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MH B. Ed MT 04

No of Questions : 100

Time: (1.5 Hrs) Full Marks : 100

PART - I (MENTAL ABILITY)

- If 'Apple is called 'Orange', 'Orange' is called 1. 'Peach', 'Peach' is called 'Potato', 'Potato' is called 'Banana', 'Banana' is called 'Guava', which of the following grows underground?
 - Guava Potato b) a)
 - c) Apple d) Banana
- If 'green' is called 'white', 'white' is called 2. 'yellow', 'yellow' is called 'blue', 'blue' is called 'pink' and 'pink' is called 'black', then what is the colour of milk?
 - green blue a) b)
 - pink c) d) yellow
- In a certain code TILE is written as 7235 and DEAL 3. is written as 9543. How is DIET written in that code?
 - a) 9257 b) 9752
 - 7495 c) 9357 d)
- If 'blue' is called 'black', 'black' is called 'green', 4. 'green' is called 'white', 'white' is called 'red', 'red' is called 'grey', then what is the colour of grass.
 - a) white b) blue
 - yellow c) red d)
- If GOLD is coded as HOME, COME is coded as 5. DONE and CORD is coded as DOSE, how would you code SONS?
 - a) TPOT b) TOOT d) TONT c) TOOS

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

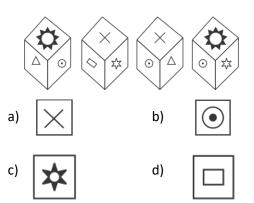
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6.	QPO, SRQ, UTS, WVU, (?)					
	a)	XVZ	b)	YXW		
	c)	ZYA	d)	VWX		
7.	LXF, MTJ, NPN, OLR,?					
	a)	PHV	b)	PIU		
	c)	PJW	d)	РКХ		
8.	DILQTYBG?					
	a)	Н	b)	I		
	c)	J	d)	Р		
9.	1, 2, 7, 7, 13, 12, ?					
	a)	19	b)	18		
	c)	12	d)	14		
10.	5, 6, 10, 19, 35?					
	a)	50	b)	55		
	c)	60	d)	71		

- 11. A is father of X: B is mother of Y. The sister of X and Z is Y. Which of the following statements is definitely not true?
 - B is the mother of Z a)
 - X is the sister of Z b)
 - c) Y is the son of A
 - d) B has on daughter
- 12. P's father Q is B's paternal uncle. How is A related to B?

Aunt

- Cousin b) a)
- Mother Data inadequate c) d)
- 13. Shobha is the niece of Ashish. Ashish's mother is Priya. Kamla is Priya's mother. Kamla's husband is Hari. Krishna is the mother-in-law of Hari. How is Shobha related to Hari?
 - Daughter a)
 - Great granddaughter b)
 - c) Grand niece
 - d) Great grandson's daughter
- 14. Which one of following fruits is different from the other three?
 - a) Apple b) Mango
 - c) Watermelon d) Guava
- 15. Which one of following numbers is different from the other three?
 - a) 20-11 b) 15-14
 - 30-14 c) d) 45-8
- 16. Which one of following is wrongly matched?
 - a) Red fort, Delhi
 - Great Wall of China, China b)
 - c) Humayun tomb, Delhi
 - White House, Moscow d)
- 17. Which symbol is at the opposite of the symbol Δ

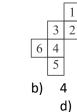


a)

6

c) 5

18. When the following figure is folded to form a cube, then which number is at the opposite of number 2?



19. Roy walks 2 km to east, then turns north-west and walks 3 km. then, he turns south and walks 5 km. then, again he turns west and walks 2 km. finally, he turns north and walks 6 km. in which direction, is he from the starting point?

1

- a) south west b) south east
- c) north west d) north east
- 20. Pran and khan start from their office and walk in opposite direction, each travelling 10 km. Pran then turns left and walk 10 km. while khan turns right and walks 10 km. how far they are now from each other?
 - a) 0 km b) 5 km
 - c) 10 km d) 20 km

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: Some hotels are bricks. All bananas are bricks.

