976

   (c) 1977   (d) 1978

85. Which of the following is NOT an immediate indicator of industrial sickness ?

   (a) Drop in profitability

   (b) Labour unrest

   (c) Shrinking of market credit

   (d) Decline in market share

86. **Which of the following is the classification of industries on the basis of raw materials ?**

    (a) Small Scale and Large Scale

    (b) Primary and Secondary

    (c) Basic and Consumer

    (d) Agro-based and Mineral

87. **An objective of the National Food Security Mission is to increase the production of certain crops through an expansion and productivity enhancement in a sustainable manner in the identified districts of the country. What are those crops ?**

    (a) Rice and wheat only

    (b) Rice, wheat and pulses only

    (c) Rice, wheat, pulses and oil seeds only

    (d) Rice, wheat, pulses, oil seeds and vegetables

88. **National Agricultural Insurance Scheme replaced Comprehensive Crop Insurance Scheme was introduced in the year:**

    (a) 1997   (b) 1998

    (c) 1999   (d) 2000

89. **Devaluation of currency leads to:**

    (a) Expansion of export trade

    (b) Contraction of import trade

    (c) Expansion of imports

    (d) All of the above

90. **Which of the following organisations is known as Market Regulator in India ?**

    (a) IBA   (b) SEBI

    (c) AMFI   (d) NSDL

91. **During period of inflation, rates should:**

    (a) Increase

    (b) Decrease

    (c) Remain constant

    (d) Fluctuate

92. **Inflation in India is measured on which of the following indexes / indicators ?**

    (a) Cost of Living Index (CLI)

    (b) Consumer Price Index (CPI)

    (c) Gross Domestic Product (GDP)

    (d) Wholesale Price Index (WPI)

93. **Tick mark which is incorrect about inflation:**

    (a) Inflation indicates the rise in the price of a basket of commodities on a point-to-point basis.

    (b) The inflation rate in India is calculated on the basis of the wholesale price index.

(c) For some commodities retail prices are also considered for measurement of inflation.

(d) Inflation rate going down does not mean prices are declining.

94. **Consider the following :**

1) Market borrowings

2) Treasury bills

3) Special securities issued to RBI

Which of these is / are component(s) of internal debt ?

(a) 1 only   (b) 1 and 2

(c) 2 only   (d) 1, 2 and 3

95. **Consider the following :**

1. Currency with the public

2. Demand deposits with banks

3. Time deposits with banks

Which of these are included in Board Money (M3) in India ?

(a) 1 and 2   (b) 1 and 3

(c) 2 and 3   (d) 1, 2 and 3

96. **Banks in India are categorized as Public Sector and Private Sector Banks. Which of the following types of banks are called Public Sector Banks.**

(a) Those in which Government of India has a controlling stake.

(b) Those which are giving services to poor sections of society like those living below proverty line, in remote areas or in different areas.

(c) Those who are governed and regulated by the Reserve Bank of India only. Finance Ministry does not have any control over them.

(d) Only those banks are called public sector whose shares are traded in Stock Markets. Others are private banks.

97. **Which of the following types of accounts are known as Demat Accounts ?**

(a) Accounts which are Zero Balance Accounts

(b) Accounts which are opened to facilitate repayment of loan taken from the bank. No other business can be conducted from there.

(c) Accounts in which shares of various companies are traded in electronic form.

(d) Accounts which are operated through internet banking facility.

98. **The Finance Minister of India as well as the Governor, Reserve Bank of India have stressed on 'Financial Inclusion' as an important objective of the banking sector. What do they mean by 'Financial Inclusion' ?**

1. Reaching banking services to all sections of the society in all parts of the country.

2. Providing all sorts of financial aids / grants to the people living below poverty line as a social welfare measure without earning any profit.

