

MIZORAM PUBLIC SERVICE COMMISSION

TECHNICAL COMPETITIVE EXAMINATIONS FOR RECRUITMENT TO THE POST OF GRADE-III OF MIZORAM HEALTH SERVICE (AYUSH SUB-CADRE) UNDER HEALTH & FAMILY WELFARE DEPARTMENT, GOVERNMENT OF MIZORAM. SEPTEMBER, 2023

TECHNICAL SUBJECT PAPER - III AYURVEDA

Time Allowed : 2 hours

Full Marks : 200

*All questions carry equal marks of 2 each.
Attempt all questions.*

1. Number of stages of antenatal
 - (a) 1
 - (b) 2
 - (c) 3
 - (d) 4
2. Embryogenic stage of Pregnancy is
 - (a) From 1 to 8 weeks after conception
 - (b) From 2 to 8 weeks after conception
 - (c) From 3 to 8 weeks after conception
 - (d) From 4 to 8 weeks after conception
3. The second trimester of antenatal care is
 - (a) From 12 to 18 weeks after conception
 - (b) From 14 to 26 weeks after conception
 - (c) From 20 to 28 weeks after conception
 - (d) From 22 to 36 weeks after conception
4. Number of Injection TT for primigravida
 - (a) 1
 - (b) 2
 - (c) 3
 - (d) 4
5. APH with regard to pregnancy is
 - (a) Anterior Pituitary Hormone
 - (b) Antepartum Hemorrhage
 - (c) Anteplacental Hemorrhage
 - (d) Antepelvic Hemorrhage
6. The most common surgical disorders in pregnancy are
 - (a) Appendicitis and Cholecystitis
 - (b) Sinusitis and Blepharitis
 - (c) Hypothyroidism and Diabetes
 - (d) Ovarian Cyst and Gastritis
7. The most common complication of contracted pelvis during pregnancy is
 - (a) Labour Dystocia
 - (b) Septicaemia
 - (c) Hypertension
 - (d) Gestational Diabetes
8. Methods of induction of Labour are
 - (a) 1
 - (b) 2
 - (c) 3
 - (d) 4
9. The term ARM is associated with
 - (a) Delivery of a Baby
 - (b) Vaccination of a Pregnant Women
 - (c) Method of Contraception
 - (d) Method of induction of Labour

10. Punch Forcep is used for
 - (a) Uterine and Caesarian birthing.
 - (b) Stretching cervical wall.
 - (c) Pap smear.
 - (d) Premalignant lesion of the Cervix.
11. Menorrhagia is
 - (a) Heavy menstrual bleeding
 - (b) Scanty menstrual bleeding
 - (c) Cessation of menstrual bleeding
 - (d) All of the above
12. Dysmenorrhoea is
 - (a) Painful Menstruation
 - (b) Irregular Menstruation
 - (c) Regular Menstruation
 - (d) Cessation of Menstruation
13. Amenorrhoea is
 - (a) Absence of Menstruation
 - (b) Painful Menstruation
 - (c) Irregular Menstruation
 - (d) Regular Menstruation
14. The full form of PCOS is
 - (a) Polycystic ovary Syndrome
 - (b) Pelvicervical omentum Syndrome
 - (c) None of the above
 - (d) Both (a) & (b)
15. Abortion is defined as
 - (a) Termination of pregnancy during the first 24 weeks of pregnancy
 - (b) Termination of pregnancy during the first 26 weeks of pregnancy
 - (c) Termination of pregnancy during the first 28 weeks of pregnancy
 - (d) Termination of pregnancy during the first 32 weeks of pregnancy
16. Pain and rebound tenderness in the McBurney's point is usually observed in
 - (a) Appendicitis
 - (b) Cholelithiasis
 - (c) Renal Calculi
 - (d) Duodenal Ulcer
17. Positive Blumberg sign is a indicative of
 - (a) Peritonitis
 - (b) Pancreatitis
 - (c) Appendicitis
 - (d) Hepatitis
18. Boas sign is positive in case of
 - (a) Acute Cholecystitis
 - (b) Acute Pancreatitis
 - (c) Acute Appendicitis
 - (d) Acute Peritonitis
19. The burn which affect the epidermis only is
 - (a) First degree burn
 - (b) Second degree burn
 - (c) Third degree burn
 - (d) Fourth degree burn
20. Glasgow Coma Scale is used to measure
 - (a) Level of Blood Sugar
 - (b) Level of Thyroid hormone function
 - (c) Level of Vit D
 - (d) Level of Consciousness
21. First line of treatment for acute urinary retention is
 - (a) Urinary Catherization
 - (b) Use of Diuretic
 - (c) Use of hot water Bag
 - (d) All of the above
22. A Colles fracture is
 - (a) Fracture of radius close to the wrist
 - (b) Fracture of Humerus
 - (c) Fracture of hip joint
 - (d) Fracture of knee joint