Conclusion:

- I. Some bananas are hotels.
- **II.** Some bricks are hotels.
- III. No banana is hotel.
- a) Only I and II
- b) Only II and III
- c) Only I follows
- d) Only II and either I or III
- **22. Statements:** Some books are lamps. Some lamps are rods.

Conclusion:

- I. Some books are rods.
- II. No rod is either book or lamp.
- III. All rods are lamps.
- a) Only either I or II
- b) Only I and III follow
- c) Only II and III follow
- d) None follows
- **23.** Statements: All tables are boxes. Some boxes are

windows.

- Conclusion:
- I. Some tables are windows.
- II. All boxes are tables.
- **III.** No window is table.
- a) Non follows
- b) Only either I or III follows
- c) Only both II and III follow
- d) Only I and II follow
- 24. If the given interchanges namely: signs + and ÷ numbers 2 and 4 are made in sign and numbers, which one of the following four equations would be correct?
 - a) $2+4 \div 3=3$
 - b) $4+2\div 6=1.5$
 - c) $4 \div 2 + 3 = 4$
 - d) $2+4\div 6=8$
- 25. Which one of the four interchanges in signs and numbers would make the given equation correct?
 - 3+5-2=0
 - a) + and –, 2 and 3
 - b) + and –, 2 and 5
 - c) + and -, 3 and 5
 - d) None of these

Direction (26-27) Find the similar relation

- 26. Moon : Satellite : : Earth : ?
 - a) Sun b) Planet
 - c) Solar system d) Round
- 27. Umpire : Game : : ?
 - a) Prodigy : Wonder
 - b) Chef : Banquet
 - c) Legislator : Election
 - d) Moderator : Debate
- 28. From the given alternative words, select the word which can be formed using the letters of the given word

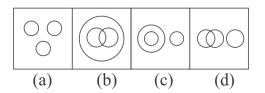
DEMOCRACY

- a) SECRECY b) MICRO
- c) MARCY d DEMON
- 29. From the given alternative words, select the word which cannot be formed using the letters of the given word

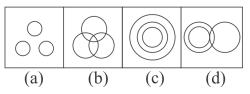
INCARCERATION

- a) RELATION b) TERRAIN
- c) INACTION d) CREATION
- **30.** Which one of the following diagrams correctly represents the relationship among thieves,

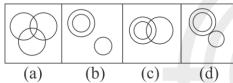
police and criminals?



31. Which one of the following diagrams represents the correct relationship among teachers, educated, employed?



32. Which one of the following diagrams best depicts the relationship among boys, students and athletes?



- 33. Satish read a book on Sunday. Sudha read that book 1day prior to anil but 4 days after satish. On which day did anil read the book?
 - Thursdays Friday b) a)
 - c) Tuesday d) Saturday
- 34. Find the angle between the two hands (minute hand and hour hand) of a clock at 15 minutes past 4 o'clock.

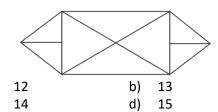
b)

d)

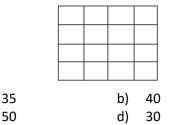
37.5°

32.5°

- a) 35.5°
- c) 30°
- 35. How many triangles are there in the following figure?



36. How many squares are there in the given figure?



- 37. Among M. N, T, R and D each having a different height, T is taller than D but shorter than M. R is taller than N but shorter than D Who among them is the tallest?
 - D b) Т a)
 - c) Μ d) R
- 38. Among 5 children T, Q, H, J and F each having a different height. T is taller than only J and H is shorter than only F. who among them is the 3rd in order of height?
 - a) F. b) Q н d) c) J
- 39. Among M, N, D, P and W, D is taller than M and W. P is taller than D and N. Who among them is shortest?

b)

W

a) M c) D

a)

c)

a)

c)

- None of these d)
- 40. The positions of how many digits in the number 4231576 will remain unchanged after the digits within the number are arranged in ascending order?

