

ODISHA NURSES AND MIDWIVES' EXAMINATION BOARD

ENTRANCE EXAMINATION

PBBSC NURSING 2023

Time 3 hours

Full Mark – 600

Answer all questions on the OMR Answer sheet provided.

Do not answer / write on the question booklet.

INSTRUCTIONS

1. This is the Question Booklet containing 150 multiple choice questions.
2. Do not answer on this Question Booklet.
3. Do not write name or roll number on this booklet.
4. A separate answer sheet (OMR) is provided.
5. Write the roll no, name and institution name in the OMR sheet as instructed.
6. Each question has four choices out of which only one is correct.
7. Answer the correct choice in the OMR sheet.
8. Each correct answer carries FOUR marks.
9. At the end of examination submit the Question Booklet along with the OMR sheet to the invigilator.
10. Use only black ball point pen to answer the OMR sheet.
11. Malpractice of any nature is strictly prohibited and if found the answer sheet shall be scratched.

Sd/-

CHAIRMAN ONMEB

18/8/23

QUESTIONS

1. Which of the following is not a function of digestive system
 - a. Breaking down
 - b. Absorption
 - c. Elimination
 - d. Exchange
2. Factor essential for absorption of vitamin B12 is:
 - a. Pepsin
 - b. Renin
 - c. Intrinsic factor
 - d. Extrinsic factor
3. Which of the following is a neuro regulator in relation to gastrointestinal tract:
 - a. Gastric
 - b. Acetylcholine
 - c. Cholecystokinin
 - d. Secretion
4. Caissons disease is seen in:
 - a. Pilots
 - b. Doctors
 - c. Divers
 - d. Engineers
5. Which of the following is not included in four quadrant of abdomen:
 - a. Right upper quadrant
 - b. Left upper quadrant
 - c. Right lateral quadrant
 - d. Left lower quadrant
6. The enzyme markedly increased in obstructive jaundice is:
 - a. SGOT
 - b. SGPT
 - c. CCK-MB
 - d. Alkaline phosphatase

7. Blood makes up approximately how many percentages of normal body weight of adult :
- 5% to 8%
 - 7% to 10%
 - 6% to 9%
 - 8% to 9%
8. A high level of creatinine indicates:
- Kidney failure
 - Heart failure
 - Liver failure
 - None
9. The right atrium and right ventricle are separated by which septum?
- Pulmonic valve
 - Aortic valve
 - Tricuspid valve
 - Mitral valve
10. Calcitonin is produced by:
- Thyroid hormone
 - Parathyroid hormone
 - Pituitary hormone
 - Pancreatic hormone
11. The cardiac electrical impulse occurs at a rate of 60 to 100 times which is originated from:
- AV node
 - SA node
 - Purkinje fibers
 - Bundle of His
12. Zona glomerulosa of adrenal cortex contains:
- Sex hormones
 - Glucocorticoids
 - Mineral corticoids
 - Noradrenaline
13. Canal like structures involved in secretory activities of the cell is known as:
- Golgi apparatus
 - Endoplasmic reticulum
 - Mitochondria
 - Lysosome

14. Somatostatin is a hormone found in:

- a. Brain
- b. Pancreas
- c. GIT
- d. All the above

15. Nursing is a professional service which includes:

- a. Art
- b. Science
- c. Vocation
- d. All of the above

16. Disturbed taste sensation is:

- a. Ageusia
- b. Dysgeusia
- c. Hypogeusia
- d. Anosmia

17. The international council of nurses (I.C.N) adopted the code of ethics in the year:

- a. 1971
- b. 1972
- c. 1973
- d. 1976

18. The cells of the testis, which produce testosterone are:

- a. Sertoli cells
- b. Leydig cells
- c. Kupffer cells
- d. Parietal cells

19. An agent that inhibits the growth of bacteria is known as:

- a. Asepsis
- b. Antiseptic
- c. Bacteriostat
- d. Bactericide

20. Which structure helps in changing the thickness of eye lens:

- a. Iris
- b. Ciliary body
- c. Choroids
- d. Sclera

21. For fumigation of operation theatre with formalin which chemical is used:

- a. Potassium permanganate
- b. Calcium sulfate
- c. Sodium hydroxide
- d. Magnesium phosphate

