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**DEPARTMENT OF MEDICAL EDUCATION  
AND RESEARCH**

**(GMCH-32), CHANDIGARH ADMINISTRATION**

**POST: NURSING OFFICER**

**QUESTION BOOKLET AND ANSWER KEY**

**SERIES (A, B, C, D)**

**FOR RECRUITMENT TEST HELD ON 29-06-2025**

## QUESTION BOOKLET (Series A)

### PART- I

- Under Ayushman Bharat, Health and Wellness Centres (HWCs) aim to deliver which level of care?  
A) Specialized secondary care  
B) Community-based rehabilitation  
C) Comprehensive primary health care  
D) Emergency trauma care
- A 4-year-old child with a history of cyanotic heart disease is scheduled for a minor surgical procedure. Pre-operative vitals are stable, but the child suddenly becomes unresponsive and cyanotic while waiting. What is the most likely cause of this sudden deterioration?  
A) Febrile seizure  
B) Tet spell (hypercyanotic spell)  
C) Hypoglycemia  
D) Pulmonary embolism
- Which is the correct sequence of steps in the Community Health Nursing Process?  
A) Assessment → Implementation → Planning → Evaluation  
B) Planning → Diagnosis → Implementation → Assessment  
C) Assessment → Diagnosis → Planning → Implementation → Evaluation  
D) Diagnosis → Planning → Implementation → Evaluation → Assessment
- Which of the following is a correct pairing of indicator and purpose?  
A) Crude Birth Rate – Measures total deaths  
B) Infant Mortality Rate – Indicator of socio-economic development  
C) Maternal Mortality Rate – Measures immunization coverage  
D) Total Fertility Rate – Measures disease prevalence
- When recording blood pressure using Sphygmomanometer, the sounds which can be heard with a stethoscope placed over the artery is termed as:  
A) Wheeze  
B) Murmurs  
C) Crackle sounds  
D) Korotkoff sounds
- Which epidemiological measure best reflects the burden of chronic illness in a community?  
A) Crude death rate  
B) Incidence rate  
C) Prevalence rate  
D) Case fatality rate
- A nurse manager is evaluating cost-effectiveness of a tuberculosis (TB) control program. Which economic evaluation method is most appropriate?  
A) Cost-Benefit Analysis (CBA)  
B) Cost-Minimization Analysis (CMA)  
C) Cost-Utility Analysis (CUA)  
D) Cost-Effectiveness Analysis (CEA)
- Which of the following ECG findings is most characteristic of hyperkalemia?  
A) U waves and flattened T waves  
B) Tall, peaked T waves and widened QRS complex  
C) ST elevation and Q waves  
D) Sinus tachycardia with premature atrial complexes
- During the first 24 hours after a major burn injury, which of the following should the nurse anticipate?  
A) Hyperkalemia and metabolic alkalosis  
B) Hypokalemia and metabolic acidosis  
C) Hyperkalemia and metabolic acidosis  
D) Hypocalcemia and respiratory alkalosis
- Which finding indicates cardiac tamponade in a patient post open-heart surgery?  
A) Narrow pulse pressure and muffled heart sounds  
B) Hypertension and bounding pulses  
C) Bradycardia with high CVP  
D) Loud S1 and increased cardiac output
- A client with COPD is receiving oxygen at 4 L/min via nasal cannula. Patient becomes increasingly drowsy. What is the likely cause?  
A) Oxygen-induced hypercapnia  
B) CO<sub>2</sub> narcosis from acidosis  
C) Respiratory alkalosis from hyperventilation  
D) Cerebral hypoxia
- The theme for International Nurses Day 2025 was;  
A) Our Nurses. Our Future. Caring Nurses Strengthens economies  
B) Nursing Power to Change the World!  
C) Our Nurses. Our Future  
D) Nurses; A voice to lead - Invest in Nursing and Respect Rights to secure global health
- In a patient with Diabetic Ketoacidosis, which laboratory value requires the most immediate intervention?  
A) Blood glucose of 490 mg/dL  
B) Serum potassium of 2.8 mEq/L  
C) Serum bicarbonate of 12 mEq/L  
D) Arterial pH of 7.25

14. A patient presents with third-degree heart block on ECG. Which drug is contraindicated?  
A) Epinephrine      B) Isoproterenol      C) Atropine      D) Digoxin
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A) Paired t-test      B) ANOVA      C) Chi-square test      D) Pearson correlation
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 A) Hyperphosphatemia    B) Hypocalcemia    C) Hyperkalemia    D) Hyponatremia
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 A) Rigor, cooling, marbling, mummification    B) Marbling, Cooling, rigor, mummification  
 C) Cooling, marbling, rigor, mummification    D) Cooling, rigor, marbling, mummification
32. Calculate the drop per minute if a nurse wants to administer intravenous (IV) fluid at a rate of 60ml/hour using a micro drip set  
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 C) Chemical indicators are more reliable than biological ones  
 D) It indicates only packaging failure
36. Which of the following hand hygiene moments is most frequently missed in clinical settings, according to WHO compliance studies?  
 A) Before touching a patient                      B) After body fluid exposure risk  
 C) After touching patient surroundings                      D) After touching a patient
37. A nurse caring for an immunocompromised patient with neutropenia must:  
 A) Use only droplet precautions  
 B) Avoid fresh fruits and flowers in the patient's room  
 C) Restrict all visitors regardless of symptoms  
 D) Apply airborne precautions for all procedures
38. Which of the following combinations best meets the WHO criteria for a safe sharps container in a high-risk infectious disease ward?  
 A) Transparent, puncture-resistant, foot-operated  
 B) Rigid, colorless, autoclavable  
 C) Leak-proof, puncture-resistant, labeled with biohazard symbol  
 D) Plastic, sealed with lid, located near pharmacy

39. What is the rationale for pre-treating microbiology laboratory waste before incineration or landfill disposal?  
 A) Prevent transmission of drug-resistant pathogens                      B) Reduce plastic burden  
 C) Enhance combustion efficiency                      D) Reduce color contamination in landfill soil
40. The primary hormone responsible for maintaining the pregnancy in the early stages is \_\_\_\_\_.  
 A) Estrogen                      B) HCG                      C) Progesterone                      D) Oxytocin
41. In behavioral therapy, which of the following is an example of negative reinforcement?  
 A) A patient receives praise for taking medication  
 B) A nurse ignores a patient's shouting to extinguish behavior  
 C) A patient's pain subsides after following an exercise regime  
 D) A patient is reprimanded for refusing physiotherapy
42. The Glasgow Coma Scale assesses all the following parameters except?  
 A) Motor response                      B) Verbal response                      C) Eye opening                      D) Memory
43. Which micronutrient deficiency is most commonly seen in patients on long-term proton pump inhibitor (PPI) therapy?  
 A) Iron                      B) Zinc                      C) Magnesium                      D) Vitamin C
44. A renal patient on hemodialysis is prescribed a high-biological-value (HBV) protein diet. Which food would best meet this requirement?  
 A) Lentils                      B) Tofu                      C) Almonds                      D) Egg whites
45. Which laboratory finding is most consistent with inhalation injury?  
 A) Decreased PaCO<sub>2</sub> with respiratory alkalosis                      B) Elevated carboxyhemoglobin levels  
 C) Elevated serum amylase                      D) Low hematocrit
46. During acute management, which electrolyte imbalance is most expected in the first 24 hours post-burn?  
 A) Hyperkalemia                      B) Hypernatremia                      C) Hypokalemia                      D) Hypercalcemia
47. A psychiatric nurse observes a patient sitting still, staring at the wall, and resisting all attempts at interaction. What is the most appropriate nursing diagnosis?  
 A) Risk for Violence                      B) Disturbed Sensory Perception  
 C) Social Isolation                      D) Catatonia related to Schizophrenia
48. In the milieu therapy setting, which principle most effectively fosters autonomy in hospitalized psychiatric patients?  
 A) Minimizing patient choices to reduce stress  
 B) Encouraging patient participation in decision-making  
 C) Enforcing rigid ward routines to maintain safety  
 D) Limiting peer interaction to reduce triggers
49. A patient on lithium therapy presents with diarrhea, muscle weakness, and coarse tremors. What should the nurse suspect?  
 A) Lithium non-compliance                      B) Lithium toxicity  
 C) Dehydration                      D) Serotonin syndrome
50. According to the Indian Public Health Standards (IPHS), what is the population norm for a PHC in hilly/tribal areas?  
 A) 10,000                      B) 20,000                      C) 30,000                      D) 50,000
51. During evaluation of student nurses' clinical performance, which of the following best ensures objectivity?  
 A) Anecdotal records by clinical instructors  
 B) Use of standardized checklists and rating scales  
 C) Peer assessment and feedback  
 D) Faculty group discussion post-clinical posting

