

ODISHA NURSES AND MIDWIVES' EXAMINATION BOARD

**ENTRANCE EXAMINATION
PB DIPLOMA NURSING 2022**

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

1. Cause of atonic PPH are all of the following except
 - a) Precipitate labour
 - b) Preeclampsia
 - c) Placenta Previa
 - d) Multiple Pregnancy

2. What Indicates the change in the quality or character of a child.
 - a) Growth
 - b) Development
 - c) Learning
 - d) Environment

3. After-coming head of breech is delivered by
 - a) Groin traction
 - b) Lovset method
 - c) Pinard's maneuver
 - d) Burns Marshall

4. Life threatening eating disorder is called as
 - a) Encopresis
 - b) Somnambulism
 - c) Bulimia nervosa
 - d) Enuresis

5. Which of the following is considered to be highest quality type of literature?
 - a) Research articles in a peer-reviewed journal
 - b) Secondary sources
 - c) Books
 - d) Research reports in a conference proceeding

6. Which of the following is not the element of a research statement?
 - a) Research design
 - b) Research instrument
 - c) Population
 - d) Time

7. Problem identification in the research process would be equivalent to which step in the nursing process?
 - a) Nursing assessment
 - b) Planning
 - c) Implementation
 - d) Evaluation
8. Which of the following usually refers to the independent variables in doing research?
 - a) Result
 - b) Cause
 - c) Output
 - d) Effect
9. In which age, all sick children are examined for general danger signs
 - a) New born upto 3 years
 - b) 2 month upto 5 years
 - c) 6 month upto 8 years
 - d) 10 month upto 10 years
10. Which is severe brain disorder?
 - a) Autism
 - b) Child head Schizophrenics
 - c) Hyper activity disorder
 - d) Conduct disorder
11. The reaction between antibody and soluble antigen is demonstrated by
 - a) Agglutination
 - b) Precipitation
 - c) Complement fixation
 - d) Hemagglutination test
12. Fever is caused by

- a) IL 3
- b) IL 6
- c) IL 5
- d) IL 9

13. Pneumocystis carinii infects

- a) Human
- b) Monkey
- c) Rat
- d) Cat

14. 8 Year old girl presents with watery diarrhea. Most likely causative agent

- a) Rota virus
- b) V. Cholerae
- c) Salmonella
- d) Shigella

15. Which one is the type of bone cancer?

- a) Osteosarcoma
- b) Osteoporosis
- c) Osteoblastoma
- d) Bone cancer

16. Red cell in iron deficiency anaemia are

- a) Normocytic
- b) Hyper chromic
- c) Microcytic
- d) Macrocytic

17. Sarcomere lies between two

- a) I bands
- b) A bands
- c) M lines
- d) Z lines

18. Free margins of the broad ligaments contain
- a) Ureters
 - b) Uterine tubes
 - c) Ligament of ovary
 - d) Round ligament of uterus
19. Following joints are of saddle variety, except
- a) First carpometacarpal
 - b) Patellofemoral
 - c) Acromioclavicular
 - d) Calcaneocuboid
20. Antibodies are formed by
- a) B lymphocytes
 - b) Memory T cells
 - c) Helper T cells
 - d) Cytotoxic T cells
21. The epidermal ridges of fingerprints are caused by
- a) Fibers in dermis
 - b) Openings of sweat glands
 - c) Dermal papillae
 - d) Pull by arrector pili
22. Proximal convoluted tubule absorbs
- a) 10 % of water
 - b) 65 % of water
 - c) 20% of water
 - d) Water according to need of the body
23. Sympathetic stimulation of salivary gland causes
- a) Secretion of watery saliva
 - b) Secretion of saliva rich in water & enzymes
 - c) Viscous saliva
 - d) All the above