22. Cold sterilization means:

- a. Fumigation or gas sterilization
- b. Ultra violet light sterilization
- c. Disinfection using disinfectants
- d. Radiation

23. The founder of modern nursing is:

- a. Virginia Henderson
- b. Mother Theresa
- c. Sister Diana
- d. Florence Nightingale

24. Which of the following room temperature is suitable for hospital environment:

- a. 68 to 72°F
- b. 70 to 82°F
- c. 80 to 98°F
- d. 90 to 98.6°F

25. Which of the following food is included in protective food:

- a. Protein
- b. Vitamins
- c. Minerals
- d. All of the above

26. NANDA stands for:

- a. North Australian Nursing Diagnosis Association
- b. North African Nursing Diagnosis Association
- c. North American Nursing Diagnosis Association
- d. All of the above

27. Which of the following is non-essential amino acid?

- a. Histidine
- b. Isoleucine
- c. Lysine
- d. Arginine

28. Which of the following is not a function of Vitamin C?

- a. Utilization of Iron
- b. Production of collagen
- c. Energy metabolism
- d. Wound healing

29. Skeletal traction is:

- a. Steinmann pin, Kirschner wire
- b. Skeleton
- c. Russell traction
- d. None of the above

30. Name the micro mineral whose daily requirement is 100 mg or above:

- a. Copper
- b. Fluoride
- c. Calcium
- d. Zinc

31. Name the vitamin which is not present in foods of vegetable origin:

- a. Vitamin A
- b. Vitamin B complex
- c. Vitamin D
- d. Vitamin K

32. Trendelenburg position is used to prevent:

- a) Shock
- b) Aspiration
- c) Dyspnea
- d) Backache

33. Vegetable oils are rich in which type of vitamin:

- a. Vitamin E
- b. Vitamin B complex
- c. Vitamin A
- d. Vitamin K

34. Name the theorist who had developed nursing theory of aging:

- a. Erikson
- b. Florence Nightingale
- c. Havighurst
- d. Miller

35. Diuretics;

- a) Increase the flow of urine
- b) Decrease the flow of urine
- c) Both of a and b
- d) None of the above

36. Which of the following is not included in the role of nurse?

- a. Practitioner role
- b. Political role
- c. Leadership role
- d. Research role

37. Which practice of the following is identified as advanced in nursing?

- a. Nurse practitioner (NP)
- b. Certified registered nurse anaesthetist (CRNA)
- c. Clinical nurse specialist (CN)
- d. All of the above

38. "Contraction alkalosis" is the other name of:

- a. Respiratory acidosis
- b. Metabolic acidosis
- c. Metabolic alkalosis
- d. Respiratory alkalosis

39. Which of the following is not related to evaluation phase of nursing process?

- a. Outcomes
- b. Outcome achieved
- c. Expected outcome
- d. Intervention

40. Name the term of neurologic transmission of pain impulses to the spinal cord:

- a. Stimulus transmission
- b. Pain response
- c. Nociception
- d. Placebo effect

41. Hypokalemia occurs in:

- a. Gastroenteritis
- b. Polyuria
- c. Adrenal insufficiency
- d. All of the above

42. Fungating lesion on the sole of foot caused by a papilloma virus is called:

- a. Plantar warts
- b. Corns
- c. Callus
- d. Paronychia

43. Which of the following is the correct sequence of zygote:

- a. Zygote - morula - blastocyst
- b. Zygote - blastocyst - morula
- c. Zygote - trophoblast - blastocyst
- d. Zygote - zonapellucida - blastocyst

44. Mention the day during which feto-placental circulation being started:

- a. 13th day
- b. 16th day
- c. 21 - 22nd day
- d. 10 - 11th day

45. The proportion of the weight of placenta & weight of the foetus at term is being roughly:

- a. 1 : 5
- b. 1 : 6
- c. 1 : 4
- d. 1 : 8

46. Hepatitis B is otherwise known as:

- a. Viral hepatitis
- b. Serum hepatitis
- c. Bacterial hepatitis
- d. None of this

47. The infant can be placed on the toilet seat by the age of :

- a. 15 - 18 months
- b. 2 years
- c. 10 months
- d. 3 years

48.The causes of proportional short stature of children except:

- a. Familial
- b. Constitutional delay in growth
- c. Rickets
- d. Genetic disorder

49.Which of the following statements is not include to ensure open airway in newborn?