3. This means that banks henceforth should open their branches in rural areas only.

(a) only 1   (b) only 2

(c) only 1 and 2   (d) only 2 & 3

99. As we all know Cash Reserve Ratio (CRR) is the percentage of the deposit banks keep in reserve with them. This ratio is also known as :

(a) Repo Rate

(b) Reverse Repo Rate

(c) SLR

(d) Liquidity Ratio

100. Which one of the following is NOT an example of Indirect tax ?

(a) Sales tax   (b) Excise duty

(c) Custom duty   (d) Expenditure tax

PART-C: QUANTITATIVE APTITUDE

101. **Six years ago, the ratio of the ages of Kunal and Sagar was 6:5. Four years hence, the ratio of their ages will be 11:10. What is Sagar's age at present?**

(a) 16 years

(b) 18 years

(c) 20 years

(d) Cannot be determined

102. **Hitesh is 40 years old and Ronnie is 60 years old. How many years ago was the ratio of their ages 3:5?**

(a) 5 years   (b) 10 years

(c) 20 years   (d) 37 years

103. **The ratio between the school ages of Neelam and Shaan is 5:6 respectively. If the ratio between the one-third age of Neelam and half of Shann's age is 5:9, then what is the school age of Shaan?**

(a) 25 years

(b) 30 years

(c) 36 years

(d) Cannot be determined

104. **One year ago, Promila was four times as old as her daughter Sakshi. Six years hence, Promila's age will exceed her daughter's age by 9 years. The ratio of the present ages of Promila and her daughter is:**

(a) 9:2   (b) 11:3

(c) 12:5   (d) 13:4

105. **The difference between the ages of two persons is 10 years. Fifteen years ago, the elder one was twice as old as the younger one. The present age of the elder person is:**

(a) 25 years   (b) 35 years

(c) 45 years   (d) 55years

106. **X starts a business with Rs.300000 and Y joins him after 3 months with Rs.1200000. Find the ratio of their profits at the end year of the years?**

(a) 2:5   (b) 3:5

(c) 5:1   (d) 1:3

107. **Anil is an active and Vimal is a sleeping partner in a business. Anil invests Rs. 12000 and Vimal invests Rs. 20000. Anil receives 10% profit for managing, the rest being divided in proportion to their capitals. Out of the total profit of Rs.9000, the money received by Anil is Rs.**

(a) 4,500   (b) 4,800

(c) 4,600   (d) 3,937.5

108. Arun, Kamal and Vinay invested Rs. 8000, Rs. 4000 and Rs. 8000 respectively in a business. Arun left after six months. If after eight months, there was a gain of Rs. 4005, then what will be the share of Kamal?

    (a) Rs. 890   (b) Rs. 1335

    (c) Rs.1602   (d) Rs. 1780

109. A and B started a partnership business investing some amount in the ratio of 3:5. C joined them after six months with an amount equal to that of B. In what proportion should the profit at the end of one year be distributed among A, B and C?

    (a) 3:5:2   (b) 3:5:5

    (c) 6:10:5   (d) Data inadequate

110. A and B started a business jointly. A's investment was thrice the investment of B and the period of his investment was two times the period of investment of B. If B received Rs. 4000 as profit, then their total profit is:

    (a) Rs. 16,000   (b) Rs. 20,000

    (c) Rs. 24,000   (d) Rs. 28,000

111. A butler stole wine from a butt of sherry which contained 80% of spirit and he replaced it by wine containing only 32% spirit. Then, the butt was of 48% strength only. How much of the butt did he steal?

    (a) 1/4   (b) 3/5

    (c) 2/5   (d) 2/3

112. A milk vendor has 2 cans of milk. The first contains 25% water and the rest milk. The second contains 50% water. How much milk should he mix from each of the containers so as to get 12 litres of milk such that the ratio of water to milk is 3:5 ?

    (a) 4 litres water, 8 litres milk

    (b) 6 litres water, 6 litres milk

    (c) 5 litres water, 7 litres milk

    (d) 7 litres water, 5 litres milk

113. A takes twice as much time as B and C takes thrice as much time as B to finish a work. Working together, they can finish the work in 12 days. Find the number of days needed for A to do the work alone.

    (a) 20   (b) 22

    (c) 33   (d) 44

114. 6 men can do a piece of work in 12 days while 8 women can do the same work in 18 days. The same work can be done by 18 children in 10 days. 4 men, 12 women and 20 children work together for 2 days. If only men

have to complete remaining work in 1 day, then find the required number of men.