52. While teaching pharmacology to intern nurses at bedside, the nurse educator asks them to explain the rationale for the drug regimen of a cardiac patient. Which teaching principle is being applied?  
 A) Repetition    B) Motivation    C) Correlation with clinical experience    D) Evaluation
53. A nurse educator observes that students lack confidence during patient interaction. Which approach best addresses this issue?  
 A) Increasing classroom lectures on communication skills  
 B) Assigning individual assignments on patient rights  
 C) Organizing structured role-playing of patient scenarios  
 D) Providing detailed manuals on nurse-patient communication
54. Which leadership style is most appropriate in a high-acuity critical care unit during a code blue emergency?  
 A) Transformational    B) Democratic    C) Autocratic    D) Laissez-faire
55. A nursing superintendent decides to decentralize decision-making. Which benefit is most likely to result from this strategy?  
 A) Faster decision-making at the point of care  
 B) Reduced communication between departments  
 C) Increased control at the executive level  
 D) Homogenization of staff policies
56. Which intervention is the priority for a patient with a GCS score of 7?  
 A) Insert a nasogastric tube    B) Administer IV fluids  
 C) Prepare for intubation    D) Provide family counseling
57. Herd immunity protects the population by:  
 A) Treating infected individuals    B) Vaccinating children only  
 C) Reducing the number of susceptible hosts    D) Isolating infected persons
58. Which management theory focuses on workers' motivation through self-direction & autonomy?  
 A) Scientific Management Theory    B) Theory X    C) Bureaucratic Theory    D) Theory Y
59. A community assessment reveals high infant mortality despite high antenatal coverage. What should the nurse evaluate next?  
 A) Nutritional practices of mothers    B) Sanitation facilities  
 C) Quality of intranatal and postnatal services    D) Immunization records
60. A nurse is caring for a patient on warfarin therapy with an INR (International Normalized Ratio) of 5.6. Which medication should be administered?  
 A) Vitamin K    B) Protamine sulfate    C) Fresh frozen plasma    D) Heparin
61. Which statement accurately describes the mechanism of Rh isoimmunization?  
 A) Rh-negative mother produces IgM antibodies that cross the placenta  
 B) Rh-positive fetus destroys maternal red blood cells  
 C) Rh-positive mother develops antibodies against Rh-negative fetal cells  
 D) Rh-negative mother develops IgG antibodies after exposure to Rh-positive fetal cells
62. A patient with preeclampsia is on magnesium sulfate. Which sign indicates magnesium toxicity?  
 A) Positive ankle clonus    B) Respiratory rate of 10/min  
 C) Blood pressure of 160/110 mmHg    D) Hyperreflexia
63. A patient with septic shock is being treated with norepinephrine. Which is the primary goal of this therapy?  
 A) Increase systemic vascular resistance and MAP    B) Reduce heart rate  
 C) Decrease myocardial oxygen demand    D) Improve urine output directly
64. Which hemodynamic parameter is most indicative of left ventricular preload?  
 A) Central venous pressure (CVP)    B) Mean arterial pressure (MAP)  
 C) Pulmonary capillary wedge pressure (PCWP)    D) Systemic vascular resistance (SVR)



78. The nurse is involved in managing a patient with cardiac arrest. Which of the following must be considered as a shockable rhythm while providing Advanced Cardiac Life Support (ACLS)?
- A) Ventricular tachycardia  
B) Atrial tachycardia  
C) Atrial fibrillation  
D) Ventricular fibrillation
79. The proper steps for operating AED?
- A) Switch on AED, analyze the rhythm, apply pad, deliver shock  
B) Switch on AED, apply pads, clear the victim, deliver shock  
C) Apply pads, switch on AED, deliver shock, analyze rhythm  
D) Apply pads, switch on AED, clear the victim, deliver shock
80. How many compressions and breaths should you do for each cycle of CPR?
- A) 15 compressions, 2 breaths  
B) 30 compressions, 5 breaths  
C) 30 compressions, 2 breaths  
D) 15 compressions, 5 breaths
81. The nurse who is a team member of neonatal resuscitation is rightly resuscitating the newborn when she provides a compression ventilation ratio of \_\_\_\_.
- A) 3:1  
B) 5:1  
C) 15:1  
D) 30:2
82. A child admitted after ventriculo-peritoneal shunt is receiving 60ml/hour normal saline via a micro-drip set. How much drop rate is required to meet the fluid requirement of the child?
- A) 40 drops/minute  
B) 60 drops/minute  
C) 80 drops/minute  
D) 10 drops/minute
83. After delivery, a newborn infant is immediately assessed with a routine procedure as part of their care. Which of the following scale is used for this immediate newborn assessment?
- A) Infant Functionality Scale  
B) Apgar scoring system  
C) Neonatal Development Scale  
D) Dubowitz-Ballard Scale
84. A 3 months old child is noticed to have chest indrawing and difficulty in breast feeding. How would you classify the child using integrated management of childhood illness (IMCI)?
- A) Bronchopneumonia  
B) Pneumonia  
C) Mild pneumonia  
D) Severe pneumonia
85. The nurse is providing care to a patient with bipolar disorder. Which of the following lithium levels of the patient she understands as within the therapeutic range?
- A) 0.4 mmol/L  
B) 1.1 mmol/L  
C) 1.8 mmol/L  
D) 2.6 mmol/L
86. The nurse is collecting history from the husband of Mrs. X brought to psychiatry OPD. Which of the following symptom reported by her husband leads the nurse towards the diagnosis of schizophrenia?
- A) Hallucinations  
B) Excessive worry  
C) Delirium  
D) Grandiosity
87. A community health nurse is assessing the neighborhood near the health agency. He drove around observing the condition of the buildings, facilities, and the people in the community. Which of the following best describes the action done by the nurse?
- A) A phenomenological survey  
B) A neighborhood observation  
C) An ethnographic study  
D) A windshield survey
88. A patient (weight: 60 kg) admitted to critical care unit is to be administered with Inj. methyl prednisolone 5.4mg/kg/hour. The nurse dilutes 2 g methyl prednisolone in 50 ml of normal saline. Calculate the rate of infusion.
- A) 8.1ml/hour  
B) 7.5ml/hour  
C) 9.4ml/hour  
D) 9ml/hour Ob
89. Mrs. X is in active labor and is hyperventilating with a respiratory rate of 28. You are expecting that she will develop respiratory alkalosis. Which of the following presenting manifestations you would notice the patient to have?
- A) Productive and persistent coughing  
B) Dizziness  
C) Cyanosis  
D) Pallor
90. Mrs. Y is a 24-year-old primigravida at 39 weeks gestation who presents to the labor and delivery room in active labor. On admission, the obstetrician notes that she has been pushing for 3 hours with no descent of the fetal head. What is the most likely cause of Mrs. Y's obstructed labor?
- A) Fetal malpresentation  
B) Maternal exhaustion  
C) Pelvic contracture  
D) Fetal macrosomia

