



## 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 Avushman Bharat, Health and Wellness Centres (HWCs) aim to deliver which level of 1. care?

A) Specialized secondary care

B) Community-based rehabilitation

C) Comprehensive primary health care

- D) Emergency trauma care
- 2. 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
- 3. Which is the correct sequence of steps in the Community Health Nursing Process? A) Assessment  $\rightarrow$  Implementation  $\rightarrow$  Planning  $\rightarrow$  Evaluation B) Planning  $\rightarrow$  Diagnosis  $\rightarrow$  Implementation  $\rightarrow$  Assessment C) Assessment  $\rightarrow$  Diagnosis  $\rightarrow$  Planning  $\rightarrow$  Implementation  $\rightarrow$  Evaluation D) Diagnosis  $\rightarrow$  Planning  $\rightarrow$  Implementation  $\rightarrow$  Evaluation  $\rightarrow$  Assessment
- Which of the following is a correct pairing of indicator and purpose? 4. 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
- 5. 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? 6. A) Crude death rate B) Incidence rate C) Prevalence rate D) Case fatality rate
- 7. 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)
- 8. 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 O waves D) Sinus tachycardia with premature atrial complexes
- 9. 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
- 10. 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 11. 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) CO2 narcosis from acidosis
- C) Respiratory alkalosis from hyperventilation
- D) Cerebral hypoxia
- The theme for International Nurses Day 2025 was: 12. 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 13. intervention?
  - A) Blood glucose of 490 mg/dL
  - C) Serum bicarbonate of 12 mEq/L
- B) Serum potassium of 2.8 mEq/L
- D) Arterial pH of 7.25





14.	A patient presents with third-degree heart block on ECG. Which drug is contraindicated?A) EpinephrineB) IsoproterenolC) AtropineD) Digoxin
15.	<ul> <li>In Maslow's hierarchy of needs, which intervention demonstrates prioritization of physiological needs?</li> <li>A) Teaching relaxation techniques to reduce anxiety.</li> <li>B) Providing a heated blanket to a hypothermic patient.</li> <li>C) Encouraging socialization in a long-term care setting.</li> <li>D) Assisting with spiritual support at end-of-life care.</li> </ul>
16.	<ul><li>Which statement best reflects evidence-based practice (EBP) in nursing?</li><li>A) "We've always done it this way, so we continue."</li><li>B) "I read a textbook that recommends this method."</li><li>C) "I found a recent clinical trial supporting this technique."</li><li>D) "My supervisor prefers this procedure over others."</li></ul>
17.	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
18.	<ul><li>While using the nursing process, a nurse formulates nursing diagnoses based on which of the following?</li><li>A) Physician's diagnosis</li><li>B) Patient's identified medical problem</li><li>C) Subjective and objective assessment data</li><li>D) Treatment plan from interdisciplinary team</li></ul>
19.	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
20.	Which of the following health programs in India focuses on population stabilization, genderequity, and reproductive rights?A) National Population PolicyC) National Rural Health MissionD) Integrated Child Development Scheme
21.	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
22.	Which neurotransmitter imbalance is most strongly associated with the positive symptoms of schizophrenia?A) Decreased serotonin C) Decreased GABAB) Increased dopamine activity in the mesolimbic pathway D) Increased norepinephrine in the frontal cortex
23.	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
24.	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-testB) ANOVAC) Chi-square testD) Pearson correlation
25.	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 samplingB) Quota sampling D) Snowball sampling
26.	Which of the following you identify as a risk factor for otitis media in an infant?A) Preterm birthB) Low birth weightC) Bottle feedingD) Formula feeding