23. A Bennett fracture is
- (a) Fracture of the base of the thumb (b) Fracture of the base of the index finger
(c) Fracture of the base of the big toe (d) Fracture of the base of the little finger
24. The percentage of burn with regard to head for rule of nine is
- (a) 6 (b) 9
(c) 18 (d) 24
25. Classical triad of adrenal insufficiency includes
- (a) Hyponatraemia, Hypokalemia, Azotemia (b) Hyponatraemia, Hypokalemia, Hypotension
(c) Hypernatraemia, Hyperkalemia, Hypotension (d) Hyponatraemia, Hyperkalemia, Azotemia
26. Kwashiorkor and Marasmus are types of
- (a) Malnutrition (b) Obesity
(c) Protein Energy Malnutrition (d) Iron deficiency
27. If BMI is 18.5 to <25, it falls within the
- (a) Healthy weight range (b) Overweight range
(c) Obesity range (d) Underweight range
28. Bariatric surgery is for
- (a) Weight loss (b) Weight gain
(c) Weight maintain (d) All of the above
29. Which one of the following comes under disease of Immune system?
- (a) Rheumatoid Arthritis (b) Hepatitis C
(c) Dengue Fever (d) Rabies
30. A fifty year old man presents in emergency ward with central chest pain. On examination his blood pressure is 90/60 mmHg and pulse is 106 per minute. He is pale and sweating profusely. The most likely diagnosis is
- (a) Esophagitis (b) Myocardial infarction
(c) Pericarditis (d) Pleural effusion
31. A thirty five year old man presents in a clinic with history of chronic productive cough that is worse in the morning and brought on by changes in posture. Sputum is copious and yellow. The most likely diagnosis in this patient is
- (a) Bronchial asthma (b) Bronchiectasis
(c) Bronchogenic carcinoma (d) Chronic bronchitis
32. A twenty year old girl is taking anti tuberculosis treatment. She presents in eye outdoor with visual complaints. The most likely cause of her symptoms is side effect of
- (a) Isoniazid (b) Rifampicin
(c) Ethambutol (d) Pyrazinamide
33. A fifteen year old boy who is diabetic presents with pain abdomen, vomiting and shortness of breath. There is history of fever and sore throat two days back. The most likely cause of his symptoms is
- (a) Diabetic ketoacidosis (b) Gastritis
(c) Hypoglycemia (d) Non ketotic hyperosmolar coma. Renal failure
34. Which of the following drugs is used in the treatment of hyperkalemia in acute renal failure
- (a) Amiloride (b) Amlodipine
(c) Captopril (d) Insulin

