PART – I (MENTAL ABILITY)

1. In a certain code 'THEM' is written as '1234' and 'WHEN' is written as '5238'. How is 'MENT' written in that code?
   - a) 3418
   - b) 3481
   - c) 4381
   - d) 4318

2. In a certain code, P is #, A is %, C is ϕ and E is @. How is 'PACE' written in that code?
   - a) # ϕ # %
   - b) ϕ % @ % ϕ
   - c) # % ϕ @
   - d) % @ # ϕ

3. If BET = ROD, CAN = SIM and MUG = LAN, then MEN =?
   - a) LOM
   - b) OLM
   - c) MOL
   - d) LMO

4. In a certain code 'ni tim si' means 'How are you' 'ble ni si' means 'where are you', Then which of the following word is used for 'where'?
   - a) ni
   - b) tim
   - c) si
   - d) ble

5. In a certain code 'na pa ka so' means 'birds fly very high' 'ri so la pa' means 'birds are very beautiful' and 'ti me ka bo' means 'the parrots could fly'. Which of the following is the code for 'high' in that language?
   - a) na
   - b) ka
   - c) bo
   - d) so

   DIRECTIONS (6-10): In the following question, choose the MISSING term out of the given alternatives.

6. QYK, ?, ISG, EPE
   - a) NWJ
   - b) MVI
   - c) NVI
   - d) MVQ

7. DIB, HMF, LQJ, ?
   - a) OTM
   - b) QVO
   - c) PVO
   - d) PUN

8. NOA, PQB, RSC, ?
   - a) TUD
   - b) DTU
   - c) ENO
   - d) FNQ

9. $5, 9, 16, 29, 54, ?$
   - a) 103
   - b) 105
   - c) 109
   - d) None of these

10. $2, 6, 12, 20, 30, ?$
    - a) 42
    - b) 40
    - c) 49
    - d) 52

    DIRECTIONS(Q. No. 11-13): Read the following information carefully and answer the questions given below;

1. A x B means A is the mother of B
2. A – B means A is the brother of B
3. A + B means A is the sister of B
4. A / B means A is the father of B

11. Which of the following means 'R' is maternal uncle of 'T'?
    - a) R - M x T
    - b) R +M x T
    - c) T x M – R
    - d) T x M / R

12. Which of the following means 'F' is paternal grandfather of 'H' ?
    - a) F –J /H
    - b) F / J – H
    - c) F / J /H
    - d) H / J / F

13. How is 'K' related to 'M' in R/M-K ?
    - a) Son
    - b) Daughter
    - c) Nephew
    - d) None of these

    Directions (14-16): Pick out the word in each of the following questions that is different.

14. Rice, wheat, barley, millets, gram
    - a) wheat
    - b) barley
    - c) millets
    - d) gram

15. Aristocracy, government, monarchy, oligarchy, plutocracy
    - a) government
    - b) monarchy
    - c) plutocracy
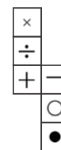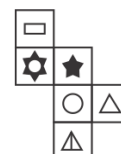   - d) oligarchy

16. a) 81 : 243
    - b) 16 : 64
    - c) 256 : 1024
    - d) 625 : 3225

17. When the following figure is folded to from a cube, then which symbol is opposite to+?

    - a) ●
    - b) ○
    - c) —
    - d) ×

18. When the following figure is folded to form a cube, then which symbol is the opposite of symbol $\triangle$?

a) □   b) △

c) ✡   d) ○

19. A boy starts from home in early morning and walks straight for 8 km facing the sun. Then, takes a right turn and walks for 3 km. then, he turns right again and walks for 2 km and then turns left and walks for 1 km. then, he turns right, travels 1 km and then turns right and travels from 4 km straight. How far is he from the striating point?
a) 5km   b) 6km
c) 2km   d) 4km

20. One morning at 7 O'clock, Naresh started walking with his back towards the Sun. Then, he turned towards left, walked straight and then turned towards right and walked straight. Then he again turned towards left. Now, in which direction is he facing?
a) north   b) east
c) west   d) south

Directions(21-23): In each of the questions below are given two statements followed by three conclusions numbered I, II, and III. You have to take the given statements to be true even if they seen to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