24. The most important contribution to research in health by Florence Nightingale was:
- a) Development of nursing theory in "Notes on Nursing
 - b) Compilation of data on soldiers' morbidity and mortality.
 - c) Study of the best way to acquire provisions.
 - d) Experimenting with the wound care technique.
25. The feasibility of a research study should be considered in the light of
- a) A cost and time required to conduct the study.
 - b) Skills required by the researcher
 - c) Potential ethical concern
 - d) All the above.
26. Which of the following not true about machine intelligence.
- a) It is based on algorithms
 - b) It cannot work in government sector
 - c) It is typically based on vast data sets available
 - d) It attempts to extract useful patterns of information from data
27. Which of the following best describes quantitative research?
- a) Collection of non-numerical data
 - b) Attempt to confirm the researcher's hypotheses
 - c) Research that is exploratory
 - d) Research that attempts to generate a new theory
28. Method used for acid fast staining
- a) Robertson's method
 - b) Ziehl - Neelsen
 - c) Silver impregnation method
 - d) Dark ground illumination
29. Platelets have life span of
- a) 1-2 days
 - b) 7- 10 days
 - c) 30 days
 - d) 40 days

30. Mean arterial blood pressure is

- a) 120mmHg
- b) 80mmHg
- c) 100mmHg
- d) 150mmHg

31. Colorful part of the eyes known as

- a) Iris
- b) Cornea
- c) Pupil
- d) Eye ball

32. Which of the following contributes to the wheezing of Asthma?

- a) Constriction of the bronchiolar smooth muscle
- b) Edema of the vocal cord
- c) Inflammation of the trachea and pharynx
- d) Pneumothorax

33. Hypoventilation can cause

- a) Bleeding and hypotension
- b) Alkalosis and Kussmaul respiration
- c) Hypoxemia and Acidosis
- d) Hyperglycemia and Acidosis

34. Which is true about the thymus?

- a) It makes B cells
- b) It makes T cells
- c) It stops working as you age
- d) All the above are correct

35. At the end of puerperium, the uterus weighs about

- a) 30 - 40 grams
- b) 60 - 80 grams
- c) 100 - 110 grams
- d) 95 - 105 grams

36. The Pelvis caused by rickets in early childhood i

- a) Gynaecoid pelvis
- b) Android pelvis
- c) Rachitic flat pelvis
- d) Anthropoid pelvis

37. The most common indication for caesarean section is

- a) Vaginal atony
- b) Cephalo - pelvic disproportion
- c) Placenta Previa
- d) Primary uterine inertia

38. Which of the following is not true about pinard's stethoscope?

- a) It should be held firmly at right angle to the point on the abdominal wall
- b) It should be touched by hand while listening
- c) It is used for intermittent auscultation
- d) The ear must be firmly closed to the aural end

39. Among the following which is not the indication of second and third trimester ultrasonography.

- a) Cervical insufficiency
- b) Liquor volume (Poly / Oligohydramnios)
- c) Placenta previa / Abruptio
- d) Intrauterine pregnancy

40. Living ligature of the uterus is

- a) Endometrium
- b) Middle layer of myometrium
- c) Inner layer of myometrium
- d) Perimetrium

41. Methods employed for ripening of the cervix are the following except

- a) Use of Prostaglandins
- b) Oxytocin
- c) Fundal massage
- d) Stripping of the membranes

42. Strongest Stimulation for lactation is by
- Metoclopramide
 - Suckling
 - Bromocriptine
 - Post-Partum hemorrhage
43. Which of the following is not likely mechanism of action of OPCs?
- Inhibiting ovulation by bringing about changes in FSH and LH secretion
 - By altering the endometrium
 - By bringing about changes in cervical mucus.
 - Incapacitates sperm
44. Swelling which is formed because of the stagnation of fluid in the layers of the scalp is called
- Caput Succedaneum
 - Cephal hematoma
 - Moulding
 - Subarachnoid hematoma
45. The distance between the midpoint of the sacral promontory to the inner margin of the upper border of symphysis pubis is
- True conjugate
 - Conjugate vera
 - Obstetrical conjugate
 - Anatomical conjugate
46. Bluish coloration of vaginal mucosa is
- Hegar's sign
 - Chadwick's sign
 - Goodall's sign
 - Jacquemier's sign
47. By how many weeks of pregnancy breast secretion becomes thick & yellowish.
- 10 weeks
 - 20 weeks
 - 16 weeks
 - 12 weeks