35. For the patient with history of fever, headache and neck stiffness, the most important investigation is
(a) Cerebrospinal fluid examination (b) Complete blood counts
(c) Computerized tomography (d) X-ray skull
36. The most common risk factor for chronic obstructive pulmonary disease is
(a) Air pollution (b) Coal mining
(c) Infection (d) Tobacco smoke
37. In a patient of thalassemia peripheral blood film for red cell morphology shows
(a) Hypochromic microcytic cells (b) Normochromic normocytic cells
(c) Macrocytosis (d) Sickle cells
38. An epileptic girl is found to have gum hypertrophy. Anti epileptic drug which she is most likely taking is
(a) Carbamazepine (b) Gabapentin
(c) Lamotrigine (d) Phenytoin
39. A patient of chronic diarrhea is having angular stomatitis and glossitis. The most likely cause of these signs is deficiency of
(a) Folic acid. (b) Iron
(c) Proteins (d) Thiamine
40. In a patient with high grade fever, rigors and tender hepatomegaly. The most likely diagnosis is
(a) Carcinoma of liver (b) Liver abscess
(c) Malaria (d) Typhoid fever
41. Most body odor is the result of bacterial metabolism of the secretions produced by _____ glands.
(a) Apocrine sweat. (b) Ceruminous
(c) Merocrine sweat (d) Sebaceous
42. Hair follicles and fingernails originate in the _____ but are actually derived from _____ tissue.
(a) Subcutaneous layer; connective (b) Dermis; subcutaneous
(c) Dermis; spidermal (d) Epidermis; dermal
43. The following drug is used to treat the Pityriasis Versicolor
(a) Ketoconazole (b) Metronidazole
(c) Grisiofulvin (d) Chloroquine
44. Which type of psychological test is designed to measure an individual's personality traits and behavioral patterns?
(a) Intelligence test (b) Neuropsychological test
(c) Personality test (d) Diagnostic test
45. Which type of psychological test measures a person's intellectual abilities and cognitive skills?
(a) Personality test (b) Intelligence test
(c) Projective test (d) Diagnostic test
46. Which type of psychological test involves presenting individuals with ambiguous stimuli to gain insights into their unconscious thoughts and emotions?
(a) Neuropsychological test (b) Personality test
(c) Projective test (d) Diagnostic test

47. Disseminated intravascular disease is a
- (a) Hemorrhagic Disorder (b) Musculoskeletal Disorder
(c) Psychiatric Disorder (d) Respiratory Disorder
48. A young boy presents with history of fever, skin rash and diarrhea. Examination of oral cavity shows koplik spots on buccal mucosa. The most likely diagnosis is:
- (a) Chicken pox (b) Diphtheria
(c) Measles (d) Typhoid
49. A sixteen year old girl presents with chronic diarrhea. Which of the following features suggests that she has irritable bowel syndrome
- (a) Anaemia (b) Abdominal pain relieved by defecation
(c) Blood in stools (d) Weight loss
50. A thirty year old man is found to be HBsAg positive on a routine biochemical test. He is asymptomatic. On examination there is mild hepatomegaly. Alanine aminotransferase (ALT) is 200 m/L. HBV-DNA is positive by polymerase chain reaction (PCR). The oral antiviral agent of choice for this patient is:
- (a) Aciclovir (b) Adefovir
(c) Amantidine (d) Ribavirin
51. The full form of NRHM is
- (a) National Rural Health Mission (b) National Rabies Health Mission
(c) National Rubella Health Mission (d) None of the above
52. The RNTCP has been rechristened as the
- (a) NTEP (b) NTAP
(c) NTBP (d) NTCP
53. What was the first national malaria program in India?
- (a) National Malaria Control Program (b) National Malaria Eradication Program
(c) National Malaria Prevent Program (d) National Malaria Free Program
54. The full form of RTI with regard to AIDS control program
- (a) Respiratory Tract Infection (b) Reproductive Tract Infection
(c) Recurrent Tract Infection (d) Renal Tract Infection
55. What is the National Program for blindness in India?
- (a) NPCBVI (b) NPBCVI
(c) NPVBCI (d) NPVIC
56. What is the National School Health Program?
- (a) Rashtriya Kishore Swaasthya Program. (RKSP)
(b) Navajit Sishu Suraksha Karyakram. (NSSK)
(c) National Health Mission.(NHM)
(d) National Rural Health Mission. (NRHM)
57. The dose of Anti Rabies Vaccine for Post Exposure case is
- (a) 0,3,7,14,28/30 days (b) 0,3,5,7,9 days
(c) 0,7,14,28,90 days (d) 0,3,14,21,28 days
58. The first dose of MMR is given at
- (a) 12 to 15 month of age (b) 14 to 16 month of age
(c) 17 to 18 month of age (d) 19 to 20 month of age