21. Statements: All bulbs are tables. Some bulbs are pots.
Conclusion:
I. All pots are tables.
II. No pot is table.
III. Some pots are tables.
a) Only I   b) Only II
c) Only III   d) Only I and II

22. Statements: All rats are bells. All bells are cars.
Conclusion:
I. All bells are rats.
II. Some car are neither bells nor rats.
III. No car is rat.
a) Only I   b) Only II
c) Only III   d) None of these

23. Statements: All roads are trees. No tree is soap.
Conclusion:
I. No soap is road.
II. Some trees are roads.
III. No road is soap.
a) Only I   b) Only II

c) Only III   d) None of these

24. If 'P' means 'divided by', 'R' means 'multiplied by', 'T' means 'added to' and 'W' means 'subtracted from' then
60 T 48 P 8 W 6 R 9 = ?
a) 12   b) $61\dfrac{1}{23}$
c) $-40\dfrac{1}{2}$ d) 24

25. If L denotes ×, M denotes ÷, P denotes + and Q denotes −, then 16 P 24 M 8 Q 6 M 2 L 3 = ?
a) $\dfrac{13}{2}$ b) $-\dfrac{1}{6}$
c) $14\dfrac{1}{2}$ d) 10

Direction-(26-27) find the similar relation

26. ABA : ECE : : ….. : ……
a) LML : NON   b) NRIDI : OFO
c) PQP : STS   d) CDC : GEG

27. 8 : 28 : : 27 : ?
a) 8   b) 28
c) 64   d) 65

28. A group of alphabets are given with each being assigned a numerical code. These have to be unscrambled into a meaningful word and the correct code so obtained may be indicated from the given responses?

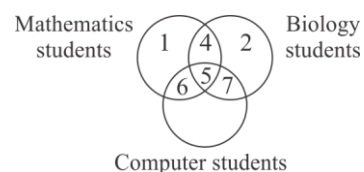| R	A	H	K	S
1	2	3	4	5

a) 51234   b) 54213
c) 53214   d) 53124

29. From the given alternative words, select the word which cannot be formed using the letters of the given word:
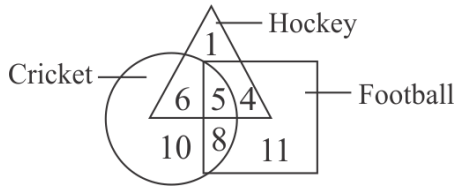'COMPREHENSION'
a) COMPRISE   b) PENSION
c) ONION   d) PREACH

30. Identify the region that represents students studying Biology and Computer not Mathematics.
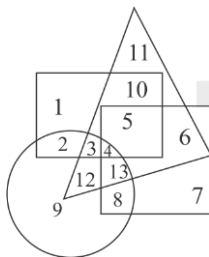

a) 5   b) 7
c) 1   d) 3

31. In the following diagram, the circle represents Cricket players, the triangle represent Hockey players and the square represents Football players. How many play both Football and Hockey?

a) 5   b) 9
c) 8   d) 4

32. In the following diagram, police officer represents circle, corrupt represents triangle, poet represents square, married represents rectangle. The area representing unmarried police officers who are not corrupt but are poets is

a) 8   b) 17
c) 21   d) 13

33. The date of birth of Anup falls after 24th day of a particular month. The date of birth of his mother is a single digit date and matches with the 1st digit of Anup's date of birth. If sum of the 2 digits of date of birth of Anup is 4. What is the date of birth of his mother?
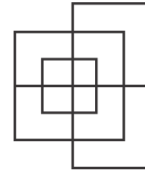a) 3   b) 2
c) 4   d) 1

34. What is the acute angle between the hands of a clock at 15 minutes past 5?
a) $72\frac{1}{2}°$ b) $67\frac{1}{2}°$
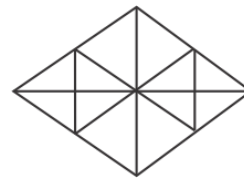c) $58\frac{1}{2}°$ d) 64°

35. Find the minimum number of straight liens required to make the given figure.

a) 13   b) 15
c) 17   d) 19

36. Find the number of triangles in the given figure.

a) 16   b) 22
c) 28   d) 32

37. Among P, M, R, T and J. M is older than R and T. J is older than M and is not the oldest. Who is the oldest?
a) R   b) P
c) R or T   d) Data inadequate