44. The rockcut temples of Mahabalipuram were

45. During the reign of which of the following

b)

d)

b)

Pandya kings

Sungas

Satavahan kings

a) None b) 1 c) 2 d) 3

built under the patronage of the

dynasties did Kalidasa flourish?

Chola kings

Mauryas

Pallava kings

PART – II (GENERAL KNOWLEDGE)

a)

c)

a)

c)

- 41. Where did Queen of Jhansi Rani Lakshmi Bai die during fighting against the British?
 - a) Kanpur b) Nepal
 - Morar d) Gwalior c)
- 42. Where was Sirajuddaulah fought Battle of Plassey in1757 against the British?
 - Bombav b) Madras a) c)
 - d) Delhi Calcutta
- 43. Chinese pilgrim who visited India during the Gupta period was
 - a) Li Xiu b) **Hiuen Tsang**
 - I ching d) Fa Hien c)
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- d) Guptas Vardhanas 46. Which one of the periods marks the beginning of
 - the Indian temple architecture? a) Nanda b) Maurya
 - Sunga d) Gupta c)

- 27. Who Assumed the title of 'Vikramaditya'? Ashoka Chandragupta II a) b) Kanishka Samudragupta c) d) 28. Our National Anthem "Jan Gan Man" first sung at a) Calcutta b) Madras c) Bombay d) Delhi 29. Government of India Act of 1919 is also known as The Montegue Chaelmsford Reform a) b) Morley Minto Reform Magnacarta to British c) d) None of these 50. Banking, Intellectual Properties, Corporation Tax and Census are subjects belong to which list? Union List b) State List a) **Residuary power Concurrent List** d) c) 51. Infectious plant diseases are caused by bacteria, fungi, or viruses and can range in severity from mild leaf or fruit damage to death. Find out which are NOT a bacterial disease. a) Aster yellows b) Panama disease Crown gall d) c) Scab, 52. Cohesive forces between molecules cause the surface of a liquid to contract to the smallest possible surface area) This general effect is called ----Surface Tension b) Adhesive Forces a) **Capillary Action** c) Cohesive Forces d) 53. Which is the largest internal and diverse metabolically complicated organ in humans? The Skin a) b) The Liver c) Thyroid d) Pituitary 54. Our lungs contain hundreds of millions of mucuslined sacs called ------Femur a) Alveoli b) d) – None of the above c) Trachea 55. The period from 1206 to 1290 in Indian history of---a) Slave dynasty b) Khilji dynasty Sayyid dynasty c) Tughlaq dynasty d) 56. Which day is celebrated as civil service day? a) 2lth April b) 23rd April 29th April c) d) 4th May 57. Bepi Colombo, which was in news recently, is a spacecraft launched to explore which planet/ celestial body? a) Saturn b) Mars d) Venus c) Mercury 58. Which country has the highest TB burden across
- the globe at 26 per cent, as per the recent report of WHO?
 - a) Nigeria
 - India b)

- c) **Central African Republic**
- d) Republic of the Congo
- 59. According to Article 164 (1) of the Constitution of India, in three states there shall be a Minister incharge of tribal welfare who may in addition be in-charge of the welfare of the Scheduled Castes and Backward Classes.

Which of the following states is NOT covered by the Article?