59. What age is whooping vaccine given?
- (a) At 2,4, and 6 months, at 15 through 18 months, and at 4 through 6 years
 - (b) At 7,8, and 9 months, at 15 through 18 months, and at 4 through 6 years
 - (c) At 2,4, and 6 months, at 19 through 23 months, and at 4 through 6 years
 - (d) At 2,4, and 6 months, at 15 through 18 months, and at 7 through 8 years
60. The meaning of the word "Forensic" is derived from the Latin word "Forensis" meaning
- (a) Of the crime
 - (b) Of the dead body
 - (c) Of the forum
 - (d) Of the identity
61. The first medico legal autopsy was conducted in India by
- (a) Dr. Edward Bulkley
 - (b) Dr. John Waldo
 - (c) Dr. J.P. Modi
 - (d) Dr. Samuel Browne
62. The oldest code of Medical Ethics is
- (a) The Hippocratic Oath
 - (b) The Shusruta Samhita
 - (c) The Charaka Samhita
 - (d) The first Law Code of Babylon
63. The oldest known medico-legal code is
- (a) The Caroline Code
 - (b) The Code of Hammurabi
 - (c) The Justinian Code
 - (d) The Penal Code of Bishop
64. The first medico-legal post mortem examination was done in
- (a) Italy
 - (b) Egypt
 - (c) Greece
 - (d) England
65. A juvenile offender is a child whose age is bellow
- (a) 12 yrs
 - (b) 14 yrs
 - (c) 16 yrs
 - (d) 18 yrs
66. A subpoena is a type of
- (a) Respiratory problem
 - (b) Document
 - (c) Mild chest pain.
 - (d) Torture
67. Regarding summons in a civil case which of the following statement is true
- (a) Witness can not tender fees
 - (b) Served with conduct money
 - (c) Served with warrant of arrest
 - (d) None of above
68. In sex determination of a person the most important factor is
- (a) As per definition of the law
 - (b) Development of external sexual organ
 - (c) Internal sexual organ
 - (d) Genetic sexing of the person
69. In rigor mortis there is
- (a) Contraction of muscle fibers
 - (b) Coagulation of muscle fibers
 - (c) Contraction and shortening of muscle fibers
 - (d) All of the above
70. Regarding rigor mortis all the statement are true except
- (a) When it sets in early it goes of early
 - (b) Rigor mortis has no value as a sign of life birth
 - (c) Rigor mortis will appear early in hanging
 - (d) It will develop in a paralyzed limb
71. Generally in a partial hanging constructing force is weight of
- (a) Whole body
 - (b) Head
 - (c) Head and Neck
 - (d) All of the above

72. Shape of a stab wound mostly depends upon

- (a) Mode of withdrawal
- (b) Amount of force
- (c) Direction of force
- (d) Shape of Knife

73. Most common evidence of rape on a virgin is

- (a) Rupture of hymen
- (b) Laceration of labia minor
- (c) Laceration of anterior commissure
- (d) Enlarged vaginal introitus

74. Which one of the following is an example of spinal poison?

- (a) Croton tiglium
- (b) Ricinus communis
- (c) Strychnos nuxvomica
- (d) Papaver somnifera

75. Which one of the following is an example of inebriant poison?

- (a) Alcohol
- (b) Cannabis
- (c) Nicotine
- (d) Cocaine

76. Which number comes next in the series?

22, ?, 38, 46

- (a) 26
- (b) 30
- (c) 34
- (d) 36

77. Which number comes in the last box?

7	3	6	2
2	8	5	4
1	1	2	4
4	2	1	?

- (a) 2
- (b) 1
- (c) 7
- (d) 4

78. What is the smallest number that must be added to 395 so that it becomes divisible by 20?

- (a) 3
- (b) 5
- (c) 10
- (d) 13

79. The sum of the first five prime numbers is

- (a) 11
- (b) 18
- (c) 26
- (d) 28

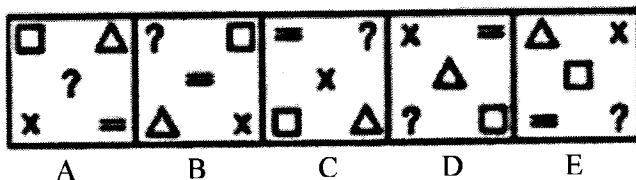
80. Which of the following is a prime number?

