

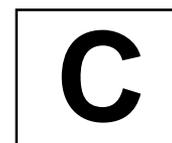
# MIZORAM SUBORDINATE SERVICES SELECTION BOARD



## COMBINED COMPETITIVE EXAMINATION FOR RECRUITMENT TO THE POST OF STAFF NURSE UNDER H&FW AND HOME DEPARTMENTS, GOVERNMENT OF MIZORAM AUGUST - 2021

Question Booklet Series

NURSING SCIENCE PAPER II



**Time Allowed : 2 Hours**

**Maximum Marks : 150**

### INSTRUCTIONS

1. This paper consists of seventy five (75) multiple-choice type of questions.
2. Immediately after the commencement of the examination, you should check that this question booklet does not have any unprinted or missing pages or items, etc. If so, get it replaced by a complete booklet from the invigilator.
3. Please note that it is the candidate's responsibility to fill in necessary details such as Roll Number, etc. and the Question Booklet Series A, B, C or D carefully and without any omission or discrepancy at the appropriate places in the OMR Answer Sheet. Any omission/discrepancy will render the Answer Sheet liable for rejection.
4. Each question comprises four responses (answers). You will select the response which you want to mark on the Answer Sheet.
5. You have to mark your responses ONLY on the separate OMR Answer Sheet provided.  
***Read instructions given in the OMR sheet carefully.***
6. All questions carry equal marks.
7. Rough work is to be done in the spaces available in the question booklet.
8. You have to submit your Answer Sheet to the invigilators at the end of the examination compulsorily and must not carry it with you outside the Examination Hall. You are permitted to take away with you the question booklet on conclusion of examination.
9. There are no negative marks for incorrect answer.



1. Which one of the following measurements indicates that the fetal presenting part is engaged?  
(A) - 2 (B) 0  
(C) + 2 (D) + 4
2. A nurse should advise a client with twin pregnancy to come to the hospital for delivery at  
(A) 35 weeks (B) 36 weeks  
(C) 37 weeks (D) 38 weeks
3. On assessment of the uterine fundus of a client in the immediate postpartum period, the nurse notes that the uterus feels soft and soggy. What should be the initial nursing intervention?  
(A) Massage the fundus until it is firm  
(B) Elevate the legs  
(C) Encourage the mother to void  
(D) Push on the uterus to assist in expressing clots
4. Classic triad of ectopic pregnancy include the following EXCEPT  
(A) abdominal pain (B) amenorrhea  
(C) in-utero bleeding (D) per vaginal bleeding
5. The process of thinning out in the cervix during the first stage of labour is called  
(A) effacement (B) retraction  
(C) polarity (D) dilatation
6. Which of these stages of labour begins with the complete dilatation of the cervix and ends with the expulsion of the fetus?  
(A) First stage (B) Second stage  
(C) Third stage (D) Puerperium
7. Which breathing technique should a nurse instruct the client to use as the head of the fetus is crowning?  
(A) Shallow (B) Blowing  
(C) Slow chest (D) Modified paced
8. When assessing a woman's lochia on the fifth postpartum day, the nurse should expect to find  
(A) Lochia rubra (B) Lochia serosa  
(C) Lochia alba (D) Absence of lochia
9. Sitz baths are ordered for a client with an episiotomy during the postpartum period. A nurse encourages the client to take the sitz baths because they aid the healing process by  
(A) promoting vasodilation (B) cleansing perineal tissue  
(C) softening the incision site (D) tightening the rectal sphincter
10. The following are indications for vacuum delivery EXCEPT  
(A) Maternal exhaustion (B) Preeclampsia  
(C) Fetal distress (D) Brow presentation