38. Five friends M, K, T, P and N are sitting around a circle facing towards the centre. K is sitting between M and P. N is to the immediate right of M. Who is to the immediate right of T?
a) K   b) P
c) N   d) Data inadequate

39. If in the word DOLUMENT all the vowels are increased by 1 and all the consonent decreased by 1 then which letter will be fifth from right?
a) D   b) T
c) U   d) V

40. In a row of children facing north Samir is 17th from the left end of the row and second to the right of Jyoti who is 15th from the right end of the row. How many children are there in the row?
a) 30   b) 29
c) 31   d) 34

PART – II (GENERAL KNOWLEDGE)

41. A book . "A Promished Land" is written by
a) Ruskin Bond   b) Barack Obama
c) Chetan Bhagat   d) Dalai Lama

42. Manisha got VLCC Femina Miss India World 2020. She belongs the state-----
a) Varanasi   b) Lucknow
c) Patna   d) Allahabad

43. **A famous book "Shuttling to the Top: The Story of P.V. Sindhu" is written by---------**
    a) Harvey J. Alter b) Charles M. Rice
    c) Michael Houghton d) V. Krishnaswamy

44. **Neon Lamp in 1915 discovered by--------------**
    a) Georges Claude b) Charles M. Rice
    c) Charles M. Rice d) None of these

45. **Who awarded Dadasaheb Phalke Award of Critic's Best Actor?**
    a) Deepika Padukone
    b) Akshay Kumar
    c) Kiara Advani
    d) Sushant Singh Rajput

46. **President Ramnath Kovid Honored a Padma Shri Awards to a person of Maharashtra for Literature and Education is-----**
    a) Shinzo Abe
    b) Rajnikant Devidas Shroff
    c) Namdeo C. Kamble
    d) None of these

47. **Rocket Engine in 1926 was discovered by-----**
    a) Robert H. Goddard
    b) Wilhelm Conrad Roentgen
    c) Richard Gatling
    d) Georges Claude

48. **Which of the following are NOT correctly matched?**

A	13th Feb	World Radio Day
B	20th Feb	World day of Social Justice
C	21st Feb	International Mother Language Day
D	24th Feb	Central Excise Day

49. **Cell was first discovered in 1665 by-----**
    a) Thomus Cook b) Robert Hook
    c) Charles Wood d) None of the above

50. **Who was known as "Nepolean of India" of Gupta dynasty?**
    a) Sree Gupta b) Chandragupta I
    c) Samudragupta d) None of the above

51. **In which session Gandhiji became as president of Indian National Congress?**
    a) Nagpur b) Bombay
    c) Belgam d) None of the above

52. **Arrange in order of different layers of earth from Lower to upper.**
    a) Crust, Mantle and Core
    b) Core, Mantle and Core
    c) Mantle, Crust and Core
    d) Sial, Sima and Nife

53. **Narrow Strip of land which separates two large landmasses is called.**
    a) Lake b) Straight
    c) Isthmus d) None of the above

54. **The highest range of Himalaya is also called.**
    a) Shahyadri b) Himadri
    c) Indrani d) None of the above

55. **The highest point of Eastern Ghat of Southern India is---**
    a) Mahendragiri b) Garo
    c) Anaimudi d) Dodabeta

56. **Vitamin K was discovered in 1929 by--**
    a) Herbert McLean Evans
    b) Katherine Scott Bishop
    c) Henrik Dam
    d) None of the above

57. **How many parts are there in the Indian Constitution?**
    a) 25 b) 22
    c) 12 d) 29

58. **-----------can make laws on subject related to Concurrent List.**
    a) Parliament only
    b) State Legislature only
    c) Both 'a' and 'b'
    d) Neither 'a' nor 'b'

59. **Who was the chief guest on celebration of 26th January 2021 in India? But cancelled his visit.**
    a) Boris Johnson b) Prayuth Chan-ocha
    c) Nguyễn Xuân Phúc d) None of these

60. **What is the unit used to measure the depth of sea?**
    a) Fathom b) Kilometre
    c) Mile d) All of these

61. **Astigmatism can be corrected by .**
    a) Cylindrical lenses b) Concave lenses
    c) Convex lenses d) All of these

62. **Lord Buddha was died at Kushinagar in Uttar Pradesh on------.**
    a) 563 A.D. b) 483 B.C.
    c) 593 B.C. d) 563 B.C.