- (a) 33
- (b) 81
- (c) 93
- (d) 97

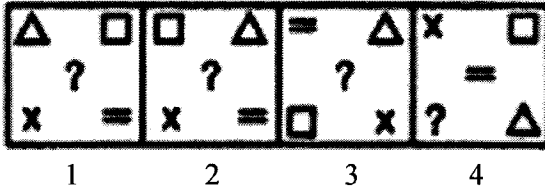
81. Night is to day, as end is to

- (a) Life
- (b) Beginning
- (c) Death
- (d) Pause

82. Five cars are at the start line of a race. Car B is positioned to the right of car A but is not positioned next to car C. Car C is positioned next to Car D, which has Car B on its left side. Car E is positioned furthest from Car C. Which car does not have a car to the left of it?
- (a) Car A (b) Car B
(c) Car D (d) Car E
83. A's son B is married with C whose sister D is married to E the brother of B. How D is related to A?
- (a) Son-in-law (b) Daughter-in-law
(c) Mother-in-law (d) None of these
84. Introducing a man, a woman said, "He is the only son of the mother of my mother." How is the woman related to the man?
- (a) Mother (b) Niece
(c) Sister (d) Aunt
85. 'To cry wolf' means
- (a) To give false alarm (b) To listen eagerly
(c) To keep off starvation (d) None of these
86. Which number should come next in this series?
2, 1, $\frac{1}{2}$, $\frac{1}{4}$
- (a) $\frac{1}{3}$ (b) $\frac{1}{8}$
(c) $\frac{2}{3}$ (d) $\frac{1}{16}$
87. Mara runs faster than Gail. Lily runs faster than Mara. Gail runs faster than Lily. If the first two statements are true, the third statement is
- (a) True (b) False
(c) Uncertain (d) Not enough information
88. Which series of letters comes in the space?
SCD, TEF, UGH, _____, WKL
- (a) CMN (b) UJI
(c) VIJ (d) IJT
89. Which of the following words does not belong with the others?
Knife, fork, spoon, teapot
- (a) Knife (b) Fork
(c) Spoon (d) Teapot
90. A, P, R, X, S and Z are sitting in a row. S and Z are in the centre. A and P are at the ends. R is sitting to the left of A. Who is to the right of P?
- (a) X (b) A
(c) S (d) Z
91. Select a figure from amongst the Answer Figures which will continue the same series as established by the five figures.

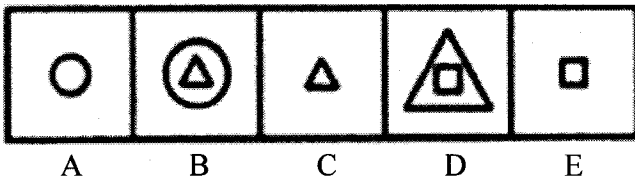


Answer Figures

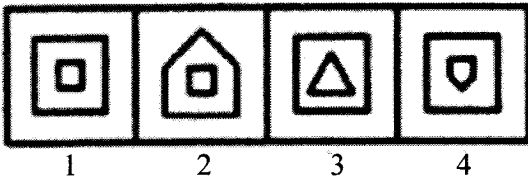


- (a) 1 (b) 2
(c) 3 (d) 4

92. Select a figure from amongst the Answer Figures which will continue the same series as established by the five figures.