- a. Proper position of the infant
- b. Suction of mouth & then nose
- c. Tactile stimulation
- d. Endotracheal intubation & respiration in thick meconium

50.Salmonella which can cause prolong septicemia:

- a. Salmonella anatum
- b. Salmonella choleraesuis
- c. Salmonella typhimurium
- d. Salmonella enteritidis

51.Name the following which is not a hormonal contraceptive for women:

- a. Oral pill
- b. Foam tablets, jelly & cream
- c. Injectables (DMPA, NET-EN)
- d. Subdermal implants

52.The Alma-Ata conference was held in which year stressed the need for health for all:

- a. 1976
- b. 1978
- c. 1974
- d. 1979

53.For effective sterilization, steam in an autoclave should be at a pressure of 15 pounds per square inch for 30 minutes and a temperature of:

- a. 100 Degree Celsius
- b. 110 Degree Celsius
- c. 121 Degree Celsius
- d. 131 Degree Celsius

54. Mention the statement which is not a principle of home visiting:
- Home visiting should be made according to the needs of the people
 - It should be a part of a planned visiting programme
 - The approach to the family should be judgemental
 - The health teaching should be scientifically sound.
55. Red cross society of India was established in the year:
- 1920
 - 1928
 - 1918
 - 1877
56. Urine sample for culture is collected from:
- First urine
 - Last urine
 - Mid-stream urine
 - First and Last urine
57. The client will be appeared pink with cessation of breathing indicates which type of poisoning:
- Food poisoning
 - Drug poisoning
 - Carbon monoxide
 - Poisonous plants
58. In which stage of family cycle, the children grow up and leave the family of origin and form their own families:
- Stage of formation
 - Stage of growth
 - Stage of retraction
 - Stage of disintegration
59. While administering medication to patients, though it is painful, but provides benefits of protection from diseases, the ethical principle involved in this situation is:
- Non maleficence
 - Beneficence
 - Fidelity
 - Autonomy

60. What is emotion?

- a. An inner force which drives an individual
- b. Is a strong feeling
- c. Meeting the needs of a given situation
- d. An acquired characteristics

61. Which component of following statement is not included in attitude

- a. A cognitive or knowledge element
- b. An effective or feeling element
- c. Learnt from text books
- d. Tendency to action

62. The proper positioning of the patient to obtain cervical swab for PAP smear is:

- a. Lithotomy position
- b. Prone position
- c. Supine position
- d. Lateral position

63. Which of the following term is not used synonymously to motivation:

- a. Needs
- b. Desires
- c. Recognition
- d. Urges

64. Which statement of the following is not a principle in habit formation?

- a. Habits are formed overnight
- b. There should be a strong emotional stimulus to form habit
- c. Habit formation should begin early in childhood
- d. Habit requires past experience

65. A nurse midwives put the newborn baby on weighing scales to check the weight after delivery. The method of heat loss by this activity is?

- a. Conduction
- b. Convection
- c. Evaporation
- d. Radiation

66. Which of the following is an internal source of frustration?

- a. Unemployment
- b. Lack of health
- c. Failures
- d. Defeat

67. Name the defense mechanism in which the individual blames others for his mistakes or failures:

- a. Rationalization
- b. Compensation
- c. Displacement
- d. Projection

68. Name the person who is known as father of Modern microbiology:

- a. Antony van Leeuwenhoek
- b. Joseph Lister
- c. Louis Pasteur
- d. Robert Koch

69. The normal term newborn baby's heart rate ranges between:

- a. 120-140 beats/min
- b. 120-160 beats/min
- c. 100-140 beats/min
- d. 100-160 beats/min