27.	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		
28.	Which of the following patient brought to en nurse?				
	A) An old woman with signs of abuse C) A victim of violence	B) A college student with D) A victim of assault whi	le doing robbery		
29.	A nurse researcher is studying the effect of a randomly assigns patients to intervention and over 3 weeks. Which research design is most A) Descriptive design C) True experimental design	l control groups and measur	es wound healing		
30.	<ul><li>Which electrolyte imbalance is most life-three (AKI)?</li><li>A) Hyperphosphatemia B) Hypocalcemia</li></ul>		ite kidney injury Hypernatremia		
21		, , ,	•		
31.	Which of the following rightly describes the A) Rigor, cooling, marbling, mummification C) Cooling, marbling, rigor, mummification		rigor, mummification		
32.	Calculate the drop per minute if a nurse want 60ml/hour using a micro drip set A) 15 drops/ minute B) 20 drops/ minute		(IV) fluid at a rate of 60 drops/ minute		
33.	While preparing a disinfection protocol for glutaraldehyde. Which of the following ins high-level disinfection with glutaraldehyde? A) Vaginal speculum B) Laryngoscope bla	r reusable surgical instrume truments is most appropria			
34.	<ul> <li>A patient develops a catheter-associated urin aseptic insertion technique. Which of the epidemiological standpoint?</li> <li>A) Endogenous transmission via ascending c</li> <li>B) Cross-transmission by health workers</li> <li>C) Contaminated catheter tip during insertion</li> <li>D) Improper urinary bag positioning</li> </ul>	following best explains the			
35.	During the sterilization audit of an autoclave but chemical indicators are normal. What is t A) The autoclave cycle was successful B) The sterilization process was incomplete C) Chemical indicators are more reliable that D) It indicates only packaging failure	he most appropriate conclus	ndicators test positive sion?		
36.	<ul><li>Which of the following hand hygiene momen according to WHO compliance studies?</li><li>A) Before touching a patient</li><li>C) After touching patient surroundings</li></ul>	nts is most frequently missed B) After body fluid D) After touching a	l exposure risk		
37.	<ul> <li>A nurse caring for an immunocompromised p</li> <li>A) Use only droplet precautions</li> <li>B) Avoid fresh fruits and flowers in the patie</li> <li>C) Restrict all visitors regardless of symptom</li> <li>D) Apply airborne precautions for all proceed</li> </ul>	nt's room	st:		
38.	<ul> <li>Which of the following combinations best m in a high-risk infectious disease ward?</li> <li>A) Transparent, puncture-resistant, foot-oper</li> <li>B) Rigid, colorless, autoclavable</li> <li>C) Leak-proof, puncture-resistant, labeled with</li> <li>D) Plastic, sealed with lid, located near pharm</li> </ul>	ated ith biohazard symbol	safe sharps container		





39.	What is the rationale for pre-treating microbiology laboratory waste before incineration or landfill disposal?						
	A) Prevent transmission of drug-resistant pathogensB) Reduce plastic burdenC) Enhance combustion efficiencyD) Reduce color contamination in landfill soil						
40.	The primary hormone responsible for maintai A) Estrogen B) HCG		ly stages is xytocin				
41.	<ul> <li>In behavioral therapy, which of the following is an example of negative reinforcement?</li> <li>A) A patient receives praise for taking medication</li> <li>B) A nurse ignores a patient's shouting to extinguish behavior</li> <li>C) A patient's pain subsides after following an exercise regime</li> <li>D) A patient is reprimanded for refusing physiotherapy</li> </ul>						
42.	The Glasgow Coma Scale assesses all the foll A) Motor response B) Verbal response	lowing parameters except? C) Eye opening	D) Memory				
43.	Which micronutrient deficiency is most communitation (PPI) therapy?						
	A) Iron B) Zinc	C) Magnesium	D) Vitamin C				
44.	A renal patient on hemodialysis is prescribed Which food would best meet this requirement A) Lentils B) Tofu		<ul><li>✓) protein diet.</li><li>D) Egg whites</li></ul>				
45.	<ul> <li>A) Lennis B) fold</li> <li>Which laboratory finding is most consistent w</li> <li>A) Decreased PaCO<sub>2</sub> with respiratory alkalosi</li> <li>C) Elevated serum amylase</li> </ul>	vith inhalation injury?					
46.	During acute management, which electrolyte post-burn? A) Hyperkalemia B) Hypernatremia	imbalance is most expected in	n the first 24 hours ypercalcemia				
47.	A psychiatric nurse observes a patient sitting at interaction. What is the most appropriate mA) Risk for Violence C) Social Isolation	-	ption				
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 dia What should the nurse suspect? A) Lithium non-compliance C) Dehydration	urrhea, muscle weakness, and B) Lithium toxicity D) Serotonin syndrome	coarse tremors.				
50.	According to the Indian Public Health Standa PHC in hilly/tribal areas? A) 10,000 B) 20,000	rds (IPHS), what is the popul C) 30,000 D) 50					
51.	<ul> <li>During evaluation of student nurses' clinical pobjectivity?</li> <li>A) Anecdotal records by clinical instructors</li> <li>B) Use of standardized checklists and rating s</li> <li>C) Peer assessment and feedback</li> <li>D) Faculty group discussion post-clinical post</li> </ul>	performance, which of the fol scales					