11. Otitis media in children is always associated with
  - (A) lower respiratory tract infection
  - (B) diarrhoea
  - (C) upper respiratory tract infection
  - (D) sinusitis
12. Koplik spot is seen in case of
  - (A) Measles
  - (B) Small pox
  - (C) Chicken pox
  - (D) Tetanus
13. When a child is suspected of having rheumatic fever, the nurse takes the history of
  - (A) Bruises on skin
  - (B) Neck pain
  - (C) Nausea or vomiting
  - (D) Sore throat or upper respiratory infection
14. Which one of the following require Iron Chelation Therapy to prevent complication?
  - (A) Leukemia
  - (B) Haemophilia
  - (C) Thalassemia
  - (D) Aplastic anaemia
15. What immediate action must be take when a child has burn injury?
  - (A) Provide plenty of ORS to drink
  - (B) Check vital signs
  - (C) Estimation of extent of burn
  - (D) Removal of heat source
16. A child sitting on a chair in a playroom starts to have tonic-clonic seizure with a clenched jaw. What is the nurse's best initial action?
  - (A) Attempt to open the jaw
  - (B) Place the child on the floor
  - (C) Call out for assistance from staff
  - (D) Place a pillow under the child's head
17. An abnormal connection between the trachea and oesophagus is
  - (A) Tracheoesophageal reflux
  - (B) Tracheoesophageal sinus
  - (C) Esophageal reflux
  - (D) Tracheoesophageal fistula
18. A nurse will be able to assess the major signs associated with hydrocephalus by
  - (A) testing urine for protein
  - (B) taking apical pulse
  - (C) palpating anterior fontanelle
  - (D) checking blood pressure
19. Urethral meatus situated on the dorsal surface of the penis is called
  - (A) Hypospadias
  - (B) Epispadias
  - (C) Phimosis
  - (D) Ambiguous genitalia
20. The most common presentation of a child with Wilm's tumor is
  - (A) Hematuria
  - (B) Hemoptysis
  - (C) Hypertension
  - (D) Asymptomatic abdominal mass
21. The first dose of Vitamin A supplementation is given at
  - (A) 6 months
  - (B) 9 months
  - (C) 12 months
  - (D) 18 months

22. Maternal mortality is expressed in  
(A) per 100 (B) per 1000  
(C) per 10000 (D) per 100000
23. Under DOTS programme, the anti-tubercular drug which is NOT administered orally is  
(A) Streptomycin (B) Rifampicin  
(C) Isoniazid (D) Ethambutol
24. After the establishment of pulmonary circulation in a newborn baby, ductus arteriosus becomes  
(A) Ligamentum venosum (B) Ligamentum teres  
(C) Ligamentum arteriosum (D) Ductus venosus
25. What change in a client's hematologic system during the second trimester of pregnancy can be expected by a nurse?  
(A) An increase in blood volume (B) An increase in hematocrit  
(C) A decrease in sedimentation rate (D) A decrease in white blood cells
26. A client reports that the first day of her last menstrual period was on 29<sup>th</sup> April, 2021. Her expected due date would be on  
(A) 5<sup>th</sup> January, 2022 (B) 5<sup>th</sup> February, 2022  
(C) 22<sup>nd</sup> January, 2022 (D) 29<sup>th</sup> January, 2022
27. The rate of fetal heart sound is  
(A) 140 - 160 bpm (B) 120 - 140 bpm  
(C) 100 - 120 bpm (D) 80 - 110 bpm
28. A client at 10 weeks' gestation tells a nurse that she has morning sickness and cannot control it. What should the nurse suggest to promote relief?  
(A) Eat dry crackers before arising  
(B) Increase fat intake before bedtime  
(C) Drink high-carbohydrate fluids with meals  
(D) Have two small meals a day with a snack at noon
29. What recommendation should a nurse give to clients who have fluid retention during pregnancy?  
(A) Decrease fluid intake  
(B) Maintain a low sodium diet  
(C) Elevate the lower extremities  
(D) Ask the health care provider for a diuretic
30. What nursing intervention should be included when caring for a client with placenta previa?  
(A) Vital signs at least once per shift  
(B) Tap water enema before the birth  
(C) Documentation of the amount of bleeding  
(D) Limited ambulation until the bleeding stops