70. Lepra bacilli were being discovered by whom:

- a. Nelsson
- b. Escherich
- c. Pfeiffer
- d. Hansen

71. What is the shape of vibrio bacteria?

- a. Comma shaped
- b. Oval shaped
- c. Rod shaped
- d. Spiral shaped

72. Which bacteria is arranged in grape-like clusters?

- a. Streptococci
- b. Streptobacilli
- c. Diplococci
- d. Staphylococci

73. The measure of central tendency that is computed by summing all the scores of a study and dividing by the number of subjects is called as:
- Median
 - Mean
 - Mode
 - Normal distribution
74. Name the disease prevalent in a particular area is known as:
- Endemic
 - Epidemic
 - Pandemic
 - All of the above
75. Sexually transmitted disease syphilis is caused by which microbes:
- Leptospira
 - Borrelia
 - Treponema pallidum
 - Vibrio
76. Dietary risk factors for cancer at various sites in the human body is due to all except:
- High fat diet
 - Eating fresh fruits and vegetables
 - Use of salted and smoked food
 - High intake of alcohol
77. For sterilization of milk which method is suitable?
- Boiling
 - Steaming
 - Pasteurization
 - Tyndallisation
78. The first human outbreak of Ebola virus disease occurred in?
- 1920
 - 1989
 - 1976
 - 2029
79. The newborn requires some assistance to begin breathing at birth is approximately:
- 90 percentage
 - 10 percentage
 - 30 percentage
 - 20 percentage

80. Adduction is mean to:

- a. Movement towards the midline of the body
- b. Movement away from the midline of the body
- c. Turning or movement of a part around its axis
- d. Movement that turns the sole of the foot inward

81. The enzyme level which is found elevated after myocardial infarction is:

- a. Serum creatinine
- b. Alkaline phosphate
- c. Phosphokinase
- d. Creatine kinase

82. The essential mineral for building caries-resistant teeth in a child is:

- a. Chlorine
- b. Fluoride
- c. Calcium
- d. Magnesium

83. The mediastinal space is an extra pleural space that contains:

- a. Heart, lungs, sternum, thyroid glands
- b. The large vessels, heart, mainstem bronchus & thymus gland
- c. Lungs, aorta, mainstem bronchus & thymus gland
- d. Large vessels, thyroid glands, aorta, lungs

84. Hypernatremia is the condition in which serum sodium level is:

- a. Higher than 145 mEq/L (145 mmol/L)
- b. Higher than 160 mEq/L (160 mmol/L)
- c. Higher than 345 mEq/L (345 mmol/L)
- d. Higher than 265 mEq/L (265 mmol/L)

85. The act that is recommended for provision of creches for women in factory:

- a. ESI Act 1948
- b. The Indian Mines Act 1923
- c. The Factories Act 1976
- d. CGHS

86. An enzyme inhibitor that protects the lungs parenchyma from injury:

- a. ACE
- b. Alpha2-antitrypsin
- c. Alpha1-antitrypsin
- d. Angiotensin-II

87. Uncontrolled Type II diabetes may lead to

- a. Acute problem like hyperglycemic hyperosmolar syndrome(HHS)
- b. Coma
- c. Hyperglycemia
- d. Diabetic ketoacidosis

88. "Farmer's lung" is due to inhalation of:

- a. Cotton fiber
- b. Sugarcane dust
- c. Hay dust
- d. Coal dust

89. The major action of somatostatin hormone is:

- a. Inhibits FSH & LH
- b. Inhibits GH & TSH
- c. Inhibits FSH & TSH
- d. Inhibits GH & LH

90. Anaphylaxis occurs due to:

- a. Chemical reaction in body
- b. Reaction of medication
- c. Increase of toxins
- d. Arsenic reaction

91. Floating tip of iceberg indicates:

- a. Subclinical cases
- b. Clinical cases
- c. Fatal cases
- d. Unidentified cases

92. In ZES (Zollinger Ellison Syndrome) the main manifestation is:

- a. Stomach cancer
- b. Bladder ulcer
- c. Colitis
- d. Peptic ulcer

93. HALE is named as:

- a. Health adopted life expectation
- b. Health adjusted life expectancy
- c. Healthy adjustment with life and environment
- d. Health and life expectation

94. A female who has given birth to one viable child is termed as:

- a. Primi para
- b. Multipara
- c. Nullipara
- d. Primigravida

95. Tertiary prevention aims to:

- a. Reduce the prevalence of disease and shortening of its duration
- b. Reduce incidence of disease
- c. Reduce the number and/or impact of complications
- d. Reduce the spread of infection from environment

96. An example of carrier of infectious agents by portal of exit is:

- a. Saliva
- b. Blood
- c. Body fluid
- d. Urinary

97. Pathological repetition, involving imitation of speech of another person is termed as:

- a. Enuresis
- b. Echolalia
- c. Encopresis
- d. Echopraxia

98. Fresh papaya leaves juice is very good home remedy for the treatment of:

- a. Kala azar (Black fever)
- b. Dengue fever
- c. Malaria fever
- d. Typhoid fever

