

MIZORAM PUBLIC SERVICE COMMISSION
TECHNICAL COMPETITIVE EXAMINATIONS FOR
STAFF NURSE UNDER HEALTH & FAMILY WELFARE DEPARTMENT,
GOVERNMENT OF MIZORAM, AUGUST-2024

PAPER-II

Time Allowed : 3 hours

FM : 200

SECTION - A (Multiple Choice Questions) (100 Marks)

All questions carry equal mark of 2 each. Attempt all questions.

*This Section should be answered only on the **OMR Response Sheet** provided.*

1. Ossification of anterior fontanelle completes at -
(a) 3 months (b) 6 months
(c) 12 months (d) 18 months
2. Which hormone stimulates the secretion of gastric juice in the stomach?
(a) Insulin (b) Glucagon
(c) Gastrin (d) Serotonin
3. The electrical signal that initiates a heartbeat also known as 'Pacemaker of the heart' is -
(a) AV node (b) Bundle of His
(c) SA node (d) Superior Vena Cava
4. The part of the ear that contains the receptor for hearing is the -
(a) Utricle (b) Cochlea
(c) Middle ear (d) Tympanic Cavity
5. One of the main functions of the bile is to -
(a) Split protein (b) Emulsify fats
(c) Help synthesis of Vitamins (d) Produce an Acid condition
6. Air rushes into the alveoli as a result of -
(a) Relaxation of diaphragm (b) Rising pressure in alveoli
(c) Rising pressure in pleura (d) Lowered pressure in the chest cavity
7. Which part of the brain is concerned with the coordination of voluntary muscular movement, posture and balance?
(a) Cerebrum (b) Cerebellum
(c) Medulla oblongata (d) Cerebral cortex
8. In blood cross matching, which reaction indicates incompatibility between the donor and recipient blood?
(a) Agglutination (b) Hemolysis
(c) Coagulation (d) Precipitation
9. In the following, which is a vector borne disease?
(a) Diphtheria (b) Dengue
(c) Tetanus (d) Measles

- 10 . About _____ of total biomedical waste is hazardous.
- (a) 20 % (b) 25 %
(c) 15 % (d) 35 %
11. Perception without external stimuli is called -
- (a) Delusion (b) Illusion
(c) Hallucination (d) Delirium
12. Brain structure crucial for the formation of long term memories is -
- (a) Cerebellum (b) Hippocampus
(c) Hypothalamus (d) Amygdala
13. In the context of mental age, what does an IQ score of 100 represents?
- (a) Below Average intelligence (b) Average intelligence for one's chronological age
(c) Superior Intelligence for chronological age (d) A measure of emotional Intelligence
14. Why is psychology important in nursing?
- (a) To diagnose medical condition
(b) To understand patient's behavior and mental processes
(c) For professional development
(d) To aid nursing research
15. Piagets' stage for infancy is -
- (a) Formal operation (b) Preoperational thought
(c) Concrete operations (d) Sensory motor stage
16. Primary causes of population explosion is -
- (a) Improve health care (b) Increase life expectancy
(c) Immigration (d) Increase birth rate
17. Social stratification means -
- (a) Social inequality (b) Social equality
(c) Social control (d) Social change
18. A form of family in which a husband goes and lives in the house of his wife is -
- (a) Patrilocal family (b) Matrilocal family
(c) Patri-matrilocal family (d) Neolocal family
19. ICN Theme for International Nurses Day 2024 is -
- (a) Nurse : A force for change – a vital resources for health
(b) Nurses : A voice to lead – invest in nursing
(c) Our Nurses, Our future. The economic power of care
(d) Nurses : A voice to lead – A vision for future health care
20. Condition that increase vulnerability to a disease are known as -
- (a) Etiology (b) Risk Factors
(c) Pathophysiology (d) Percipitating factors
21. Nutrients that help in tissue repair is -
- (a) Fat (b) Protein
(c) Vitamins (d) Carbohydrates
22. Which of the following nursing intervention is most appropriate in prevention of pressure sore?
- (a) Provide frequent bath to patient
(b) Maintaining the skin moist
(c) Frequent turning and repositioning of the patient
(d) Frequent feeding