31. Lack of awareness of correct time, place and person is known as
  - (A) disorientation
  - (B) confusion
  - (C) delusion
  - (D) amnesia
32. An involuntary repetition of words or sounds made by another person is called
  - (A) echopraxia
  - (B) stuttering
  - (C) verbigeration
  - (D) echolalia
33. Which of the following is a misconception towards mental illness?
  - (A) Mental illness prevalence is high in India
  - (B) Mental illness is something not to be ashamed of
  - (C) Mental illness once acquired is lifelong
  - (D) Mental illness is related to physical illness
34. The biochemical theory of anxiety specifically focuses on the neurotransmitter
  - (A) GABA
  - (B) Dopamine
  - (C) Epinephrine
  - (D) Serotonin
35. According to ICD-10 classification of mental illness, schizophrenia and other psychotic disorders are in the categories
  - (A) F00-F09
  - (B) F30-F39
  - (C) F10-F19
  - (D) F20-F29
36. Which of the following is NOT the primary symptom of schizophrenia?
  - (A) Hallucination
  - (B) Autism
  - (C) Delusions
  - (D) Illusion
37. Which of the following conditions show a potential for delirium tremens in a client with signs of alcohol withdrawal?
  - (A) Hypotension, ataxia, hunger
  - (B) Hypotension, hand tremor
  - (C) Hypertension, hallucinations
  - (D) Stupor, muscle rigidity
38. Which of the following is the absolute contraindication for Electro-Convulsive Therapy (ECT) ?
  - (A) Anaemia
  - (B) Catatonia
  - (C) Increased intra cranial pressure
  - (D) Hypotension
39. An important nursing intervention while lithium is being administered on a client is to
  - (A) restrict the client's daily sodium intake
  - (B) test the client's urine specific gravity weekly
  - (C) monitor the client's drug blood level regularly
  - (D) withhold the client's other medications for several days
40. An important nursing intervention while dealing with over active patient is to
  - (A) provide low calorie diet
  - (B) have a non-threatening approach and not challenge the patient
  - (C) sit close to the patient
  - (D) allow a provocative friend to visit the patient

41. Which of the following is a predisposing factor of post partum haemorrhage?  
(A) Primigravida (B) Chronic heart disease  
(C) Malnutrition and anaemia (D) Nephritis
42. For what complication should a nurse monitor a client when Oxytocin (Pitocin) infusion is used to induce labour?  
(A) Intense pain (B) Uterine tetany  
(C) Hypoglycemia (D) Umbilical cord prolapse
43. Medical Termination of Pregnancy Act came into force on  
(A) April, 1971 (B) April, 1972  
(C) May, 1971 (D) May, 1972
44. Fertility in women is impaired by  
(A) hernia (B) high blood pressure  
(C) gallstones (D) obesity
45. A client in the prenatal clinic is diagnosed with preeclampsia. What clinical findings support this diagnosis?  
(A) Elevated blood pressure of 150/100 mmHg  
(B) Elevated blood pressure that is accompanied by a headache  
(C) Blood pressure above the baseline while fluctuating at each reading  
(D) Blood pressure more than 140 mmHg systolic accompanied by proteinuria
46. On observing a toddler in a playroom with other children, the type of play the nurse expects is  
(A) parallel (B) solitary  
(C) cooperative (D) unoccupied
47. One of the factors that can inhibit milk ejection reflex is  
(A) anaemia (B) pain  
(C) low blood pressure (D) hunger
48. Which of the following is a reassuring sign that a breastfed baby is getting enough breast milk?  
(A) Baby pass urine 6-8 times a day  
(B) Baby does not cry in a day  
(C) Baby sleeps 6 hours between feedings  
(D) Baby has at least 2 or more bowel movements a day
49. What is the primary nursing intervention for an infant with myelomeningocele before surgical correction?  
(A) Minimize infection (B) Prevent trauma to the sac  
(C) Observe for increasing paralysis (D) Assess the degree of bowel control