99. An active man might require thiamine per day:

- a. 0.5 mg/day
- b. 0.1 mg/day
- c. 1.5 mg/day
- d. 2.0 mg/day

100. Decentralization of authority and decision-making power to accomplish the task:

- a. Authority
- b. Responsibility
- c. Accountability
- d. Delegation

101. Total numbers of facial bone:
- 12
 - 10
 - 14
 - 16
102. The rectus femoris has fascicles arranged on both sides of a centrally positioned tendon. This pattern of fascicle arrangement is:
- Unipennate
 - Fusiform
 - Multipennate
 - Bipennate
103. What is the name of causative agent of kala-azar:
- Leishmania
 - Aedes aegypti
 - Culicine
 - Rotta
104. Discharge planning of a patient begins:
- When the physician orders for discharge
 - When patient starts showing positive response to the treatment
 - At the time of initiation of the treatment
 - At admission
105. Ethical principle refers to doing good to the client is called as:
- Beneficence
 - Non-Maleficence
 - Autonomy
 - Justice
106. As prevention and control of filariasis, mass blood survey should be done. For this which film slide is taken at night:
- Thick film
 - Thin film
 - Dense film
 - Irregular film

107. Infection occurs following treatment modality or procedures is known as:
- Latrogenic infection
 - Nosocomial infection
 - Concurrent infection
 - Fomite infection
108. The colour of bag in which the infectious solid waste is disposed is:
- Red
 - Black
 - Blue
 - Yellow
109. Ideal temperature of water used in sitz bath is:
- 110°- 115
 - 101° -105°f
 - 1060-109°f
 - 1150-117 f
110. Fiber optic items are disinfected with:
- 0.5% chlorine
 - 2% glutaraldehyde
 - 50-60% alcohol
 - Savlon
111. The factors that interfere with correct function of pulse oximeter includes all except:
- Carbon monoxide poisoning
 - Hypertension
 - Pulse volume
 - Vaso constriction
112. Agents which will help to relieve allergies is:
- Antihistamines
 - Antibiotics
 - Anticoagulants
 - Antiseptics
113. Gradual increase in rate and depth of respiration is known as:
- Hyperventilation
 - Hypoventilation
 - Kussmaul respiration
 - Chyne strokes

114. The preferred site for intramuscular injection with z-track technique in an adult is:
- Ventrogluteal
 - Rectus femoris
 - Deltoid
 - Vastus lateralis
115. The term schizophrenia is coined by:
- Linda Richard
 - Eugene Bleuler
 - Pythagoras
 - Plato
116. Fertilizable life span of OO cycle ranges from:
- 16 - 24 hrs
 - 12 - 24 hrs
 - 24 - 48 hrs
 - 48 - 72 hrs
117. The normal diameter for engagement in vertex presentation is:
- Suboccipito-bregmatic diameter
 - Occipitobregmatic diameter
 - Submentobregmatic diameter
 - Mentobregmatic diameter
118. Single layer of flattened cell is called:
- simple squamous epithelium
 - simple cuboidal epithelium
 - simple columnar epithelium
 - ciliated columnar epithelium
119. After delivery the immediate care given to the baby is:
- To clamping the cord
 - Clean the cord
 - To clear the airway
 - Initiate the feeding
120. Separation of placenta starts from the margin is called as:
- Mathews Duncan method
 - Schultz method
 - Decidual separation
 - All of the above

121. Typhoid is transmitted through:
- Water and food
 - Air
 - Touch
 - Personal contact
122. Overlapping of parietal bone during birth is called as:
- Caput
 - Moulding
 - Hematoma
 - All of the above
123. Failure in placental function indicates when the number of kicks is less than _____ in 12 hrs
- 2
 - 5
 - 10
 - 20
124. The muscle which separates the abdominal cavity from the thoracic cavity is:
- External intercostal
 - Internal intercostal
 - Diaphragm
 - Periosteum
125. Common causes of PPH are:
- Atonic
 - Traumatic
 - Retained tissues
 - All of the above
126. Crowding of an infant occurs at:
- 8 to 9 months
 - 2 to 3 months
 - 6 to 8 months
 - 10 to 12 months