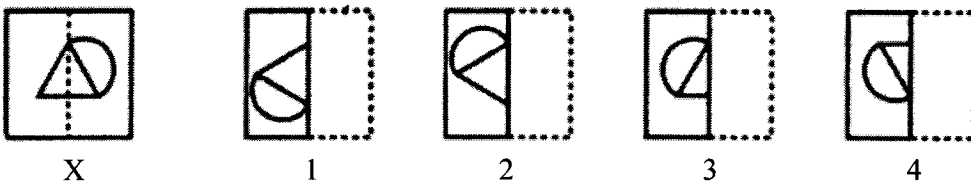


Answer Figures



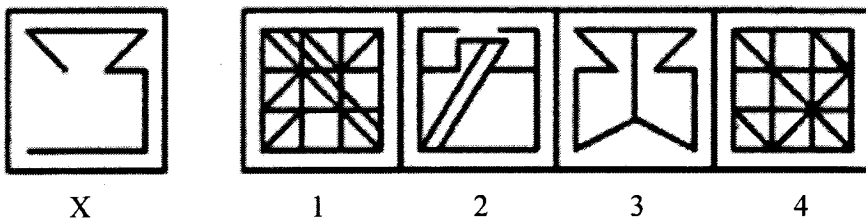
- (a) 1 (b) 2
(c) 3 (d) 4

93. Find out from amongst the four alternatives as to how the pattern would appear when the transparent sheet is folded at the dotted line.



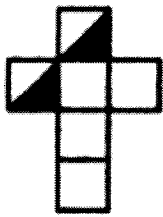
- (a) 1 (b) 2
(c) 3 (d) 4

94. Find out the alternative figure which contains figure (X) as its part.



- (a) 1 (b) 2
(c) 3 (d) 4

95. Choose the box that is similar to the box formed from the given sheet of paper (X)



X



1



2



3



4

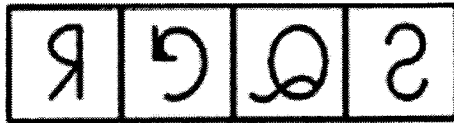
(a) 1 and 4 only

(b) 3 and 4 only

(c) 1 and 2 only

(d) 2 and 3 only

96. Choose the figure that is different from the rest.



1

2

3

4

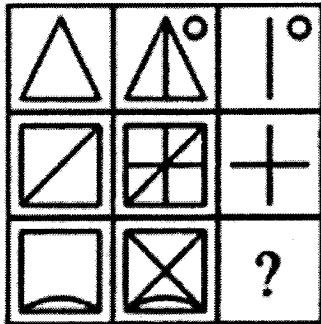
(a) 1

(b) 2

(c) 3

(d) 4

97. Select a suitable figure from the four alternatives that would complete the figure matrix.



1

2

3

4

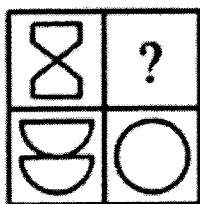
(a) 1

(b) 2

(c) 3

(d) 4

98. Select a suitable figure from the four alternatives that would complete the figure matrix



1

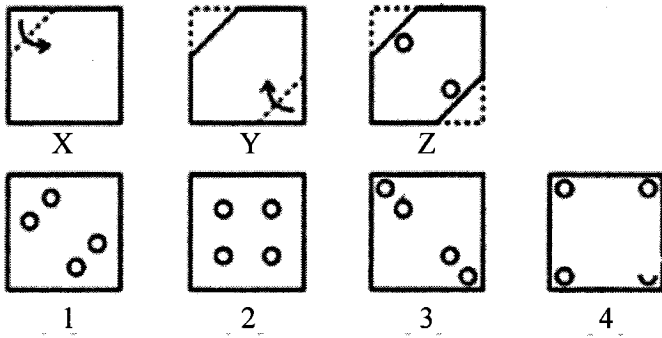
2

3

4

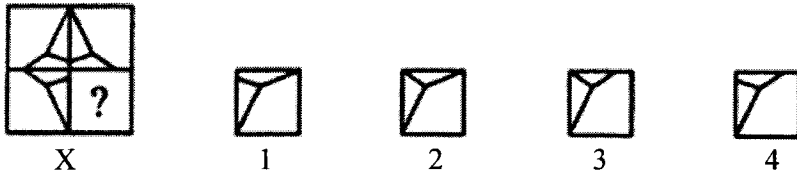
- (a) 1
- (b) 2
- (c) 3
- (d) 4

99. Choose a figure which would most closely resemble the unfolded form of Figure (Z)



- (a) 1
- (b) 2
- (c) 3
- (d) 4

100. Identify the figure that completes the series.



- (a) 1
- (b) 2
- (c) 3
- (d) 4