(a) 36   (b) 24   (c) 18

(d) Couldn't be determined

115. **A man can do a piece of work in 5 days, but with the help of his son, he can do it in 3 days. In what time can the son do it alone?**

(a) $6\dfrac{1}{2}$ days   (b) 7 days

(c) $7\dfrac{1}{2}$ days   (d) 8 days

116. **A and B can do a piece of work in 5 days; B and C can do it in 7 days; A and C can do it in 4 days. Who among these will take the least time if put to do it alone?**

(a) A   (b) B   (c) D

(d) Data inadequate

117. **A can do a work in 15 days and B in 20 days. If they work on it together for 4 days, then the fraction of the work that is left is:**

(a) 1/4   (b) 1/10

(c) 7/5   (d) 8/15

118. **A and B together can do a piece of work in 30 days. A having worked for 16 days, B finishes the remaining**

work alone in 44 days. In how many days shall B finish the whole work alone?

(a) 30 days   (b) 40 days

(c) 60days   (d) 70 days

119. **A and B together can complete a work in 12 days. A alone can complete it in 20 days. If B does the work only for half a day daily, then in how many days A and B together will complete the work?**

(a) 10 days   (b) 11 days

(c) 15 days   (d) 20 days

120. **12 men can complete a piece of work in 4 days, while 15 women can complete the same work in 4 days. 6 men start working on the job and after working for 2 days, all of them stopped working. How many women should be put on the job to complete the remaining work, if it is to be completed in 3 days?**

(a) 15   (b) 18   (c) 22

(d) Data inadequate

121. **Through an inlet, a tank takes 8 hours to get filled up. Due to a leak in the bottom, it takes 2 hours more to get it filled completely. If the tank is full, how much time will the leak**

take to empty it?

(a) 16 hours   (b) 20 hours

(c) 32 hours   (d) 40 hours

122. A cistern can be filled by a tap in 4 hours while it can be emptied by another tap in 9 hours. If both the taps are opened simultaneously then after how much time will the cistern get filled?

(a) 4.5 hrs   (b) 5 hrs

(c) 6.5 hrs   (d) 7.2 hrs

123. Two pipes A and B together can fill a cistern in 4 hours. Had they been opened separately, then B would have taken 6 hours more than A to fill the cistern. How much time will be taken by A to fill the cistern separately?

(a) 1 hr   (b) 2 hrs

(c) 6 hrs   (d) 8 hrs.

124. Two pipes A and B can fill a tank in 15 hours and 20 hours respectively while a third pipe C can empty the full tank in 25 hours. All the three pipes are opened in the beginning. After 10 hours, C is closed. In how much time, will the tank be full?

(a) 12 hrs   (b) 13 hrs

(c) 16 hrs   (d) 18 hrs

125. Two pipes A and B can fill a cistern in $37\frac{1}{2}$ minutes and 45 minutes respectively. Both pipes are opened. The cistern will be filled in just half an hour, if the pipe B is turned off after:

(a) 5 min   (b) 9 min

(c) 10 min   (d) 15 min

126. If Sohail walks from his home to office at 16km/h, he is late by 5 min. If he walks at 20km/h, he reaches 10 minutes before the office time. Find the distance of his office from his house?

(a) 22 km   (b) 20 km

(c) 18 km   (d) 16 km

127. An athlete runs 200 metres race in 24 seconds. Find his speed?

(a) 20 km/hr   (b) 24 km/hr

(c) 28.5 km/hr   (d) 30 km/hr

128. A man in a train notices that he can count 21 telephone posts in one minute. If they are known to be 50 metres apart, then at what speed is the train travelling?

(a) 55 km/hr   (b) 57 km/hr

(c) 60 km/hr   (d) 63 km/hr

129. Anna left for city A from B at 5.20

a.m. She travelled at the speed of 80 km/hr for 2 hours 15 minutes. After that the speed was reduced to 60 km/hr. If the distance between two cities is 350 kms, at what time did Anna reach city A?