91. A woman who has been in labor for 36 hours is found to have a ruptured uterus. What is the most appropriate treatment in this scenario?  
 A) Emergency cesarean section                      B) Vaginal delivery  
 C) Administration of antibiotics                      D) Induction of labor
92. Breast milk can be stored at room temperature safely for \_\_\_\_\_ hours.  
 A) 2 hours                      B) 4 hours                      C) 6 hours                      D) 8 hours
93. The nurse identifies that the condition in which arterial blood gas analysis showing PH of 7 and plasma bicarbonate value of 19 mmol/L is \_\_\_\_\_ .  
 A) Respiratory acidosis                      B) Respiratory alkalosis  
 C) Metabolic acidosis                      D) Metabolic alkalosis
94. Mr. X is admitted with traumatic brain injury in critical care unit. On assessment, he opens eyes to pain, produces incomprehensible sound and localizes upper extremities to pain. What is his score on Glasgow Coma Scale?  
 A) E3V3M6                      B) E3V2M4                      C) E2V2M5                      D) E2V3M5
95. Which among the following is an inappropriate management for Mr.Y with serum potassium 6.2 mEq/L?  
 A) Administration of spironolactone                      B) Calcium gluconate infusion  
 C) 5% dextrose with insulin                      D) Infusion of sodium bicarbonate
96. Which of the following maneuver you will use for a patient who is brought to emergency after a fall from ladder while doing electrical work on a street light?  
 A) Jaw thrust maneuver                      B) Neck extension  
 C) Head tilt-chin lift                      D) Modified head tilt-chin lift
97. The burned area on the right arm of a patient received in emergency room appears red, has blisters, and is very painful. The nurse correctly identifies it as  
 A) Superficial burn                      B) Partial thickness burn                      C) Deep burn                      D) Full thickness burn
98. Which of the following advice given by nurse to a postoperative patient of extracapsular cataract extraction and lens implantation is inappropriate?  
 A) Use the eye patch for 24 hours  
 B) Use aspirin for pain  
 C) Minimize activity for 24 hours  
 D) Wear sunglasses
99. Identify the type of fracture seen in the given X ray;  
 A) Transverse fracture  
 B) Green stick fracture  
 C) Comminuted fracture  
 D) Spiral fracture



100. Nurse is giving care to a teenage girl with Mullerian agenesis on first postoperative day of vaginoplasty. Which of the following instruction by the physician should alert the nurse?  
 A) Early ambulation                      B) Removal of Foley's catheter  
 C) Early resumption of feeding                      D) Respiratory exercises

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### Answer Key (A-Series)

Q.No.	Ans	Q.No.	Ans	Q.No.	Ans	Q.No.	Ans
1	C	26	C	51	B	76	D
2	B	27	C	52	C	77	A
3	C	28	B	53	C	78	D
4	B	29	C	54	C	79	B
5	D	30	C	55	A	80	C
6	C	31	D	56	C	81	A
7	D	32	D	57	C	82	B
8	B	33	B	58	D	83	B
9	C	34	A	59	C	84	D
10	A	35	B	60	A	85	B
11	A	36	C	61	D	86	A
12	A	37	B	62	B	87	D
13	B	38	C	63	A	88	A
14	D	39	A	64	C	89	B
15	B	40	C	65	B	90	C
16	C	41	C	66	B	91	A
17	C	42	D	67	B	92	B
18	C	43	C	68	C	93	C
19	B	44	D	69	C	94	C
20	A	45	B	70	D	95	A
21	C	46	A	71	D	96	A
22	B	47	D	72	C	97	A
23	D	48	B	73	C	98	B
24	B	49	B	74	B	99	C
25	C	50	A	75	D	100	B

## QUESTION BOOKLET (Series B)

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 A) Central venous pressure (CVP)    B) Mean arterial pressure (MAP)  
 C) Pulmonary capillary wedge pressure (PCWP)    D) Systemic vascular resistance (SVR)



65. Which of the following ECG findings is most characteristic of hyperkalemia?  
 A) U waves and flattened T waves    B) Tall, peaked T waves and widened QRS complex  
 C) ST elevation and Q waves    D) Sinus tachycardia with premature atrial complexes
66. During the first 24 hours after a major burn injury, which of the following should the nurse anticipate?  
 A) Hyperkalemia and metabolic alkalosis    B) Hypokalemia and metabolic acidosis  
 C) Hyperkalemia and metabolic acidosis    D) Hypocalcemia and respiratory alkalosis
67. Which finding indicates cardiac tamponade in a patient post open-heart surgery?  
 A) Narrow pulse pressure and muffled heart sounds    B) Hypertension and bounding pulses  
 C) Bradycardia with high CVP    D) Loud S1 and increased cardiac output
68. A client with COPD is receiving oxygen at 4 L/min via nasal cannula. Patient becomes increasingly drowsy. What is the likely cause?  
 A) Oxygen-induced hypercapnia    B) CO<sub>2</sub> narcosis from acidosis  
 C) Respiratory alkalosis from hyperventilation    D) Cerebral hypoxia
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70. In a patient with Diabetic Ketoacidosis, which laboratory value requires the most immediate intervention?  
 A) Blood glucose of 490 mg/dL    B) Serum potassium of 2.8 mEq/L  
 C) Serum bicarbonate of 12 mEq/L    D) Arterial pH of 7.25

## Part – II

71. The nurse providing care to a patient of carcinoma bladder explains rightly that myositis is a side effect of \_\_\_\_\_ drugs.  
 A) Antineoplastic agents    B) Anxiolytics    C) Antidepressants    D) Narcotic analgesics
72. The nurse is involved in managing a patient with cardiac arrest. Which of the following must be considered as a shockable rhythm while providing Advanced Cardiac Life Support (ACLS)?  
 A) Ventricular tachycardia    B) Atrial tachycardia  
 C) Atrial fibrillation    D) Ventricular fibrillation
73. The proper steps for operating AED?  
 A) Switch on AED, analyze the rhythm, apply pad, deliver shock  
 B) Switch on AED, apply pads, clear the victim, deliver shock  
 C) Apply pads, switch on AED, deliver shock, analyze rhythm  
 D) Apply pads, switch on AED, clear the victim, deliver shock
74. How many compressions and breaths should you do for each cycle of CPR?  
 A) 15 compressions, 2 breaths    B) 30 compressions, 5 breaths  
 C) 30 compressions, 2 breaths    D) 15 compressions, 5 breaths
75. The nurse who is a team member of neonatal resuscitation is rightly resuscitating the newborn when she provides a compression ventilation ratio of \_\_\_\_\_.  
 A) 3:1    B) 5:1    C) 15:1    D) 30:2
76. A child admitted after ventriculo-peritoneal shunt is receiving 60ml/hour normal saline via a micro-drip set. How much drop rate is required to meet the fluid requirement of the child?  
 A) 40 drops/minute    B) 60 drops/minute    C) 80 drops/minute    D) 10 drops/minute
77. After delivery, a newborn infant is immediately assessed with a routine procedure as part of their care. Which of the following scale is used for this immediate newborn assessment?  
 A) Infant Functionality Scale    B) Apgar scoring system  
 C) Neonatal Development Scale    D) Dubowitz-Ballard Scale