48. Brim index in a normal pelvis measures
- 105 - 120
 - 125 - 140
 - 145 - 160
 - 85 - 100
49. Placental separation occurs through the decidua spongiosum
- Superficial to troposphere
 - Deep to Nitabuch's layer
 - Deep to troposphere
 - Superficial to Nitabuch's layer
50. The following are related to lactation except
- An intact nerve supply is not essential for growth of the mammary
 - Milk secretion starts on the third or fourth postpartum day
 - For milk secretion nursing effort is essential
 - For maintenance of continuous and effective lactation suckling is essential
51. Which ethical principle promote self-determination by the client?
- Autonomy
 - Non-maleficence
 - Justice
 - Fidelity
52. Nurse obtains vital signs and determines level of comfort of the patient
Which standard of practice is performed?
- Assessment
 - Planning
 - Diagnosis
 - Implementation
53. Gradual increase in rate and depth of respiration is known as-----
- Hyperventilation
 - Hypoventilation
 - Kussmaul respiration
 - Cheyne-stroke respiration

54. Deficiency of oxygen in the tissue is known as
- Hypoxia
 - Hypoxemia
 - Cyanosis
 - Apnea
55. Stiffness occur to the body after death is known as
- Alger mortis
 - Livor mortis
 - Rigor mortis
 - Decomposition
56. Which of the following substance can lead to neurological manifestation in newborns known as Kernicterus?
- Bile salt
 - Conjugated Bilirubin
 - Unconjugated Bilirubin
 - Biliverdin
57. Fever, Headache, Nuchal rigidity are classic symptoms seen in -----
- Alzheimer's disease
 - Brain abscess
 - Meningitis
 - Parkinson's disease
58. Acute hemorrhage(bleeding) from the nasal cavity is termed as
- Epistaxis
 - Hematemesis
 - Hemoptysis
 - Rhinorrhea
59. Which of the following condition is associated with increased intra-ocular pressure?
- Cataract
 - Conjunctivitis
 - Retinitis
 - Glaucoma

60. Apgar score helps to assess depression of
- a) Cardiopulmonary Function
 - b) Psychomotor function
 - c) Integumentary function
 - d) Cardiopulmonary and neurological function
61. Kegel exercises during pregnancy helps in strengthening of
- a) Pelvic floor muscle
 - b) PSAS muscle
 - c) Rectus abdominus
 - d) Quadratus Lumborum
62. Primary post-partum hemorrhage occurs within ----- hours of delivery
- a) 6 hour
 - b) 8 hour
 - c) 12 hour
 - d) 24 hour
63. Detection of high level of alpha fetoprotein in mother's blood indicate that developing baby has;
- a) Coarctation of aorta
 - b) Delayed skeletal development
 - c) Neural tube defect
 - d) Development of tumors
64. National Malaria eradication program was launched in the year
- a) 1953
 - b) 1958
 - c) 1970
 - d) 2002
65. Case finding in RNTCP is based on
- a) Sputum culture
 - b) Sputum microscopy
 - c) X-ray chest
 - d) Mantoux test/PCR
66. Leading cause of blindness in India is

- a) Cataract
 - b) Glaucoma
 - c) Trachoma
 - d) Vitamin A deficiency
67. Human chorionic gonadotropin is produced by---
- a) Placenta
 - b) Ovary
 - c) Pituitary
 - d) Gonads
68. The act that is recommended for provision of creches for women in factory is known as
- a) The ESI Act 1948
 - b) Indian Mines Act 1923
 - c) The Factories act 1976
 - d) CGHS
69. Health Survey and Development Committee is also known as
- a) Bhole Committee
 - b) Chah Committee
 - c) Shrivastava Committee
 - d) Mukherjee Committee
70. Which among these is a Live Vaccine_____
- a) DPT
 - b) Hepatitis-B
 - c) TT
 - d) BCG
71. Following are the elements of primary health care, except
- a) Health education
 - b) Safe drinking water
 - c) Cost effectiveness
 - d) Provision of essential drugs