(a) 9.20 a.m   (b) 9.25 a.m

(c) 9.35 a.m   (d) None of these

130. A farmer travelled a distance of 61 km in 9 hours. He travelled partly on foot at 4 km/hr and partly on bicycle at 9km/hr. The distance travelled on foot is:

(a) 14km   (b) 15km

(c) 16km   (d) 17km

131. I started on my bicycle at 7 a.m to reach a certain place. After going a certain distance, my bicycle went out of order. Consequently, I rested for 35 minutes and came back to my house walking all the way. I reached my house at 1 p.m. If my cycling speed is 10 kmph and my walking speed is 1 kmph, then on my bicycle I covered a distance of :

(a) $4\frac{61}{66}$ km   (b) $13\frac{4}{9}$ km

(c) $14\frac{3}{8}$ km   (d) $15\frac{10}{21}$ km

132. A car travels the first one-third of a

certain distance with a speed of 10 km/hr, the next one-third distance with a speed of 20 km/hr, and the last one-third distance with a speed of 60 km/hr. The average speed of the car for the whole journey is:

(a) 18 km/hr   (b) 24 km/ hr

(c) 30 km/hr   (d) 36 km/hr

133. Robert is travelling on his cycle and has calculated to reach point A at 2 P.M. If he travels at 10 kmph; he will reach there at 12 noon if he travels at 15 kmph. At what speed must he travel to reach A at 1 P.M.?

(a) 8 kmph   (b) 11 kmph

(c) 12 kmph   (d) 14 kmph

134. In covering a certain distance, the speeds of A and B are in the ratio of 3:4. A takes 30 minutes more than B to reach the destination. The time taken by A to reach the destination is:

(a) 1 hour   (b) $1\frac{1}{2}$ hours

(c) 2 hours   (d) $2\frac{1}{2}$ hours

135. Two men starting from the same place walk at the rate of 5 kmph and 5.5 kmph respectively. What time will they take to be 8.5 km apart, if

they walk in the same direction?

(a) 4 hrs 15 min   (b) 8 hrs 30 min

(c) 16hrs   (d) 17 hrs

136. Two cyclists start from the same place in opposite direction. One goes towards north at 18 kmph and the other goes towards south at 20 kmph. What time will they take to be 47.5 km apart?

(a) $1\frac{1}{4}$ hrs   (b) $2\frac{1}{4}$

(c) 2hrs. 23 min.   (d) $2\frac{1}{2}$ hrs

137. Two trains start from P and Q respectively and travel towards each other at a speed of 50 km/hr and 40 km/hr respectively. By the time they meet, the first train has travelled 100 km more than the second. The distance between P and Q is:

(a) 500 km   (b) 630 km

(c) 660 km   (d) 900km

138. In a 300 m race A beats B by 22.5 m or 6 seconds. B's time over the course is:

(a) 86 sec   (b) 80 sec

(c) 76 sec   (d) None of these

139. In a 100 m race, A can beat B by 25 m and B can beat C by 4 m. In the same race, A can beat C by:

(a) 21 m   (b) 26 m

(c) 28 m   (d) 29 m

140. A and B take part in a 100 m race. A runs at 5 km per hour. A gives B a start of 8 m and still beats him by 8 seconds. The speed of B is:

(a) 5.15 kmph   (b) 4.14 kmph

(c) 4.25 kmph   (d) 4.4 kmph

141. A train moving with uniform speed crosses a pole in 2 seconds and a 250 m long bridge in 7 seconds. Find the length of the train?

(a) 150 m   (b) 120 m

(c) 100 m   (d) 80 m

142. The distance travelled by a train is 1830 km. The speed of the train is one more than twice the time taken to travel the distance. What will be the respective ratio of the speed of the train and time taken to travel?

(a) 30:61   (b) 61:30

(c) 25:51   (d) 51:25

143. How long does a train 110 metres long running at the speed of 72km/ hr take to cross a bridge 132 metres in length?

(a) 9.8 sec   (b) 12.1 sec

(c) 12.42 sec   (d) 14.3 sec

144. **The length of the bridge, which a train 130 metres long and travelling at 45 km/hr can cross in 30 seconds, is:**

    (a) 200 m   (b) 225 m

    (c) 245 m   (d) 250m

145. **A train speeds past a pole in 15 seconds and a platform 100 m long in 25 seconds. It's length is:**

    (a) 50 m   (b)150 m

    (c) 200 m   (d) Data inadequate

146. **Two trains are moving in opposite directions at 60 km/hr and 90 km/hr. Their lengths are 1.10 km and 0.9 km respectively. The time taken by the slower train to cross the faster train in seconds is:**