78. A 3 months old child is noticed to have chest indrawing and difficulty in breast feeding. How would you classify the child using integrated management of childhood illness (IMCI)?  
 A) Bronchopneumonia B) Pneumonia C) Mild pneumonia D) Severe pneumonia
79. The nurse is providing care to a patient with bipolar disorder. Which of the following lithium levels of the patient she understands as within the therapeutic range?  
 A) 0.4 mmol/L B) 1.1 mmol/L C) 1.8 mmol/L D) 2.6 mmol/L
80. The nurse is collecting history from the husband of Mrs. X brought to psychiatry OPD. Which of the following symptom reported by her husband leads the nurse towards the diagnosis of schizophrenia?  
 A) Hallucinations B) Excessive worry C) Delirium D) Grandiosity
81. A community health nurse is assessing the neighborhood near the health agency. He drove around observing the condition of the buildings, facilities, and the people in the community. Which of the following best describes the action done by the nurse?  
 A) A phenomenological survey B) A neighborhood observation  
 C) An ethnographic study D) A windshield survey
82. A patient (weight: 60 kg) admitted to critical care unit is to be administered with Inj. methyl prednisolone 5.4mg/kg/hour. The nurse dilutes 2 g methyl prednisolone in 50 ml of normal saline. Calculate the rate of infusion.  
 A) 8.1ml/hour B) 7.5ml/hour C) 9.4ml/hour D) 9ml/hour Ob
83. Mrs. X is in active labor and is hyperventilating with a respiratory rate of 28. You are expecting that she will develop respiratory alkalosis. Which of the following presenting manifestations you would notice the patient to have?  
 A) Productive and persistent coughing B) Dizziness C) Cyanosis D) Pallor
84. Mrs. Y is a 24-year-old primigravida at 39 weeks gestation who presents to the labor and delivery room in active labor. On admission, the obstetrician notes that she has been pushing for 3 hours with no descent of the fetal head. What is the most likely cause of Mrs. Y's obstructed labor?  
 A) Fetal malpresentation B) Maternal exhaustion  
 C) Pelvic contracture D) Fetal macrosomia
85. A woman who has been in labor for 36 hours is found to have a ruptured uterus. What is the most appropriate treatment in this scenario?  
 A) Emergency cesarean section B) Vaginal delivery  
 C) Administration of antibiotics D) Induction of labor
86. Breast milk can be stored at room temperature safely for \_\_\_\_\_ hours.  
 A) 2 hours B) 4 hours C) 6 hours D) 8 hours
87. The nurse identifies that the condition in which arterial blood gas analysis showing PH of 7 and plasma bicarbonate value of 19 mmol/L is \_\_\_\_\_.  
 A) Respiratory acidosis B) Respiratory alkalosis  
 C) Metabolic acidosis D) Metabolic alkalosis
88. Mr. X is admitted with traumatic brain injury in critical care unit. On assessment, he opens eyes to pain, produces incomprehensible sound and localizes upper extremities to pain. What is his score on Glasgow Coma Scale?  
 A) E3V3M6 B) E3V2M4 C) E2V2M5 D) E2V3M5
89. Which among the following is an inappropriate management for Mr. Y with serum potassium 6.2 mEq/L?  
 A) Administration of spironolactone B) Calcium gluconate infusion  
 C) 5% dextrose with insulin D) Infusion of sodium bicarbonate
90. Which of the following maneuver you will use for a patient who is brought to emergency after a fall from ladder while doing electrical work on a street light?  
 A) Jaw thrust maneuver B) Neck extension  
 C) Head tilt-chin lift D) Modified head tilt-chin lift

91. The burned area on the right arm of a patient received in emergency room appears red, has blisters, and is very painful. The nurse correctly identifies it as  
 A) Superficial burn    B) Partial thickness burn    C) Deep burn    D) Full thickness burn
92. Which of the following advice given by nurse to a postoperative patient of extracapsular cataract extraction and lens implantation is inappropriate?  
 A) Use the eye patch for 24 hours    B) Use aspirin for pain  
 C) Minimize activity for 24 hours    D) Wear sunglasses
93. Identify the type of fracture seen in the given X ray;  
 A) Transverse fracture  
 B) Green stick fracture  
 C) Comminuted fracture  
 D) Spiral fracture
- 
94. Nurse is giving care to a teenage girl with Mullerian agenesis on first postoperative day of vaginoplasty. Which of the following instruction by the physician should alert the nurse?  
 A) Early ambulation    B) Removal of Foley's catheter  
 C) Early resumption of feeding    D) Respiratory exercises
95. A student got chemical burn while working in the lab. As a school nurse, which of the following intervention you will do to reduce the severity of the burn?  
 A) Immediately cover the area    B) Apply antidote solution  
 C) Remove skin from burned area    D) Flush the area with water
96. Which of the following intervention is considered right while providing first aid to a victim of snake bite?  
 A) Applying tourniquet above the bite wound    B) Attempting to suck out venom  
 C) Removing jewelry from the affected limb    D) Cut a bite wound
97. Mr X, 45 years is admitted with loss of balance while walking. A nurse performs the Romberg's sign to evaluate the function of \_\_\_\_\_.  
 A) Cerebellum    B) Acoustic nerve    C) Posterior spinal column    D) Facial nerve
98. Which of the following is a standardized scale that can be used by a nurse to best quantify the severity of post-operative pain in an adult patient?  
 A) Color analog scale    B) 11-point numerical rating scale  
 C) Descriptive rating scale    D) Faces pain scale
99. The nurse is providing care to Mr X who is admitted in a palliative care unit. The main strategy used in palliative care to manage pain is \_\_\_\_\_.  
 A) Acetaminophen    B) Diazepam    C) Gabapentin    D) Morphine
100. The nurse caring a patient with lung cancer in palliative care unit understands that the main goal of palliative care is to provide \_\_\_\_\_.  
 A) Aggressive treatment    B) Plan surgery  
 C) Advanced diagnostic testing    D) Comfort and pain relief

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### Answer Key (B-Series)

Q.No.	Ans	Q.No.	Ans	Q.No.	Ans	Q.No.	Ans
1	D	26	A	51	C	76	B
2	B	27	C	52	B	77	B
3	C	28	C	53	B	78	D
4	C	29	D	54	B	79	B
5	C	30	C	55	C	80	A
6	B	31	D	56	C	81	D
7	A	32	B	57	D	82	A
8	C	33	A	58	C	83	B
9	B	34	D	59	B	84	C
10	D	35	B	60	C	85	A
11	B	36	B	61	B	86	B
12	C	37	A	62	D	87	C
13	C	38	B	63	C	88	C
14	C	39	C	64	D	89	A
15	B	40	C	65	B	90	A
16	C	41	C	66	C	91	A
17	C	42	A	67	A	92	B
18	D	43	C	68	A	93	C
19	D	44	C	69	A	94	B
20	B	45	D	70	B	95	D
21	A	46	C	71	A	96	C
22	B	47	A	72	D	97	C
23	C	48	D	73	B	98	B
24	B	49	B	74	C	99	D
25	C	50	A	75	A	100	D

## QUESTION BOOKLET (Series C)

### PART- I

1. Calculate the drop per minute if a nurse wants to administer intravenous (IV) fluid at a rate of 60ml/hour using a micro drip set  
A) 15 drops/ minute    B) 20 drops/ minute    C) 30drops/ minute    D) 60 drops/ minute
2. While preparing a disinfection protocol for reusable surgical instruments, a nurse chooses glutaraldehyde. Which of the following instruments is most appropriately disinfected using high-level disinfection with glutaraldehyde?  
A) Vaginal speculum    B) Laryngoscope blade    C) Surgical scalpel    D) IV infusion set
3. A patient develops a catheter-associated urinary tract infection (CAUTI) despite adherence to aseptic insertion technique. Which of the following best explains this infection from an epidemiological standpoint?  
A) Endogenous transmission via ascending colonization  
B) Cross-transmission by health workers  
C) Contaminated catheter tip during insertion  
D) Improper urinary bag positioning
4. During the sterilization audit of an autoclave, it is found that biological indicators test positive but chemical indicators are normal. What is the most appropriate conclusion?  
A) The autoclave cycle was successful  
B) The sterilization process was incomplete  
C) Chemical indicators are more reliable than biological ones  
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 A) Bhore Committee – Introduced CHC concept  
 B) Kartar Singh Committee – Laid foundation of multipurpose worker scheme  
 C) Shrivastava Committee – Focused on medical education reform  
 D) Mudaliar Committee – Introduced primary health care
35. In a patient with increased intracranial pressure (ICP), which intervention should be avoided?  
 A) Head midline and elevated 30°  
 B) Frequent suctioning  
 C) Osmotic diuretics  
 D) Hypertonic saline
36. A nurse notes narrow pulse pressure, muffled heart sounds, and jugular vein distention in a trauma patient. What condition is suspected?  
 A) Tension pneumothorax  
 B) Cardiac tamponade  
 C) Myocardial infarction  
 D) Pulmonary embolism
37. During weaning from mechanical ventilation, which sign indicates that the patient is not tolerating the trial?  
 A) Respiratory rate of 18/min  
 B) SpO<sub>2</sub> of 96%  
 C) Use of accessory muscles & paradoxical abdominal movement  
 D) Tidal volume of 450 mL