127. For prevention of IDD the amount of iodine in salt consumed should not less than:
- 30 ppm
 - 15 ppm
 - 20 ppm
 - 25 ppm
128. Asperger's syndrome is a:
- Neuromuscular disease
 - Degenerative disorder
 - Developmental delay
 - Metabolic disorder
129. The last neonatal reflex to emerge is:
- Rooting reflex
 - Grasp reflex
 - Babinski reflex
 - Moro's reflex
130. Which one of the following is the correct formula for calculating a person's body mass index (BMI)?
- Weight in kg divided by height in meters
 - Weight in kg divided by height in meters square
 - Weight in Kg x height in meters
 - Weight in pound divided by height in meters square
131. Bag & Mask ventilation is contraindicated in newborn resuscitation with clinical suspicion of:
- Diaphragmatic hernia
 - Intracranial haemorrhage
 - Born to diabetic mother
 - Pneumothorax
132. Craniopagus refer to
- Fusion at head and spine
 - Fusion at head only
 - Fusion at head and legs
 - None of the above

133. Hallucination is a disorder of:
- Consciousness
 - Memory
 - Perception
 - Thought
134. Kangaroo mother care is necessary till baby attains a weight of:
- 1500 gm
 - 2000 gm
 - 2500 gm
 - 3000 gm
135. Only human beings are the reservoirs for:
- Pox
 - Influenza
 - Salmonella
 - Rabies
136. Temperature of solution used for evacuate enema for adult is:
- 105° -110of
 - 110° – 112°F
 - 115°– 118°F
 - 1180-120°F
137. The histamine is a very reliable method for detecting at an early stage peripheral nerve damage due to:
- Leprosy
 - Cancer
 - C.V.A
 - None of the above
138. The product of fat oxidation is always remain in blood in very small amounts is known as:
- Carbohydrate
 - Carbon dioxide
 - Keto acids
 - Creatine

139. During which stage of labour placenta is delivered?
- Stage - 1
 - Stage - 2
 - Stage - 3
 - Stage - 4
140. Irregular distribution of demyelinated white matter through out the brain & spinal cord is a disease that is called as:
- Neuritis
 - Multiple (disseminated) sclerosis
 - Paralysis
 - Hyperaesthesia
141. Administration is:
- Ongoing
 - Goal oriented
 - Social & human
 - All of the above
142. According to Henry Fayol, a leader should have:
- Health and capacity
 - Moral quality
 - Administrative skills
 - All of the above
143. The term MBO i.e. Management By Objectives was coined by:
- Peter F Drucker
 - MW McFarland
 - Elton Mayo
 - D McGregor
144. Janitor's room is for keeping:
- Paroler, phenyl mop with big wash basin
 - Sterilizer & drums & with racks
 - Linen and after sterilization with locker
 - None of the above
145. Assuming all the members of a group are alike is called as:
- Cultural imposition
 - Cultural competency
 - Stereotyping
 - Clustering

146. Clang association means:
- Impaired verbal communication
 - Risk for violence
 - Ineffective health maintenance
 - Disturbed sensory perception
147. All of the following are features of Parkinson's disease except:
- Rest tremors
 - Mask like face
 - Rigidity
 - Preserved postural reflexes
148. Narcolepsy is due to abnormality in:
- Hypothalamus
 - Neocortex
 - Cerebellum
 - Medulla oblongata
149. According to Kubler, Ross theory of grief, which among the following behaviour is observed in stage -II:
- Depression
 - Anger
 - Bargaining
 - Denial
150. Persecutory delusion is common in:
- Schizophrenia
 - Paranoid schizophrenia
 - BPAD
 - OCD

1. The first part of the report is a general introduction to the subject of the study. It discusses the importance of the study and the objectives of the research.

2. The second part of the report is a detailed description of the methodology used in the study. It includes information about the sample size, the data collection methods, and the statistical analysis techniques.

3. The third part of the report is a discussion of the results of the study. It presents the findings of the research and discusses their implications for the field of study.

4. The fourth part of the report is a conclusion and a list of references. The conclusion summarizes the main findings of the study and provides recommendations for future research. The references list the sources of information used in the study.

5. The fifth part of the report is an appendix containing additional information related to the study. This may include raw data, detailed calculations, or other supporting materials.