50. A child is admitted to the hospital with pneumonia. The priority need that must be included in the nursing plan of care for this child is
- (A) rest (B) exercise  
(C) nutrition (D) elimination
51. What is the backbone of maternal child health services?
- (A) Health education  
(B) Home visiting  
(C) Maintenance of records at sub-center  
(D) Antenatal checkup at sub-center
52. The concept of family welfare is related to
- (A) family planning (B) quality of life  
(C) birth control (D) family bonding
53. Which among the following is a barrier method of birth control?
- (A) IUD (B) Contraceptive pills  
(C) Diaphragm (D) Withdrawal
54. For providing healthful school environment, no classroom should accommodate more than
- (A) 30 students (B) 40 students  
(C) 50 students (D) 60 students
55. The scientific study of human population is called
- (A) Anthropology (B) Paleoanthropology  
(C) Sociology (D) Demography
56. In India the concept of primary healthcare was laid down by the recommendations of
- (A) Bhore Committee (B) Mudaliar Committee  
(C) Kartar Singh Committee (D) Jugunwala Committee
57. The peripheral outpost of the existing health delivery system in rural areas is
- (A) Anganwadi Center (B) Primary Health Center  
(C) Sub Center (D) Community Health Center
58. Surveying of all the families and collecting general information about each village is the job responsibility of
- (A) Health worker (female) (B) Health worker (male)  
(C) ASHA (D) Health supervisor
59. One of the most important measures to reduce infant mortality rate is
- (A) promotion of gender equality (B) prenatal nutrition  
(C) prevention of accidents (D) prevention of hypothermia

60. In communication process, the sender connects to the receiver through  
(A) feedback (B) noise  
(C) interpretation (D) channel
61. An act of omission (failure to act) that deviates from the accepted standard of care is called  
(A) tort (B) malpractice  
(C) negligence (D) breach of duty
62. The fundamental responsibilities of nurses in the ICN code of ethics include the following EXCEPT  
(A) To promote health (B) To restore health  
(C) To prevent illness (D) To alleviate disease
63. The top most hierarchy of organizational plan is  
(A) Policies (B) Objectives  
(C) Mission (D) Strategies
64. A statement that gives a detail about the responsibilities and conditions of the job is termed as  
(A) Job description (B) Job title  
(C) Job specification (D) Job summary
65. Which of the following elements of management determines in advance about the future course of action?  
(A) Organizing (B) Controlling  
(C) Directing (D) Planning
66. The word for a writing that is impossible to read is  
(A) illegible (B) illiterate  
(C) eligible (D) undetectable
67. Which word does NOT belong with the others?  
(A) Index (B) Glossary  
(C) Chapter (D) Book
68. **wind the is**  
Which word needs to be added to the above to make it a proper sentence?  
(A) house (B) dog  
(C) cold (D) night
69. Identify the next number in the sequence 3, 9, 27, 81, \_\_\_\_.  
(A) 143 (B) 243  
(C) 253 (D) 323

70. The value of  $\frac{3}{2} + \frac{1}{4}$  is

- (A) 0.46 (B) 0.75  
(C) 1.25 (D) 1.75

71. Choose the correct words to complete the sentence: "I don't trust lawyers,"

- (A) Never I have and never I will (B) I have never and I never will  
(C) I never have and I will never (D) Never have I and never will

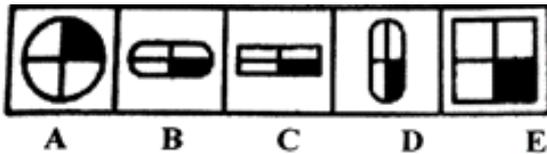
72. L is the mother of M and sister of N. Sister of O is M. If P is the husband of O, what is the relation of O with N?

- (A) Nephew (B) Niece  
(C) Mother (D) Daughter

73. J is heavier than K but lighter than I, K is heavier than L. M is heavier than J but lighter than I. Who is the heaviest?

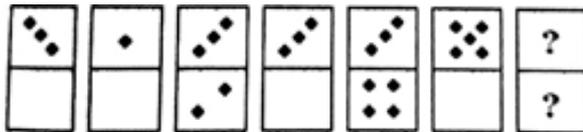
- (A) L (B) J  
(C) I (D) M

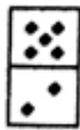
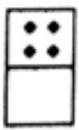
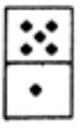
74. Choose the figure that does not share a common pattern with the other four:



- (A) A (B) D  
(C) C (D) E

75. Which figure is next in the series?



- (A)  (B)   
(C)  (D) 