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 C) Serum bicarbonate of 12 mEq/L  
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53. A patient presents with third-degree heart block on ECG. Which drug is contraindicated?  
 A) Epinephrine  
 B) Isoproterenol  
 C) Atropine  
 D) Digoxin
54. In Maslow's hierarchy of needs, which intervention demonstrates prioritization of physiological needs?  
 A) Teaching relaxation techniques to reduce anxiety.  
 B) Providing a heated blanket to a hypothermic patient.  
 C) Encouraging socialization in a long-term care setting.  
 D) Assisting with spiritual support at end-of-life care.
55. Which statement best reflects evidence-based practice (EBP) in nursing?  
 A) "We've always done it this way, so we continue."  
 B) "I read a textbook that recommends this method."  
 C) "I found a recent clinical trial supporting this technique."  
 D) "My supervisor prefers this procedure over others."
56. A nurse notes that a diabetic patient has not received insulin as prescribed due to a missed dose. Which ethical principle has been most violated?  
 A) Autonomy  
 B) Fidelity  
 C) Nonmaleficence  
 D) Veracity
57. While using the nursing process, a nurse formulates nursing diagnoses based on which of the following?  
 A) Physician's diagnosis  
 B) Patient's identified medical problem  
 C) Subjective and objective assessment data  
 D) Treatment plan from interdisciplinary team
58. The Heimlich manoeuvre (abdominal thrust) is used for a client who has:  
 A) A bloody nose  
 B) A blocked airway  
 C) Fall from bed  
 D) Impaired eyesight
59. Which of the following health programs in India focuses on population stabilization, gender equity, and reproductive rights?  
 A) National Population Policy  
 B) National Tuberculosis Elimination Programme  
 C) National Rural Health Mission  
 D) Integrated Child Development Scheme
60. A patient is receiving an antibiotic. She suddenly complains of trouble breathing, weakness and nausea. The nurse should recognize that these signs are usually indicative of impending:  
 A) Pulmonary embolism  
 B) Heart attack  
 C) Anaphylaxis  
 D) Bronchospasm
61. Which neurotransmitter imbalance is most strongly associated with the positive symptoms of schizophrenia?  
 A) Decreased serotonin  
 B) Increased dopamine activity in the mesolimbic pathway  
 C) Decreased GABA  
 D) Increased norepinephrine in the frontal cortex
62. The nurse administering medication to a patient realizes that she has administered a wrong dose of medication to the patient. But she informed the physician regarding the error immediately. The nurse demonstrates:  
 A) Responsibility  
 B) Authority  
 C) Decision making  
 D) Accountability
63. Which of the following is the most appropriate statistical test to compare the mean pain scores between three groups receiving different analgesic protocols?  
 A) Paired t-test  
 B) ANOVA  
 C) Chi-square test  
 D) Pearson correlation



77. Mrs. Y is a 24-year-old primigravida at 39 weeks gestation who presents to the labor and delivery room in active labor. On admission, the obstetrician notes that she has been pushing for 3 hours with no descent of the fetal head. What is the most likely cause of Mrs. Y's obstructed labor?  
 A) Fetal malpresentation  
 B) Maternal exhaustion  
 C) Pelvic contracture  
 D) Fetal macrosomia
78. A woman who has been in labor for 36 hours is found to have a ruptured uterus. What is the most appropriate treatment in this scenario?  
 A) Emergency cesarean section  
 B) Vaginal delivery  
 C) Administration of antibiotics  
 D) Induction of labor
79. Breast milk can be stored at room temperature safely for \_\_\_\_\_ hours.  
 A) 2 hours  
 B) 4 hours  
 C) 6 hours  
 D) 8 hours
80. The nurse identifies that the condition in which arterial blood gas analysis showing PH of 7 and plasma bicarbonate value of 19 mmol/L is \_\_\_\_\_.  
 A) Respiratory acidosis  
 B) Respiratory alkalosis  
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81. Mr. X is admitted with traumatic brain injury in critical care unit. On assessment, he opens eyes to pain, produces incomprehensible sound and localizes upper extremities to pain. What is his score on Glasgow Coma Scale?  
 A) E3V3M6  
 B) E3V2M4  
 C) E2V2M5  
 D) E2V3M5
82. Which among the following is an inappropriate management for Mr. Y with serum potassium 6.2 mEq/L?  
 A) Administration of spironolactone  
 B) Calcium gluconate infusion  
 C) 5% dextrose with insulin  
 D) Infusion of sodium bicarbonate
83. Which of the following maneuver you will use for a patient who is brought to emergency after a fall from ladder while doing electrical work on a street light?  
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 B) Use aspirin for pain  
 C) Minimize activity for 24 hours  
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86. Identify the type of fracture seen in the given X ray;  
 A) Transverse fracture  
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87. Nurse is giving care to a teenage girl with Mullerian agenesis on first postoperative day of vaginoplasty. Which of the following instruction by the physician should alert the nurse?  
 A) Early ambulation  
 B) Removal of Foley's catheter  
 C) Early resumption of feeding  
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 A) Acetaminophen      B) Diazepam      C) Gabapentin      D) Morphine
93. The nurse caring a patient with lung cancer in palliative care unit understands that the main goal of palliative care is to provide \_\_\_\_\_.  
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 C) Advanced diagnostic testing      D) Comfort and pain relief
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95. The nurse is involved in managing a patient with cardiac arrest. Which of the following must be considered as a shockable rhythm while providing Advanced Cardiac Life Support (ACLS)?  
 A) Ventricular tachycardia      B) Atrial tachycardia  
 C) Atrial fibrillation      D) Ventricular fibrillation
96. The proper steps for operating AED?  
 A) Switch on AED, analyze the rhythm, apply pad, deliver shock  
 B) Switch on AED, apply pads, clear the victim, deliver shock  
 C) Apply pads, switch on AED, deliver shock, analyze rhythm  
 D) Apply pads, switch on AED, clear the victim, deliver shock
97. How many compressions and breaths should you do for each cycle of CPR?  
 A) 15 compressions, 2 breaths      B) 30 compressions, 5 breaths  
 C) 30 compressions, 2 breaths      D) 15 compressions, 5 breaths
98. The nurse who is a team member of neonatal resuscitation is rightly resuscitating the newborn when she provides a compression ventilation ratio of \_\_\_\_\_.  
 A) 3:1      B) 5:1      C) 15:1      D) 30:2
99. A child admitted after ventriculo-peritoneal shunt is receiving 60ml/hour normal saline via a micro-drip set. How much drop rate is required to meet the fluid requirement of the child?  
 A) 40 drops/minute      B) 60 drops/minute      C) 80 drops/minute      D) 10 drops/minute
100. After delivery, a newborn infant is immediately assessed with a routine procedure as part of their care. Which of the following scale is used for this immediate newborn assessment?  
 A) Infant Functionality Scale      B) Apgar scoring system  
 C) Neonatal Development Scale      D) Dubowitz-Ballard Scale

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### Answer Key (C-Series)

Q.No.	Ans	Q.No.	Ans	Q.No.	Ans	Q.No.	Ans
1	D	26	C	51	A	76	B
2	B	27	D	52	B	77	C
3	A	28	C	53	D	78	A
4	B	29	A	54	B	79	B
5	C	30	D	55	C	80	C
6	B	31	B	56	C	81	C
7	C	32	A	57	C	82	A
8	A	33	C	58	B	83	A
9	C	34	B	59	A	84	A
10	C	35	B	60	C	85	B
11	D	36	B	61	B	86	C
12	C	37	C	62	D	87	B
13	D	38	C	63	B	88	D
14	B	39	D	64	C	89	C
15	A	40	C	65	C	90	C
16	D	41	B	66	C	91	B
17	B	42	C	67	B	92	D
18	B	43	B	68	C	93	D
19	A	44	D	69	C	94	A
20	B	45	C	70	D	95	D
21	C	46	D	71	D	96	B
22	C	47	B	72	B	97	C
23	C	48	C	73	A	98	A
24	A	49	A	74	D	99	B
25	C	50	A	75	A	100	B