    (a) 36   (b) 45

    (c) 48   (d) 49

147. **A train 108 m long moving at a speed of 50 km/hr crosses a train 112 m long coming from opposite direction in 6 seconds. The speed of the second train is**

    (a) 48 km/hr   (b) 54 km/hr

    (c) 66 km/hr   (d) 82 km/hr

148. **A train 150 m long passes a km stone in 15 seconds and another train of the same length travelling in opposite direction in 8 seconds. The speed of the second train is:**

    (a) 60 km/hr   (b) 66 km/hr

    (c) 72 km/hr   (d) 99 km/hr

149. **A person covers 18 km along the stream in 4 hours and covers the same distance against the stream in 12 hours. Find the speed of stream in km/hr?**

    (a) 1   (b) 1.5

    (c) 1.75   (d) 3

150. **A boat running downstream covers a distance of 16 km in 2 hours while for covering the same distance upstream, it takes 4 hours. What is the speed of the boat in still water?**

    (a) 4 km/hr   (b) 6 km/hr

    (c) 8 km/hr   (d) Data inadequate

PART -D : ENGLISH COMPREHENSION

Directions: Some of the following sentences are grammatically incorrect and some are correct. Find out which part of a sentence has an error and mark that part. If there is no error, mark that part as your answer.

151. <u>These kind of dresses (a)</u> <u>seems to be (b)</u> expensive but it is relatively <u>economical (c)</u> <u>to maintain. (d)</u>

152. It was <u>she (a)</u> who suggested that <u>you be (b)</u> <u>at the door (c)</u> to welcome each participant <u>on their arrival. (d)</u>

153. <u>Book (a)</u> <u>I read (b)</u> <u>last week was(d)</u> <u>an intersting one. (d)</u>

154. <u>How I wish it (a)</u> <u>had been me(b)</u> <u>whom(c)</u> you had chosen <u>and not she. (d)</u>

155. She is one of those persons <u>whom(a)</u>, I am sure, always <u>do their best (b)</u> even <u>in the most trying circumstances.(c)</u> No error (d)

156. <u>As (a)</u> we see, <u>she appears (b)</u> to be <u>unreasonable (c)</u> anxious <u>about(d)</u> pleasing her husband.

157. <u>The landscape of Kashmir (a)</u> <u>is (b)</u> <u>by far (c)</u> <u>more enchanting of all. (d)</u>

158. <u>She can (a)</u> <u>understand Marathi (a)</u> but <u>she cannot speak(c)</u> it <u>proper or fluent(d)</u>.

159. <u>Hardly(a)</u> <u>any other monument (b)</u> <u>in the world is beautiful (c)</u> <u>as the Taj Mahal.</u>(d)

160. She <u>was noticeably(a)</u> upset <u>by(b)</u> how <u>indignant(c)</u> he responded to her <u>final question.(d)</u>

161. <u>I don't know why(a)</u> <u>he has been(b)</u> <u>unreasonably anxious to solve this problem.(c)</u> No error (d)

162. <u>The girl said(a)</u> <u>that she preferred (b)</u> <u>the blue gown(c)</u> <u>than the black one. (d)</u>

163. <u>He returned (a)</u> <u>quicker(b)</u> <u>than (c)</u> I <u>expected.(d)</u>

164. <u>We should appreciate (a)</u> <u>that the telephones here (b)</u> <u>have been working (c)</u> <u>as efficient as in the past.(d)</u>

165. <u>I was promoted to(a)</u> <u>the post of Principal though(b)</u> <u>I was junior than(c)</u> <u>all the other members of the staff.(d)</u>

Directions: Fill in the blanks with appropriate prepositions:

166. He is a genius. He is ....the black lists of many casinos.

   (a) On   (b) In
   (c) With   (d) By

167. We reached late at the cinema so we had to sit ....the back row.

   (a) On   (b) In
   (c) Tt   (d) To

168. Is there anything interesting .... the paper today?

   (a) On   (b) By
   (c) In   (d) At

169. Have you ever been ....Mexico?

   (a) In   (b) On
   (c) By   (d) To

170. These books are.............Rs.50 each.

   (a) In   (b) On
   (c) At   (d) None

Directions: In the following questions, a sentence has been given in Direct / Indirect speech. Out of the four alternatives suggested, select the one which best expresses the same sentence in Indirect / Direct speech

171. The traveller enquired of the farmer if he could tell him the way to the nearest inn.

   (a) The traveller said to the farmer, "Where is the nearest inn?"
   (b) The traveller said to the farmer, " Which is the way to the nearest inn?"
   (c) The traveller said to the farmer, "Can you tell me the way to the nearest inn?"
   (d) The traveller said to the farmmer, "Can you tell me where is the nearest inn?"