72. DOTS is related to

- a) Tuberculosis
- b) Leprosy
- c) Malaria
- d) HIV

73. The World Health Organization Day is

- a) 7th April
- b) 4th May
- c) 17th August
- d) 14 December

74. Prevention of risk factor related to a disease condition is known as

- a) Primordial prevention
- b) Primary prevention
- c) Secondary prevention
- d) Tertiary Prevention

75. Eligible couple represents which age group?

- a) 12-49 Year
- b) 15-49 Year
- c) 14-49 Year
- d) 18-49 Year

76. Ivan Pavlov proposed the concept of

- a) Operant Conditioning
- b) Classical Conditioning
- c) Learning by trial and error
- d) Learning by insight

77. ASHA worker works for a population of _____ number.

- a) 3000
- b) 1000
- c) 5000
- d) 4000

78. ASHA Scheme is associated with
- ICDS
 - Rural Health Mission
 - 20 Points Program
 - Minimum needs Program
79. NRHM was started in the year
- 2005
 - 2006
 - 2007
 - 2009
80. Vitamin A supplementation administered under national program for prevention of nutritional blindness contains
- 25,000 IU/ml
 - 1 lakh IU/ml
 - 3 lakh IU/ml
 - 5 lakh IU/ml
81. The emergency contraceptive for women is -----
- Mala-D
 - Mala-N
 - Levonorgestrel
 - Progesterone
82. Which IUCD acts for 10 years
- Cu-T200
 - Cu-T750A
 - Cu-T380A
 - Multiload 250
83. DMPA is an injectable contraceptive given every-----
- 2-week
 - 2-month
 - 3-week
 - 3-month

84. Leading cause of maternal death in India is -
- a) Anemia
 - b) Hemorrhage
 - c) Sepsis /Abortion
 - d) Obstructed labor
85. Mean, median and mode are
- a) Measures of dispersion
 - b) Measures association between two variables
 - c) Test of significance
 - d) Measures of central tendency
86. Under MCH program, IFA tablet to be given daily to the mother has
- a) 60 mg iron + 500mcg Folic acid
 - b) 100 mg iron +500mcg Folic acid
 - c) 60 mg iron + 100mcg Folic acid
 - d) 100 mg iron +100mcg Folic acid
87. Most frequently occurring value in a group of data is
- a) Mean
 - b) Mode
 - c) Median
 - d) Standard deviation
88. Perinatal death refers to death of a fetus or neonate
- a) After 28 weeks of pregnancy
 - b) Within 7 days after birth
 - c) Both A & B
 - d) None
89. Infant Mortality rate is no. of infant death per
- a) 1000 Total birth
 - b) 1000 live birth
 - c) 1000 pregnancy
 - d) None

90. The most important factor in a therapeutic relationship is
- Trust
 - Knowledge
 - Professionalism
 - Motivating
91. The part of mind that distinguishes right from wrong and acts as censor of behavior is known as
- IQ
 - Ego
 - Superego
 - Libido
92. The involuntary blocking of unpleasant feeling and experiences from one's awareness is known as
- Displacement
 - Repression
 - Regression
 - Suppression
93. Agoraphobia is a fear of
- High places
 - Open places
 - Closed places
 - Animals
94. As per Freudian theory a child's unconscious sexual desire for the parent of opposite sex and wish to exclude the parent of the same sex is known as
- Oedipus complex
 - Libido complex
 - Phallic complex
 - Latency complex
95. The morbid fear of becoming obese with a persistent lack of appetite and severe weight loss is -----
- Anorexia nervosa
 - Bulimia nervosa
 - Binge eating disorder
 - Pica

96. Umbilical cord contain
- a) 2 artery + 2 veins
 - b) 2 artery +1 vein
 - c) 2 vein + 1 arteries
 - d) 1 artery +1 vein
97. What is the total weight gain occur during the course of sing pregnancy?
- a) 5-7kg
 - b) 7-9kg
 - c) 9-11kg
 - d) 11-13kg
98. WHO recommended minimum antenatal visit in the develop
- a) 3
 - b) 4
 - c) 5
 - d) 6
99. Let down reflex is also known as
- a) Milk secreting reflex
 - b) Milk ejection reflex
 - c) Rooting reflex
 - d) Suckling reflex
100. Polyhydramnios is a condition when the amniotic fluid volume exceeds more than ----- ml.
- a) 1000ml
 - b) 1500ml
 - c) 2000ml
 - d) 2500ml
101. The world health Assembly confirmed the global eradication of smallpox in the year
- a) 1958
 - b) 1978
 - c) 1980
 - d) 1985