**QUESTION BOOKLET (Series D)**

**PART- I**

1. Herd immunity protects the population by:  
A) Treating infected individuals  
B) Vaccinating children only  
C) Reducing the number of susceptible hosts  
D) Isolating infected persons
2. Which management theory focuses on workers' motivation through self-direction & autonomy?  
A) Scientific Management Theory  
B) Theory X  
C) Bureaucratic Theory  
D) Theory Y
3. A community assessment reveals high infant mortality despite high antenatal coverage. What should the nurse evaluate next?  
A) Nutritional practices of mothers  
B) Sanitation facilities  
C) Quality of intranatal and postnatal services  
D) Immunization records
4. A nurse is caring for a patient on warfarin therapy with an INR (International Normalized Ratio) of 5.6. Which medication should be administered?  
A) Vitamin K  
B) Protamine sulfate  
C) Fresh frozen plasma  
D) Heparin
5. Which statement accurately describes the mechanism of Rh isoimmunization?  
A) Rh-negative mother produces IgM antibodies that cross the placenta  
B) Rh-positive fetus destroys maternal red blood cells  
C) Rh-positive mother develops antibodies against Rh-negative fetal cells  
D) Rh-negative mother develops IgG antibodies after exposure to Rh-positive fetal cells
6. A patient with preeclampsia is on magnesium sulfate. Which sign indicates magnesium toxicity?  
A) Positive ankle clonus  
B) Respiratory rate of 10/min  
C) Blood pressure of 160/110 mmHg  
D) Hyperreflexia
7. A patient with septic shock is being treated with norepinephrine. Which is the primary goal of this therapy?  
A) Increase systemic vascular resistance and MAP  
B) Reduce heart rate  
C) Decrease myocardial oxygen demand  
D) Improve urine output directly
8. Which hemodynamic parameter is most indicative of left ventricular preload?  
A) Central venous pressure (CVP)  
B) Mean arterial pressure (MAP)  
C) Pulmonary capillary wedge pressure (PCWP)  
D) Systemic vascular resistance (SVR)
9. Which is the correct match regarding Indian health committees and their contributions?  
A) Bhore Committee – Introduced CHC concept  
B) Kartar Singh Committee – Laid foundation of multipurpose worker scheme  
C) Shrivastava Committee – Focused on medical education reform  
D) Mudaliar Committee – Introduced primary health care
10. In a patient with increased intracranial pressure (ICP), which intervention should be avoided?  
A) Head midline and elevated 30°  
B) Frequent suctioning  
C) Osmotic diuretics  
D) Hypertonic saline
11. A nurse notes narrow pulse pressure, muffled heart sounds, and jugular vein distention in a trauma patient. What condition is suspected?  
A) Tension pneumothorax  
B) Cardiac tamponade  
C) Myocardial infarction  
D) Pulmonary embolism
12. During weaning from mechanical ventilation, which sign indicates that the patient is not tolerating the trial?  
A) Respiratory rate of 18/min  
B) SpO<sub>2</sub> of 96%  
C) Use of accessory muscles & paradoxical abdominal movement  
D) Tidal volume of 450 mL
13. What is the most critical nursing assessment after administering IV thrombolytics for myocardial infarction?  
A) Assess respiratory effort  
B) Monitor for chest pain  
C) Check for signs of bleeding  
D) Monitor ECG for ST elevation

14. Which of the following indicators is not used to measure the effectiveness of the Janani Suraksha Yojana (JSY)?
  - A) Institutional delivery rate
  - B) Maternal mortality ratio
  - C) Neonatal mortality rate
  - D) Total fertility rate
15. Under Ayushman Bharat, Health and Wellness Centres (HWCs) aim to deliver which level of care?
  - A) Specialized secondary care
  - B) Community-based rehabilitation
  - C) Comprehensive primary health care
  - D) Emergency trauma care
16. A 4-year-old child with a history of cyanotic heart disease is scheduled for a minor surgical procedure. Pre-operative vitals are stable, but the child suddenly becomes unresponsive and cyanotic while waiting. What is the most likely cause of this sudden deterioration?
  - A) Febrile seizure
  - B) Tet spell (hypercyanotic spell)
  - C) Hypoglycemia
  - D) Pulmonary embolism
17. Which is the correct sequence of steps in the Community Health Nursing Process?
  - A) Assessment → Implementation → Planning → Evaluation
  - B) Planning → Diagnosis → Implementation → Assessment
  - C) Assessment → Diagnosis → Planning → Implementation → Evaluation
  - D) Diagnosis → Planning → Implementation → Evaluation → Assessment
18. Which of the following is a correct pairing of indicator and purpose?
  - A) Crude Birth Rate – Measures total deaths
  - B) Infant Mortality Rate – Indicator of socio-economic development
  - C) Maternal Mortality Rate – Measures immunization coverage
  - D) Total Fertility Rate – Measures disease prevalence
19. When recording blood pressure using Sphygmomanometer, the sounds which can be heard with a stethoscope placed over the artery is termed as:
  - A) Wheeze
  - B) Murmurs
  - C) Crackle sounds
  - D) Korotkoff sounds
20. Which epidemiological measure best reflects the burden of chronic illness in a community?
  - A) Crude death rate
  - B) Incidence rate
  - C) Prevalence rate
  - D) Case fatality rate
21. A nurse manager is evaluating cost-effectiveness of a tuberculosis (TB) control program. Which economic evaluation method is most appropriate?
  - A) Cost-Benefit Analysis (CBA)
  - B) Cost-Minimization Analysis (CMA)
  - C) Cost-Utility Analysis (CUA)
  - D) Cost-Effectiveness Analysis (CEA)
22. Which of the following ECG findings is most characteristic of hyperkalemia?
  - A) U waves and flattened T waves
  - B) Tall, peaked T waves and widened QRS complex
  - C) ST elevation and Q waves
  - D) Sinus tachycardia with premature atrial complexes
23. During the first 24 hours after a major burn injury, which of the following should the nurse anticipate?
  - A) Hyperkalemia and metabolic alkalosis
  - B) Hypokalemia and metabolic acidosis
  - C) Hyperkalemia and metabolic acidosis
  - D) Hypocalcemia and respiratory alkalosis
24. Which finding indicates cardiac tamponade in a patient post open-heart surgery?
  - A) Narrow pulse pressure and muffled heart sounds
  - B) Hypertension and bounding pulses
  - C) Bradycardia with high CVP
  - D) Loud S1 and increased cardiac output
25. A client with COPD is receiving oxygen at 4 L/min via nasal cannula. Patient becomes increasingly drowsy. What is the likely cause?
  - A) Oxygen-induced hypercapnia
  - B) CO<sub>2</sub> narcosis from acidosis
  - C) Respiratory alkalosis from hyperventilation
  - D) Cerebral hypoxia
26. The theme for International Nurses Day 2025 was;
  - A) Our Nurses. Our Future. Caring Nurses Strengthens economies
  - B) Nursing Power to Change the World!
  - C) Our Nurses. Our Future
  - D) Nurses; A voice to lead - Invest in Nursing and Respect Rights to secure global health