172. The spectators said, "Bravo! well played, Ravi."

   (a) The spectators called Ravi bravo because he had played well.
   (b) The spectators said that Ravi played well and applauded him.
   (c) The spectators encouraged Ravi saying that he played well.
   (d) The spectators applauded Ravi, saying that he had played well.

173. "If you don't keep quiet I shall shoot you", he said to her in a calm voice.

(a) He warned her to shoot if she didn't keep quiet calmly.

(b) He said calmly that I shall shoot you if you don't be quiet.

(c) He warned her calmly that he would shoot her if she didn't keep quiet.

(d) Calmly he warned her that be quiet or else he will have to shoot her.

174. He says, "Ram is a good player"

(a) He says that Ram is a good player.

(b) He says that Ram will be a good player

(c) He says that Ram was a good player

(d) He said that Ram was a good player

175. Rita says, "Kishore sang a song".

(a) Rita says that Kishore sings a song.

(b) Rita says that Kishore sang a song.

(c) Rits says that Kishore had sang a song.

(d) Rita says that Kishore was sang a song.

176. He said, "Shall I ever forget her?"

(a) He wondered if he would ever forget her.

(b) He wonders if he would ever forget her.

(c) He wondered that he would ever forget her.

(d) He told that he would ever forget her.

177. Kali will say, "Mira will swim in the river."

(a) Kali will say that Mira will swim in the river

(b) Kali will say that Mira would swim in the river

(c) Kali says that Mira will swim in the river

(d) Kali will say Mira will swim in the river

178. The teacher said to Ram. " Why are you wasting your time"?

(a) The teacher told Ram that why was he wasting his time.

(b) The teacher asked Ram that why was he wasting his time.

(c) The teacher asked Ram why he was wasting his time.

(d) The teacher asked Ram why was he wasting his time.

179. Mohan said to his friend, "Let me go home now".

(a) Mohan requested his friend let him go home then.

(b) Mohan requested his friend that he

might be allowed to go home then.

(c) Mohan requested his friend to go home.

(d) Mohan told his friend to go him home.

180. I said to him, "Let us go to the river for swimming."

(a) I proposed him that we should go to the river for swimming

(b) I asked him that we should go to the river for swimming.

(c) I proposed to him that we should go to the river for swimming

(d) I requested him to go for swimming

181. The washerman said, "It has been raining since morning."

(a) The washerman said that it had been raining since morning.

(b) The washerman told that it had been raining since morning.

(c) The washerman said it had been raining since morning.

(d) The washerman said that it was raining since morning.

182. The boys said, "The teacher did not come."

(a) The boys said that the teacher has not come.

(b) The boys said that the teacher had not come.

(c) The boys told that the teacher had not come.

(d) The boys said that the teacher had not coming.

183. The teacher said, "John, why are you always late"?

(a) The teacher asked why he was always late.

(b) The teacher asked John why he was always late.

(c) The teacher asks John why he was always late.

(d) The teacher asked John why he were always late.

184. My sister said to me , "I sent you the book."

(a) My sister told me that she had sent me the book.

(b) My sister told that she had sent me the book.

(c) My sister told me if she had sent me the book.

(d) My sister told me that she sent me the book.

185. He said, "Alas! I am undone."

(a) He exclaimed that he was undone.

(b) He exclaimed for sorrow that he

was undone.

(c) He exclaimed with sorrow that he was undone.

(d) He exclaimed with sorrow that he were undone.

Directions: Fill in the blanks with the correct word / phrase out of the given choices:

186. .... people like this area a lot.