102. Common cause of PPH is --

- a) Atonic uterus
- b) Traumatic
- c) Retained placenta
- d) Blood coagulopathy

103. The largest part of the brain(human) is

- a) Cerebrum
- b) Cerebellum
- c) Hypothalamus
- d) 3rd ventricle

104. The Corona virus is a

- a) Enveloped RNA virus
- b) Enveloped DNA virus
- c) Single stranded DNA virus
- d) Non-enveloped DNA virus

105. The national Health Policy 2017 aims to raise the public health care expenditure to

- a) 4.5% of GDP
- b) 3.5% of GDP
- c) 2.5% of GDP
- d) 1.5% of GDP

106. Koplik's spot is the key feature for

- a) Hepatitis
- b) Measles
- c) Pancreatitis
- d) Meningitis

107. Elbow joint is an example of

- a) Pivot joint
- b) Saddle joint
- c) Gliding joint
- d) Hinge joint

108. The pH of urine falls in the range

- a) 2.2 - 4.5
- b) 4.6 - 8.0
- c) 8.1 -12.5
- d) 12.6 -14.0

109. The incubation period of polio virus is

- a) 2 -7 days
- b) 7 -14 days
- c) 6 - 7 weeks
- d) 2 -12 weeks

110. According to biomedical waste management rules, 2016, the human anatomical waste should be put in

- a) Red bin
- b) Black bin
- c) Yellow bin
- d) Blue bin

111. Deficiency of Vitamin-B3 leads to

- a) Beriberi
- b) Rickets
- c) Scurvy
- d) Pellagra

112. Ringer's lactate solution is a/n

- a) Colloid solution
- b) Isotonic solution
- c) Hypertonic solution
- d) Hypotonic solution

113. Peak T wave in an ECG wave reflects

- a) Myocardial infraction
- b) Angina pectoris
- c) Hyperkalemia
- d) Hypokalemia

114. The only antibody that can significantly cross the human placenta is

- a) IgA
- b) IgD
- c) IgE
- d) IgG

115. The milestone of "neck holding" is achieved by a normal baby at the age of

- a) 3 months
- b) 5 months
- c) 4 months
- d) 6 months

116. "Mission Indradhanush" was launched in the year of

- a) 2005
- b) 2015
- c) 2004
- d) 2014

117. "Double bubble" sign in the x-ray is the characteristics of

- a) Pyloric stenosis
- b) Barium poisoning
- c) Duodenal atresia
- d) Fatty liver

118. Maternal blood serum is examined for alpha fetoprotein to detect
 - a) Inborn error of metabolism
 - b) Spina bifida
 - c) Rh-incompatibility
 - d) Haemophilia

119. The fourth Leopold maneuver is known as
 - a) Fundal grip
 - b) Lateral grip
 - c) Pelvic grip
 - d) Pawlik's grip

120. Renu is pregnant & attends ANC for her 2nd antenatal visit. Her history suggest of 2 previous abortions & one term delivery. The ANC expression for Renu is
 - a) G₁P₁
 - b) G₂P₁
 - c) G₃P₁
 - d) G₄P₁

121. The progressive thinning & shortening of cervix is called
 - a) Expulsion
 - b) Contraction
 - c) Dilation
 - d) Effacement

122. All of the following are features of Parkinsonism except
 - a) Rest tremors
 - b) Preserved postural reflexes
 - c) Mask line face
 - d) Rigidity