27. In a patient with Diabetic Ketoacidosis, which laboratory value requires the most immediate intervention?  
 A) Blood glucose of 490 mg/dL                      B) Serum potassium of 2.8 mEq/L  
 C) Serum bicarbonate of 12 mEq/L                D) Arterial pH of 7.25
28. A patient presents with third-degree heart block on ECG. Which drug is contraindicated?  
 A) Epinephrine            B) Isoproterenol            C) Atropine            D) Digoxin
29. In Maslow's hierarchy of needs, which intervention demonstrates prioritization of physiological needs?  
 A) Teaching relaxation techniques to reduce anxiety.  
 B) Providing a heated blanket to a hypothermic patient.  
 C) Encouraging socialization in a long-term care setting.  
 D) Assisting with spiritual support at end-of-life care.
30. Which statement best reflects evidence-based practice (EBP) in nursing?  
 A) "We've always done it this way, so we continue."  
 B) "I read a textbook that recommends this method."  
 C) "I found a recent clinical trial supporting this technique."  
 D) "My supervisor prefers this procedure over others."
31. A nurse notes that a diabetic patient has not received insulin as prescribed due to a missed dose. Which ethical principle has been most violated?  
 A) Autonomy            B) Fidelity            C) Nonmaleficence            D) Veracity
32. While using the nursing process, a nurse formulates nursing diagnoses based on which of the following?  
 A) Physician's diagnosis                              B) Patient's identified medical problem  
 C) Subjective and objective assessment data    D) Treatment plan from interdisciplinary team
33. The Heimlich manoeuvre (abdominal thrust) is used for a client who has:  
 A) A bloody nose            B) A blocked airway            C) Fall from bed            D) Impaired eyesight
34. Which of the following health programs in India focuses on population stabilization, gender equity, and reproductive rights?  
 A) National Population Policy            B) National Tuberculosis Elimination Programme  
 C) National Rural Health Mission            D) Integrated Child Development Scheme
35. A patient is receiving an antibiotic. She suddenly complains of trouble breathing, weakness and nausea. The nurse should recognize that these signs are usually indicative of impending:  
 A) Pulmonary embolism            B) Heart attack            C) Anaphylaxis            D) Bronchospasm
36. Which neurotransmitter imbalance is most strongly associated with the positive symptoms of schizophrenia?  
 A) Decreased serotonin            B) Increased dopamine activity in the mesolimbic pathway  
 C) Decreased GABA            D) Increased norepinephrine in the frontal cortex
37. The nurse administering medication to a patient realizes that she has administered a wrong dose of medication to the patient. But she informed the physician regarding the error immediately. The nurse demonstrates:  
 A) Responsibility            B) Authority            C) Decision making            D) Accountability
38. Which of the following is the most appropriate statistical test to compare the mean pain scores between three groups receiving different analgesic protocols?  
 A) Paired t-test            B) ANOVA            C) Chi-square test            D) Pearson correlation
39. A nursing researcher wants to estimate the prevalence of gestational diabetes among pregnant women in rural India. Which of the following sampling techniques is best suited for this purpose?  
 A) Purposive sampling                              B) Quota sampling  
 C) Simple random sampling                      D) Snowball sampling

40. Which of the following you identify as a risk factor for otitis media in an infant?  
 A) Preterm birth      B) Low birth weight      C) Bottle feeding      D) Formula feeding
41. Which of the following threats to internal validity is best controlled by using random assignment in experimental studies?  
 A) History      B) Maturation      C) Selection bias      D) Testing effect
42. Which of the following patient brought to emergency require the involvement of a forensic nurse?  
 A) An old woman with signs of abuse      B) A college student with signs of rape  
 C) A victim of violence      D) A victim of assault while doing robbery
43. A nurse researcher is studying the effect of a new wound care protocol on healing time. She randomly assigns patients to intervention and control groups and measures wound healing over 3 weeks. Which research design is most appropriate for this study?  
 A) Descriptive design      B) Quasi-experimental design  
 C) True experimental design      D) Correlational design
44. Which electrolyte imbalance is most life-threatening in a patient with acute kidney injury (AKI)?  
 A) Hyperphosphatemia      B) Hypocalcemia      C) Hyperkalemia      D) Hyponatremia
45. Which of the following rightly describes the changes happening in a cadaver?  
 A) Rigor, cooling, marbling, mummification      B) Marbling, Cooling, rigor, mummification  
 C) Cooling, marbling, rigor, mummification      D) Cooling, rigor, marbling, mummification
46. Calculate the drop per minute if a nurse wants to administer intravenous (IV) fluid at a rate of 60ml/hour using a micro drip set  
 A) 15 drops/ minute      B) 20 drops/ minute      C) 30drops/ minute      D) 60 drops/ minute
47. While preparing a disinfection protocol for reusable surgical instruments, a nurse chooses glutaraldehyde. Which of the following instruments is most appropriately disinfected using high-level disinfection with glutaraldehyde?  
 A) Vaginal speculum      B) Laryngoscope blade      C) Surgical scalpel      D) IV infusion set
48. A patient develops a catheter-associated urinary tract infection (CAUTI) despite adherence to aseptic insertion technique. Which of the following best explains this infection from an epidemiological standpoint?  
 A) Endogenous transmission via ascending colonization  
 B) Cross-transmission by health workers  
 C) Contaminated catheter tip during insertion  
 D) Improper urinary bag positioning
49. During the sterilization audit of an autoclave, it is found that biological indicators test positive but chemical indicators are normal. What is the most appropriate conclusion?  
 A) The autoclave cycle was successful  
 B) The sterilization process was incomplete  
 C) Chemical indicators are more reliable than biological ones  
 D) It indicates only packaging failure
50. Which of the following hand hygiene moments is most frequently missed in clinical settings, according to WHO compliance studies?  
 A) Before touching a patient      B) After body fluid exposure risk  
 C) After touching patient surroundings      D) After touching a patient
51. A nurse caring for an immunocompromised patient with neutropenia must:  
 A) Use only droplet precautions  
 B) Avoid fresh fruits and flowers in the patient's room  
 C) Restrict all visitors regardless of symptoms  
 D) Apply airborne precautions for all procedures

52. Which of the following combinations best meets the WHO criteria for a safe sharps container in a high-risk infectious disease ward?
- Transparent, puncture-resistant, foot-operated
  - Rigid, colorless, autoclavable
  - Leak-proof, puncture-resistant, labeled with biohazard symbol
  - Plastic, sealed with lid, located near pharmacy
53. What is the rationale for pre-treating microbiology laboratory waste before incineration or landfill disposal?
- Prevent transmission of drug-resistant pathogens
  - Reduce plastic burden
  - Enhance combustion efficiency
  - Reduce color contamination in landfill soil
54. The primary hormone responsible for maintaining the pregnancy in the early stages is \_\_\_\_\_.
- Estrogen
  - HCG
  - Progesterone
  - Oxytocin
55. In behavioral therapy, which of the following is an example of negative reinforcement?
- A patient receives praise for taking medication
  - A nurse ignores a patient's shouting to extinguish behavior
  - A patient's pain subsides after following an exercise regime
  - A patient is reprimanded for refusing physiotherapy
56. The Glasgow Coma Scale assesses all the following parameters except?
- Motor response
  - Verbal response
  - Eye opening
  - Memory
57. Which micronutrient deficiency is most commonly seen in patients on long-term proton pump inhibitor (PPI) therapy?
- Iron
  - Zinc
  - Magnesium
  - Vitamin C
58. A renal patient on hemodialysis is prescribed a high-biological-value (HBV) protein diet. Which food would best meet this requirement?
- Lentils
  - Tofu
  - Almonds
  - Egg whites
59. Which laboratory finding is most consistent with inhalation injury?
- Decreased PaCO<sub>2</sub> with respiratory alkalosis
  - Elevated carboxyhemoglobin levels
  - Elevated serum amylase
  - Low hematocrit
60. During acute management, which electrolyte imbalance is most expected in the first 24 hours post-burn?
- Hyperkalemia
  - Hypernatremia
  - Hypokalemia
  - Hypercalcemia
61. A psychiatric nurse observes a patient sitting still, staring at the wall, and resisting all attempts at interaction. What is the most appropriate nursing diagnosis?
- Risk for Violence
  - Disturbed Sensory Perception
  - Social Isolation
  - Catatonia related to Schizophrenia
62. In the milieu therapy setting, which principle most effectively fosters autonomy in hospitalized psychiatric patients?
- Minimizing patient choices to reduce stress
  - Encouraging patient participation in decision-making
  - Enforcing rigid ward routines to maintain safety
  - Limiting peer interaction to reduce triggers
63. A patient on lithium therapy presents with diarrhea, muscle weakness, and coarse tremors. What should the nurse suspect?
- Lithium non-compliance
  - Lithium toxicity
  - Dehydration
  - Serotonin syndrome
64. According to the Indian Public Health Standards (IPHS), what is the population norm for a PHC in hilly/tribal areas?
- 10,000
  - 20,000
  - 30,000
  - 50,000