    (a) Elder   (b) Older

    (c) The old   (d) More elder

187. It's one of the most beautiful countries.........

    (a) On the earth   (b) In the world

    (c) On the globe   (d) On the world

188. I know it sounds unreasonable but it.........that she will never come back.

    (a) Is possible

    (b) Could be possible

    (c) Could be possibly

    (d) Is possibly

189. Our friends, whom we haven't seen in a long time.......last night.

    (a) Appeared in our home

    (b) Came in our home

    (c) Came to our home

    (d) Came by

190. The world needs to depend on other energy sources,.......... petroleum and other natural resources.

    (a) Beside   (b) Likewise

    (c) Besides   (d) Also beside

Directions: Fill in the blanks with the correct preposition out of the given choices:

191. Ralph was late.......work again. He may be fired.

    (a) On   (b) At

    (c) For   (d) To

192. Naomi is keen .... working in Africa this coming year.

    (a) Of   (b) For

    (c) On   (d) At

193. He's been suffering ....migraine headache again.

    (a) With   (b) From

    (c) Of   (d) About

194. Such a bad behavior is typical..........the spoiled child.

    (a) For   (b) With

    (c) About   (d) Of

195. Karen is very jealous...........Kim and it's very obvious to others.

    (a) Of   (b) About

(c) At   (d) With

Directions: Each sentence in the following questions has one or two blanks, each blank indicates that something has been omitted beneath the sentence are four words or set of words. Choose the word or set of words for each blank that best fits into the meaning of the sentence as a whole:

196. She stoically revealed that armed robbers had ransacked the house and..........added that her grandparents could not survive.

(a) Euphemistically

(b) Gravely

(c) Soberly

(d) Miserably

197. Ronnie was shocked to see his score in Mathematics, getting one mark short was nothing short of a.......

(a) Parody   (b) Heresy

(c) Travesty   (d) Carrion

198. He cleverly drew upon the .... motives of his colleagues and made them contribute to the ....fund.

(a) Miserly, sincere

(b) Insular, relief

(c) Craven, justice

(d) Altruistic, dubious

199. The world is..................,its sufferings....................

(a) Perfect, imaginary

(b) Just, scarce

(c) Diverse, sparse

(d) Imperfect, random

200. There were two baskets kept for the garbage's disposal, one was marked .... and one was marked .... to simplify matters.

(a) Low, high

(b) Upward, downgraded

(c) Parasitic, renewable

(d) Biodegradable, recyclable

Key:

1 B	2 B	3 D	4 A	5 B
6 B	7 B	8 D	9 C	10 B
11 A	12 C	13 C	14 C	15 C
16 D	17 D	18 D	19 B	20 A
21 C	22 B	23 C	24 D	25 B
26 A	27 A	28 A	29 B	30 D
31 B	32 B	33 A	34 D	35 C
36 C	37 C	38 D	39 D	40 A
41 D	42 C	43 B	44 D	45 B
46 C	47 A	48 B	49 C	50 A
51 B	52 C	53 B	54 C	55 A
56 D	57 D	58 B	59 B	60 D
61 C	62 A	63 B	64 B	65 C
66 B	67 C	68 C	69 B	70 D
71 B	72 B	73 C	74 C	75 C

76 B	77 B	78 B	79 A	80 A
81 A	82 D	83 C	84 B	85 D
86 B	87 B	88 C	89 D	90 B
91 A	92 D	93 D	94 D	95 D
96 A	97 C	98 A	99 D	100 D
101 A	102 B	103 D	104 D	105 B
106 D	107 D	108 A	109 C	110 D
111 D	112 B	113 A	114 A	115 C
116 A	117 D	118 C	119 C	120 A
121 D	122 D	123 C	124 A	125 B
126 B	127 D	128 C	129 D	130 C
131 A	132 A	133 C	134 C	135 D
136 A	137 D	138 B	139 C	140 B
141 C	142 B	143 B	144 C	145 B
146 C	147 D	148 D	149 B	150 B
151 A	152 D	153 A	154 B	155 A
156 C	157 D	158 D	159 C	160 C
161 D	162 D	163 B	164 D	165 C
166 A	167 B	168 C	169 D	170 D
171 C	172 D	173 C	174 A	175 B
176 A	177 A	178 C	179 B	180 C
181 A	182 B	183 B	184 A	185 C
186 B	187 B	188 A	189 D	190 C
191 C	192 C	193 B	194 D	195 A
196 A	197 C	198 D	199 D	200 D