123. Inflammation of fallopian tube is called
 - a) Endometriosis
 - b) Vaginitis
 - c) Salpingitis
 - d) Encephalitis

124. The brim of Gynecoid pelvis is
 - a) Round shaped
 - b) Flat shaped
 - c) Heart shaped
 - d) Q-shaped

125. The total number of chromosomes in human is
 - a) 48
 - b) 46
 - c) 44
 - d) 50

126. The gestational age for "Quickening" is
 - a) 8-10 week
 - b) 12-16 week
 - c) 16-20 week
 - d) 20-24 week

127. The total lung capacity of a normal newborn is
 - a) 100 ml
 - b) 150 ml
 - c) 300 ml
 - d) 350 ml

128. The route of administration for BCG vaccine is
 - a) Oral
 - b) Intradermal
 - c) Subcutaneous
 - d) Intramuscular

129. The drug that should be withheld if the pulse falls below 60/min is
 - a) Digoxin
 - b) Dobutamine
 - c) Dopamine
 - d) Phenytoin sodium

130. Small painful nodes on fingers & toes called Osler's nodes are seen in
 - a) Cardiomyopathy
 - b) Infective endocarditis
 - c) Pericarditis
 - d) Myocarditis

131. The Kübler-Ross theory of grief states the 2nd stage of behavior in grief as
 - a) Denial
 - b) Bargaining
 - c) Anger
 - d) Depression

132. Hypothermia in a neonate is characterized by all except
 - a) Respiratory diseases
 - b) Central cyanosis
 - c) Cool extremities
 - d) Lethargy

133. The example of a dichotomous variable is
 - a) Age; <60 yrs , >60 yrs
 - b) Gender
 - c) Education
 - d) Occupation

134. One of the methods used in quantitative research is
 - a) Grounded theory
 - b) RCT
 - c) Ethnography
 - d) Phenomenology

135. Smallpox was eradicated from the world in the year
- a) 1980
 - b) 1981
 - c) 1982
 - d) 1983
136. The most occurring data value in a group of data is
- a) Mean
 - b) Mode
 - c) Median
 - d) Standard deviation
137. The IPV should be stored for maintenance of cold chain in a temperature of
- a) 2° to 8°C
 - b) -2° to -8°C
 - c) 0 to 4°C
 - d) Below 0°C
138. Mass drug administration is related to the disease
- a) Malaria
 - b) Filaria
 - c) Polio
 - d) Chickenpox
139. The zoonotic disease among the following is
- a) Filaria
 - b) Malaria
 - c) Rabies
 - d) AIDS
140. Zinc phosphide is an efficient
- a) Insecticide
 - b) Disinfectant
 - c) Bactericide
 - d) Rodenticide

141. The viral infections transmitted by tick is
- a) Japanese encephalitis
 - b) Kyasanur forest disease
 - c) Dengue fever
 - d) Yellow fever
142. A person who could not get admission to MBBS chooses BDS. This is an example of defense mechanism
- a) Denial
 - b) Suppression
 - c) Retro-flexion
 - d) Substitution
143. Tocolytic agents are used to
- a) Enhance preterm labor
 - b) Suppress preterm labor
 - c) Enhance normal labor
 - d) Enhance post-term labor
144. Partograph was first devised by
- a) Friedman
 - b) William show
 - c) A. L. Mudaliar
 - d) Shirodkar
145. Circumcision is used for treatment of
- a) Cleft lip
 - b) Cleft palate
 - c) Epispadia
 - d) Phimosis
146. Low-set ears & wide-set eyes is a feature suggestive of
- a) Jacobson syndrome
 - b) Measles
 - c) Kwashiorkor
 - d) Congenital heart disease

147. The normal weight of placenta at term is

- a) $1/4^{\text{th}}$ of baby weight
- b) $1/6^{\text{th}}$ of baby weight
- c) 500gm
- d) 900gm

148. The uterine artery is a branch of

- a) Abdominal aorta
- b) Femoral artery
- c) External iliac artery
- d) Internal iliac artery

149. After ovulation, the corpus luteum formed in the ovary releases

- a) Testosterone
- b) Aldosterone
- c) Progesterone
- d) Prolactin

150. The blood vessels in the umbilical cord consists of

- a) 2 veins & 1 artery
- b) 1 vein & 1 artery
- c) 1 vein & 2 arteries
- d) 2 veins & 2 arteries