23. Braden Scale is a standard tool to assess:
- (a) Burn injury
 - (b) Risk of pressure ulcer
 - (c) Muscle strength
 - (d) Anxiety level of patient
24. Which coloured container must be used for discarding human anatomical waste in hospital?
- (a) Red
 - (b) Blue
 - (c) Black
 - (d) Yellow
25. Correct position for the feet when lifting heavy object is -
- (a) Feet wide apart
 - (b) Feet close together
 - (c) One foot forward, one foot backward
 - (d) One foot elevated on a step
26. What should a nurse do if he/she wants to correct a statement made in a patient's record?
- (a) Erase the original statements
 - (b) Draw a line through the mistake, and then sign and date the correction
 - (c) Use a marker so that it is no longer visible
 - (d) Replace the original Document
27. Which ethical principle requires nurses to do good act in the best interest of their patients?
- (a) Beneficence
 - (b) Justice
 - (c) Veracity
 - (d) Confidentiality
28. The main goal of Passive exercise is to -
- (a) Strengthen muscles
 - (b) Improve Cardio vascular fitness
 - (c) Maintain joint flexibility and prevent stiffness
 - (d) Increase endurance
29. A client has a hypoglycemic reaction to insulin. The assessment that are indicative of this response includes -
- (a) Pallor, perspiration, tremor
 - (b) Excessive thirst, dry hot skin
 - (c) Fruity odour breath, acetonuria
 - (d) Anoxia, glucosuria, tachycardia
30. A client's leg is set in a long leg cast. The nurse should observe signs that indicates compromised circulation such as -
- (a) Foul odour
 - (b) Swelling of the toes
 - (c) Drainage on the cast
 - (d) Increase temperature
31. What is the term tuberculosis that is resistant to at least Isoniazid and Rifampicin?
- (a) Latent TB
 - (b) Extensively drug – Resistant TB(XDR –TB)
 - (c) Multidrug – resistant TB (MDR- TB)
 - (d) Primary TB
32. The clinical manifestation that are objective are -
- (a) Signs
 - (b) Symptoms
 - (c) Disease
 - (d) Syndrome
33. Body Temperature is under the control of -
- (a) Pituitary gland
 - (b) Hypothalamus
 - (c) Pineal gland
 - (d) Cerebrum
34. Infection with Group A beta-hemolytic streptococci is associated with -
- (a) Hepatitis A
 - (b) Rheumatoid Fever
 - (c) Spinal meningitis
 - (d) Rheumatoid arthritis
35. During a blood transfusion a client develops chills and headache. The Nurse's best action is to :
- (a) Lightly cover the client
 - (b) Notify the physician stat
 - (c) Stop the transfusion immediately
 - (d) Slow the blood flow to keep the vein open

36. A client with acute renal failure becomes confused and irritable. The nurse realizes that this behavior may be caused by -
- (a) Hyperkalemia
 - (b) Hyponatremia
 - (c) An elevated BUN
 - (d) Limited fluid intake
37. When a client has a history of COPD, the nurse should be aware of complications involving:
- (a) Kidney functions
 - (b) Cardiac functions
 - (c) Joint inflammation
 - (d) Peripheral neuropathy
38. Oral hypoglycemic agents may be used for a client with -
- (a) Ketosis
 - (b) Obesity
 - (c) Type I Diabetes
 - (d) Some insulin production
39. The suture variety chromic catgut is an -
- (a) Absorbable monofilament
 - (b) Non-absorbable suture
 - (c) Absorbable braided
 - (d) Not a suture material
40. Which degree/type of burn is painless?
- (a) First degree
 - (b) Second degree
 - (c) Third degree
 - (d) None
41. Air in the pleural cavity is called -
- (a) Emphysema
 - (b) Respiratory distress symptom
 - (c) Pneumothorax
 - (d) Pneumonia
42. Glasgow coma scale has all, except:
- (a) Verbal response
 - (b) Motor response
 - (c) Sensory impairment
 - (d) Eye opening
43. Bell's palsy is a disorder of which cranial nerve?
- (a) Cranial Nerve IV
 - (b) Cranial Nerve VII
 - (c) Cranial Nerve IX
 - (d) Cranial Nerve XII
44. The graft of the patient taken from his own body is called -
- (a) Allograft
 - (b) Autograft
 - (c) Heterograft
 - (d) Both (a) & (b)
45. Commonest cause of blindness in India is -
- (a) Cataract
 - (b) Trauma
 - (c) Trachoma
 - (d) Vitamin A deficiency
46. Mantoux test is used to diagnose -
- (a) Diphtheria
 - (b) AIDS
 - (c) Tuberculosis
 - (d) Measles
47. Vastus lateralis is a site for -
- (a) Intravenous injection
 - (b) Subcutaneous injection
 - (c) Intramuscular injection
 - (d) Intradermal injection
48. Which procedure always requires surgical asepsis?
- (a) Colostomy
 - (b) Vaginal irrigation
 - (c) Urinary catheterization
 - (d) Nasogastric tube insertion
49. The ratio of chest compressions and breath is -
- (a) 30:1
 - (b) 30:3
 - (c) 30:4
 - (d) 30:2

50. What are the different transfer techniques used for patients with limited mobility?
- (a) Sliding sheets, transfer belts, and mechanical lifts
 - (b) Stretchers, gurneys, and hospital beds
 - (c) Stairlifts, escalators, and elevator
 - (d) Wheelchairs, crutches, and canes

SECTION - B (Conventional type question) (100 Marks)

Marks for each question is indicated against it. Attempt all questions.

This Section should be answered only on the Answer Sheet provided.

1. Draw a neat diagram of Urinary System and label it. (5)
2. Write Nurses role in collection of Sputum sample for AFB. (3)
3. Write the different types of culture media. (3)
4. Write five characteristics of a mentally healthy person. (5)
5. Define counseling. List the phase of counseling. (5)
6. Write the consequences of over population. (4)
7. Enumerate steps to prevent pressure sore. (5)
8. Write five responsibilities of Scrub Nurse in operating room. (5)
9. State the clinical features of Ashma. (3)
10. Write the Cardinal signs of Diabetes Mellitus. (3)
11. Enumerate five risk factor for HIV/AIDS. (5)
12. Write vey briefly - Early warning signs of laryngeal cancer. (5)
13. Define Nosocomial Infection. Write very briefly role of Infection Control Nurse. (2+8=10)
14. List down five Rights of medication. Write measures for prevention of needle stick injury. (10)
15. Write the first aid care of dog bite. (10)
16. Write the pre-operative preparation of patient posted for stomach operation or Laparotomy. (10)
17. Define aneamia. Enlist the Clinical features of aneamia. Write briefly the management of aneamia. (2+3+5=10)

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