- Madhya Pradesh b) Jharkhand a)
- Orissa d) Punjab c)
- 60. A book "Legend of Suheldev: The King Who Saved India" written by---
 - Amish Tripathi a) b) Geeta Nayer
 - Sachin Tendulkar d) c) None of these
- 61. In a Battery, which energy is converted into **Electrical energy?**
 - Infrasonic a) b) Light Years
 - c) Chemical Energy d) None of these
- 62. The longitudinal mechanical waves of less than 20 Hz are called.
 - Infrasonic **Light Years** a) b)
 - None of these c) Chemical Energy d)
- 63. Distance of stars is measured in?
 - a) Infrasonic b) **Light Years**
 - c) Chemical Energy d) None of these
- 64. Best International Feature Film-----
 - Parasite a) b) Tanhaii
 - None of these Chhapak d) c)
- 65. Under which market condition do firms have excess capacity?
 - Perfect competition a)
 - b) Monopolistic competition
 - c) Duopoly
 - d) Oligopoly
- 66. Price theory is also known as-----
 - a) Macro Economics
 - b) **Development Economics**
 - c) **Public Economics**
 - d) **Micro Economics**
- 67. The State government of Delhi presented the annual financial statement "Budget" of Rs.69,000-crore in the State Assembly. The government termed the budget as------
 - Desh Bhakti Budget a)
 - b) Gandhi Budget
 - d) Mahila Budget
 - d) None of these
- 68. Dr Harsh Vardhan was nominated as a member of -----
 - GAVI board a) b) NABARD
 - SIDBI IDBI d)

c)

- 69. Brazilian Mathematician -----became the first non-Indian to win Ramanujan Prize for Young Mathematicians.
 - a) Carolina Araujo
 - b) Boris Johnson

- c) Prayuth Chan-ocha
- d) Nguyen Xuan Phuc
- 70. Kal Baisakhi is a-----.

c)

a)

- a) Festival b) Wind
 - Place d) Event
- PART III (TEACHER APTITUDE)
- 71. A student wants to share his problem with his teacher and visits the teacher for the same at his home. In such a situation, the teacher should
 - a) Suggest to him to escape from his home
 - b) Contact the student's parents and provide help
 - c) Extend reasonable help and boost his morale
 - d) Warn him to never visit his home
- 72. If a student alleges against you for showing favouritism in evaluation of scripts, how would you deal with him?
 - a) Reject his allegations
 - b) Adopt punitive measure
 - c) Make efforts to reveal his position
 - d) Show his answer book and few more
- 73. The major responsibility with which school personnel have been entrusted is that of
 - a) Adjusting social demands to the needs of the child
 - b) Adjusting the child to conform to the demands of society
 - c) Changing human nature to conform to social expectations
 - d) Preparing the child to change the society
- 74. In order to develop a good rapport with students, a teacher should (select the most important activity)
 - a) Love his students
 - b) Be friendly with all
 - c) Pay individual attention
 - d) Communicate well
- 75. As people grow older, the _____ of learning declines.
 - a) speed b) power
 - c) quality d) quantity
- 76. The most appropriate meaning of learning is
 - a) inculcation of knowledge
 - b) modification of behaviour
 - c) personal adjustment
 - d) acquisition of skills
- 77. Teachers primary responsibility lies in
 - a) planning educational experiences
 - b) implementing policies

- c) keeping students records
- d) all of the above
- 78. A teacher meeting his students for the first time should
 - a) start teaching without caring the students' likes and dislikes
 - b) develop rapport with the class
 - c) give a broad outline of the whole subject
 - d) (b) and (c) both
- 79. Kindergarten (KG.) system of education means garden of small kids which is indebted to
 - Dewey b) Froebel
 - c) Plato d) Spencer
- 80. While dealing with juvenile delinquents a teacher should
 - a) play them with filthy sex jokes
 - b) talk with them frankly and guide and channelize their potentialities in constructive ways
 - c) complain to the principal against them
 - d) none of the above
- 81. While delivering lecture if there is some disturbance in the class, then a teacher should
 - a) keep quite for a while and then go on
 - b) not bother of what is happening in the class
 - c) punish those causing disturbance
 - d) all of the above
- 82. In the final analysis, teaching must be thought of mainly as a process of
 - a) asking questions and evaluating the learning
 - b) directing the activities of the pupils
 - c) hearing the recitation of pupils
 - d) all of the above
- 83. A teacher is expected to do all except
 - a) participation in community activities
 - b) help pupils to solve their problems
 - c) taking interest in politics
 - d) sponsor clubs and other school affairs
- 84. Before starting instruction a teacher should
 - a) know the existing knowledge of his students and their background knowledge
 - b) be aware of the environmental variables acting on the mind of the pupils