63. **Tocan Currency was introduced by-------**
    a) Mohammad Bin Tughalaq
    b) Mohammad Ghori
    c) Mahmood Ghaznavi
    d) Qutab-Uddin Aibak

64. **First Panchayati Raj election held in India at ------**
    a) Nagaur b) Bombay
    c) Madras d) Delhi

65. **Who was the last Indian Governor – General of India?**
    a) S. N. Sinha
    b) Sarvapalli Radha Krishnan
    c) C.R.Gopalachari
    d) Erwin

66. Which of the following are NOT correctly matched?

A	Government of India Act, 1919	Establishment of Supreme Court
B	Government of India Act, 1935	Provincial-autonomy
C	Government of India Act, 1909	Separate electorate
D	Cabinet Mission	Constituent Assembly

67. The provision of President rule under Article .... of the Constitution.

a) 14   b) 154(1)
c) 155   d) 356

68. A short-term government security paper is called
a) Share   b) Debenture
c) Mutual fund   d) Treasury bill

69. WTO basically promotes
a) Financial support   b) Global peace
c) Unilateral trade   d) Multilateral trade

70. Which city is host to the 107th edition of the Indian Science Congress (ISC)?
a) New Delhi   b) Lucknow
c) Kolkatta   d) Bengaluru

PART – III (TEACHER APTITUDE)

71. If majority of students in your class are weak a teacher should
a) Not care about the intelligent students
b) Keep your speed of teaching fast so that students comprehension level may increase
c) Keep your teaching slow
d) Keep your teaching slow along with some extra guidance to bright pupils

72. A teacher when he is not able to draw the attention of his students then he should
a) Evaluate his teaching method and improve it
b) Resign from the post
c) Find fault in his pupils
d) Start dictating

73. Arrange all the following teaching process in order
i) Formulating objectives
ii) Relating the present knowledge with the previous knowledge
iii) Presentation of materials
iv) Evaluation
v) Re-teaching

A	(i)	(ii)	(iii)	(iv)	(v)
B	(ii)	(i)	(iii)	(iv)	(v)
C	(v)	(iv)	(iii)	(i)	(ii)
D	(iv)	(i)	(v)	(ii)	(iii)

74. Under the following find out the most important single factor in underlying the success of beginning a teacher?
a) Scholarship
b) Communicative ability
c) Personality and its ability to relate to the class and to the pupils
d) Organisational ability

75. In the field of education Which is permeated by conflicts and misconception?

a) Problems in education call for subjectivity of interpretation
b) Problems encountered in teaching are not amenable to rigorous scientific investigation
c) There are not good teaching methods and procedures
d) Teachers are not worthy of doing rigorous scientific investigation

76. If some students misbehave with you in the college campus you must
a) Report to the principal
b) Report to their parents
c) Improve their behaviour by your own character and scholarship
d) Mmobilize other teachers against these guys

77. If back-benchers are always talking in the classroom a teacher should
a) Let them do what they are doing
b) Punish them
c) Ask them to sit on the front benches
d) None of these

78. What are the use of telecast materials?
a) Enhances concentration and learning
b) Reduces the burden of the teacher
c) Increases retention power
d) All of the above

79. How do nmaximum participation of students is possible in teaching?
a) Through the lecture method
b) Through the discussion method
c) Through the textbook method
d) Through the audio-visual aids

80. What is NOT an effective teaching means in all of the following statements?
a) A teacher teaches with enthusiasm
b) A teacher finds fault in his students

c) A teacher puts emphasis more on teaching than on class control

d) A teacher is interested in making the subject matter understood rather than on completing the course

81. **In the classroom a teacher should keep the pitch of his voice**
    a) High enough
    b) Low
    c) Moderate
    d) Sometime low and sometime high

82. **Find out some basic qualities of a teacher from these given statements.**
    a) Should introduce the lesson before he starts teaching
    b) Should have command over his language
    c) Should have command over his subject
    d) All of the above

83. **If some students are not able to follow, you should**
    a) Give them prompt
    b) Make the matter easy
    c) Illustrate with examples
    d) All of the above