65. During evaluation of student nurses' clinical performance, which of the following best ensures objectivity?
- Anecdotal records by clinical instructors
  - Use of standardized checklists and rating scales
  - Peer assessment and feedback
  - Faculty group discussion post-clinical posting
66. While teaching pharmacology to intern nurses at bedside, the nurse educator asks them to explain the rationale for the drug regimen of a cardiac patient. Which teaching principle is being applied?
- Repetition
  - Motivation
  - Correlation with clinical experience
  - Evaluation
67. A nurse educator observes that students lack confidence during patient interaction. Which approach best addresses this issue?
- Increasing classroom lectures on communication skills
  - Assigning individual assignments on patient rights
  - Organizing structured role-playing of patient scenarios
  - Providing detailed manuals on nurse-patient communication
68. Which leadership style is most appropriate in a high-acuity critical care unit during a code blue emergency?
- Transformational
  - Democratic
  - Autocratic
  - Laissez-faire
69. A nursing superintendent decides to decentralize decision-making. Which benefit is most likely to result from this strategy?
- Faster decision-making at the point of care
  - Reduced communication between departments
  - Increased control at the executive level
  - Homogenization of staff policies
70. Which intervention is the priority for a patient with a GCS score of 7?
- Insert a nasogastric tube
  - Administer IV fluids
  - Prepare for intubation
  - Provide family counseling

## Part – II

71. The nurse identifies that the condition in which arterial blood gas analysis showing PH of 7 and plasma bicarbonate value of 19 mmol/L is \_\_\_\_\_.
- Respiratory acidosis
  - Respiratory alkalosis
  - Metabolic acidosis
  - Metabolic alkalosis
72. Mr. X is admitted with traumatic brain injury in critical care unit. On assessment, he opens eyes to pain, produces incomprehensible sound and localizes upper extremities to pain. What is his score on Glasgow Coma Scale?
- E3V3M6
  - E3V2M4
  - E2V2M5
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  - Calcium gluconate infusion
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 A) Early ambulation  
 B) Removal of Foley's catheter  
 C) Early resumption of feeding  
 D) Respiratory exercises
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 B) Apply antidote solution  
 C) Remove skin from burned area  
 D) Flush the area with water
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 A) Applying tourniquet above the bite wound  
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 D) Morphine
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 B) Atrial tachycardia  
 C) Atrial fibrillation  
 D) Ventricular fibrillation
87. The proper steps for operating AED?  
 A) Switch on AED, analyze the rhythm, apply pad, deliver shock  
 B) Switch on AED, apply pads, clear the victim, deliver shock  
 C) Apply pads, switch on AED, deliver shock, analyze rhythm  
 D) Apply pads, switch on AED, clear the victim, deliver shock
88. How many compressions and breaths should you do for each cycle of CPR?  
 A) 15 compressions, 2 breaths  
 B) 30 compressions, 5 breaths  
 C) 30 compressions, 2 breaths  
 D) 15 compressions, 5 breaths

89. The nurse who is a team member of neonatal resuscitation is rightly resuscitating the newborn when she provides a compression ventilation ratio of \_\_\_\_.
- A) 3:1                      B) 5:1                      C) 15:1                      D) 30:2
90. A child admitted after ventriculo-peritoneal shunt is receiving 60ml/hour normal saline via a micro-drip set. How much drop rate is required to meet the fluid requirement of the child?
- A) 40 drops/minute      B) 60 drops/minute      C) 80 drops/minute      D) 10 drops/minute
91. After delivery, a newborn infant is immediately assessed with a routine procedure as part of their care. Which of the following scale is used for this immediate newborn assessment?
- A) Infant Functionality Scale                      B) Apgar scoring system  
C) Neonatal Development Scale                      D) Dubowitz-Ballard Scale
92. A 3 months old child is noticed to have chest indrawing and difficulty in breast feeding. How would you classify the child using integrated management of childhood illness (IMCI)?
- A) Bronchopneumonia    B) Pneumonia              C) Mild pneumonia    D) Severe pneumonia
93. The nurse is providing care to a patient with bipolar disorder. Which of the following lithium levels of the patient she understands as within the therapeutic range?
- A) 0.4 mmol/L              B) 1.1 mmol/L              C) 1.8 mmol/L              D) 2.6 mmol/L
94. The nurse is collecting history from the husband of Mrs. X brought to psychiatry OPD. Which of the following symptom reported by her husband leads the nurse towards the diagnosis of schizophrenia?
- A) Hallucinations      B) Excessive worry              C) Delirium              D) Grandiosity
95. A community health nurse is assessing the neighborhood near the health agency. He drove around observing the condition of the buildings, facilities, and the people in the community. Which of the following best describes the action done by the nurse?
- A) A phenomenological survey                      B) A neighborhood observation  
C) An ethnographic study                      D) A windshield survey
96. A patient (weight: 60 kg) admitted to critical care unit is to be administered with Inj. methyl prednisolone 5.4mg/kg/hour. The nurse dilutes 2 g methyl prednisolone in 50 ml of normal saline. Calculate the rate of infusion.
- A) 8.1ml/hour              B) 7.5ml/hour              C) 9.4ml/hour              D) 9ml/hour Ob
97. Mrs. X is in active labor and is hyperventilating with a respiratory rate of 28. You are expecting that she will develop respiratory alkalosis. Which of the following presenting manifestations you would notice the patient to have?
- A) Productive and persistent coughing    B) Dizziness              C) Cyanosis              D) Pallor
98. Mrs. Y is a 24-year-old primigravida at 39 weeks gestation who presents to the labor and delivery room in active labor. On admission, the obstetrician notes that she has been pushing for 3 hours with no descent of the fetal head. What is the most likely cause of Mrs. Y's obstructed labor?
- A) Fetal malpresentation                      B) Maternal exhaustion  
C) Pelvic contracture                      D) Fetal macrosomia
99. A woman who has been in labor for 36 hours is found to have a ruptured uterus. What is the most appropriate treatment in this scenario?
- A) Emergency cesarean section                      B) Vaginal delivery  
C) Administration of antibiotics                      D) Induction of labor
100. Breast milk can be stored at room temperature safely for \_\_\_\_ hours.
- A) 2 hours                      B) 4 hours                      C) 6 hours                      D) 8 hours

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### Answer Key (D-Series)

Q.No.	Ans	Q.No.	Ans	Q.No.	Ans	Q.No.	Ans
1	C	26	A	51	B	76	B
2	D	27	B	52	C	77	C
3	C	28	D	53	A	78	B
4	A	29	B	54	C	79	D
5	D	30	C	55	C	80	C
6	B	31	C	56	D	81	C
7	A	32	C	57	C	82	B
8	C	33	B	58	D	83	D
9	B	34	A	59	B	84	D
10	B	35	C	60	A	85	A
11	B	36	B	61	D	86	D
12	C	37	D	62	B	87	B
13	C	38	B	63	B	88	C
14	D	39	C	64	A	89	A
15	C	40	C	65	B	90	B
16	B	41	C	66	C	91	B
17	C	42	B	67	C	92	D
18	B	43	C	68	C	93	B
19	D	44	C	69	A	94	A
20	C	45	D	70	C	95	D
21	D	46	D	71	C	96	A
22	B	47	B	72	C	97	B
23	C	48	A	73	A	98	C
24	A	49	B	74	A	99	A
25	A	50	C	75	A	100	B