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- c) be competent enough to arouse the curiosity of his pupils
- d) all of the above

85. John Locke's phrase of tabula rasa means

- a) Tal and Ras
- b) free education
- c) mind itself is a result of the process of evolution
- d) All of the above

86. TV is superior to radio as teaching aid because it

- a) is costly
- b) invites two senses- hearing and vision simultaneously leading to more accurate form of learning
- c) is generally liked by pupils
- d) all of above
- 87. On which of the following statements there is consensus among educators?
 - a) Disciplinary cases should be sent to the principal only when other means have failed
 - b) Disciplinary cases should never be sent to the principal's office
 - c) Disciplinary cases should be totally neglected in the class
 - d) None of the above

88. The functions of a teacher is in the order of

- a) guiding the child, helping him towards progress and evaluation
- b) checking homework, guiding him and assigning further task
- c) Both (a) and(b)
- d) None of the above
- 89. In order to develop rapport with your pupils you should
 - a) guide them
 - b) behave them in a democratic way
 - c) have communicative ability
 - d) all of the above
- 90. Observable behaviours which a teacher can use in the class to bring home to the pupil an idea or point is technically 'called
 - a) teaching skills
 - b) communication facilities
 - c) demonstration
 - d) none of these
- 91. Which of the following statements regarding motivation is correct?
 - a) Freewill, intellect and reason are the motivating factors according to Plato
 - b) Inborn, unlearned tendencies, called instincts are the motivating forces according to James Burt

- c) Curiosity and level of aspiration are the motivating factors according to Berlyne
- d) All of the above
- 92. All of the following statements regarding a teacher are correct except that he is/he
 - a) a friend, guide and philosopher
 - b) teaches what the students know
 - c) the leader of the class
 - d) changes his attitudes and behaviour according to the need of the society
- 93. The first important step in teaching is
 - a) planning before hand
 - b) organizing material to be taught
 - c) knowing the background of students
 - d) none of the above
 - 94. A new comer teacher who is maltreated in his class will deal with the students by
 - a) applying punitive measures
 - b) improving his qualities and expressing it before them in a good way
 - c) changing his class after consultation with the principal
 - d) giving them a threat of expulsion
 - 95. Suppose you are teaching in a minority college where castism and narrow mindedness victimize you, for better adjustment there you should
 - a) uplift the humanistic values beyond these narrow wall and develop scientific temper in your students
 - b) be submissive there and save your job at all costs
 - c) rebel against such attitudes as it is against the norms of the Indian society
 - d) none of the above
- 96. State expenditure of 6 percent of G. D) P. was recommended by
 - a) Kothari Commission (1966)
 - b) National Education Policy (1968)
 - c) National Policy on Education (1986)
 - d) Review Committee on NPE (1986)
- 97. The latest National Curriculum Framework by NCERT will came into existence in
 - a) 2023 b) 2004
 - c) 2005 d) 2006
- 98. Teaching in higher education implies
 - a) presenting the information given in the text book
 - b) asking questions in the class and conducting examinations
 - c) helping students prepare for and pass the examination
 - d) helping students how to learn

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- 99. Which of the following is the first step of research?
 - a) identification of subject
 - b) identification of nature of problem
 - c) both (a) and(b)
 - d) none of these her"
- **100.** Teacher's professionalism means:

- a) the extent to which a teacher subscribes o a professional code
- b) a teacher has to teach for the sake a getting salaries
- c) a teacher must have completed professional teachers training course before his appointment
- d) all of these



ANSWER KEY

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

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