84. **After lecture if remarks are passed by students on you, as a teacher, you will**
    a) Punish them
    b) Expel them from the college
    c) Take revenge while evaluating internal test copies
    d) Be impartial at the time of evaluation

85. **Which is not an effective characteristic features of teacher under the given statements?**
    a) Emphasis upon standard
    b) Emphasizing group discussion for the purpose of clarifying the objectives
    c) Emphasis upon the quick control of the problematic situation
    d) Differential treatment meted out to students of his class

86. **If some students fail in the examination it is the fault of**
    a) The teacher   b) The principal
    c) Pupils themselves d) Text books

87. **If a teacher is not able to give answer of pupil's question he should**
    a) Say that he will answer after consultation
    b) Rebuke the pupil
    c) Say that the question is wrong
    d) Feel shy of his ignorance

88. **For which standard students Micro teaching is useful?**
    a) Primary classes only
    b) Junior classes only
    c) 10 + 2 classes only
    d) Higher classes and primary classes both

89. **The greatest important cause of failure in beginning for a teacher lies in the area of**
    a) Inter-personal relationship
    b) Verbal ability
    c) Knowledge of the teacher
    d) Tight handling of the students

90. **The introduction of career courses in schools and colleges aims at**
    a) Developing the ability to make the intelligent choice of jobs
    b) Providing professional knowledge to students
    c) Increasing G.K. in students
    d) All of the above

91. **According to Plato the main role of education was---**
    a) To develop the power of contemplation
    b) To, develop the personality of each individual
    c) To strengthen the 'state
    d) All of the above

92. **Features of democratic society is/are which**
    a) Follows the principles of equality, freedom, fraternity and justice
    b) Respects the enlightened individuals
    c) Believes in equal educational opportunity
    d) All of the above

93. **The major responsibility with which the school personnel's have been entrusted is that**
    a) It harmonizes the needs of the child and demands of the society for the benefit of both
    b) It makes the child able to get job
    c) It prepares the school programme according to the need of the child
    d) All of these

94. **Classroom discipline can be maintained effectively by**
    a) Knowing the cause of indiscipline and handling it with stern hand
    b) Providing a programme which is according to the interest of the pupils
    c) By putting on fancy clothes in the classroom
    d) None of the above

95. **A teacher in the class is**
    a) The president of the group
    b) A director of the group
    c) A leader and guide of the group
    d) All of the above

96. **If a student becomes unconscious in the class what will you do first?**

a) Rushing to the principal's office and canvassing for help impatiently
b) Telephoning student's parents and waiting for them
c) Giving first aid to him and trying to contact any nearby doctor
d) Making arrangement to send him to his home

97. Which child may have hearing impairment?
a) If he speaks loudly unusually
b) If he comes nearer to the speaker during conversation
c) If he generally says, "Please repeat" to the teacher
d) All of the above

98. If a student is constantly rubbing his eyes and is inattentive during blackboard work he is having
a) Adjustment problem

b) Hearing problem
c) Visual problem
d) All of the above

99. In respect of teacher-student relationship, which one of the following is appropriate?
a) Very informal and intimate
b) Limited to classroom only
c) Cordial and respectful
d) Indifferent

100. During live classroom situation, there is likely to be
a) Occasional roars of laughter
b) Complete silence
c) Frequent teacher-student dialogue
d) Loud discussion among students

ANSWER KEY

1.c	21.c	41.b	61.a	81.c
2.c	22.d	42.a	62.b	82.d
3.a	23.d	43.d	63.a	83.d
4.d	24.a	44.a	64.c	84.d
5.a	25.d	45.d	65.a	85.d
6.b	26.d	46.c	66.d	86.c
7.d	27.d	47.a	67.d	87.a
8.a	28.c	48.d	68.d	88.d
9.a	29.d	49.b	69.d	89.a
10.a	30.b	50.c	70.b	90.d
11.a	31.b	51.c	71.a	91.d
12.c	32.a	52.b	72.a	92.d
13.d	33.a	53.c	73.d	93.a
14.d	34.b	54.b	74.c	94.a
15.a	35.a	55.a	75.b	95.c
16.b	36.c	56.c	76.c	96.c
17.d	37.b	57.a	77.c	97.d
18.a	38.b	58.c	78.d	98.c
19.a	39.d	59.a	79.b	99.c
20.d	40.b	60.a	80.b	100.c

❖❖❖