52.	While teaching pharmacology to intern nurses a explain the rationale for the drug regimen of a being applied?	
	0 11	tion with clinical experience D) Evaluation
53.	A nurse educator observes that students lack co approach best addresses this issue? A) Increasing classroom lectures on communic B) Assigning individual assignments on patient C) Organizing structured role-playing of patient D) Providing detailed manuals on nurse-patient	ation skills t rights t scenarios
54.	Which leadership style is most appropriate in a blue emergency?	
	· · ·	C) Autocratic D) Laissez-faire
55.	A nursing superintendent decides to decentralize likely to result from this strategy? A) Faster decision-making at the point of care B) Reduced communication between departme C) Increased control at the executive level D) Homogenization of staff policies	-
56.	Which intervention is the priority for a patient	
	<ul><li>A) Insert a nasogastric tube</li><li>C) Prepare for intubation</li></ul>	<ul><li>B) Administer IV fluids</li><li>D) Provide family counseling</li></ul>
57.	Herd immunity protects the population by: A) Treating infected individuals C) Reducing the number of susceptible hosts	<ul><li>B) Vaccinating children only</li><li>D) Isolating infected persons</li></ul>
58.	Which management theory focuses on workers autonomy? A) Scientific Management Theory B) Theory	U U
59.	A community assessment reveals high infant m	
	should the nurse evaluate next?	
	<ul><li>A) Nutritional practices of mothers</li><li>C) Quality of intranatal and postnatal services</li></ul>	<ul><li>B) Sanitation facilities</li><li>D) Immunization records</li></ul>
60.	A nurse is caring for a patient on warfarin thera	
001	Ratio) of 5.6. Which medication should be adm	ninistered?
	A) Vitamin K B) Protamine sulfate	C) Fresh frozen plasma D)Heparin
61.	Which statement accurately describes the mech A) Rh-negative mother produces IgM antibodic B) Rh-positive fetus destroys maternal red bloc C) Rh-positive mother develops antibodies aga D) Rh-negative mother develops IgG antibodie	es that cross the placenta od cells inst Rh-negative fetal cells
62.	A patient with preeclampsia is on magnesium s	1 1
	toxicity? A) Positive ankle clonus C) Blood pressure of 160/110 mmHg	<ul><li>B) Respiratory rate of 10/min</li><li>D) Hyperreflexia</li></ul>
63.	A patient with septic shock is being treated with	h norepinephrine. Which is the primary goal of
	this therapy? A) Increase systemic vascular resistance and M	IAP B) Reduce heart rate
	C) Decrease myocardial oxygen demand	D) Improve urine output directly
64.	Which hemodynamic parameter is most indicat	-
	<ul><li>A) Central venous pressure (CVP)</li><li>C) Pulmonary capillary wedge pressure (PCWI)</li></ul>	<ul><li>B) Mean arterial pressure (MAP)</li><li>D) Systemic vascular resistance (SVR)</li></ul>





65.	<ul> <li>Which is the correct match regarding Indian health committees and their contributions?</li> <li>A) Bhore Committee – Introduced CHC concept</li> <li>B) Kartar Singh Committee – Laid foundation of multipurpose worker scheme</li> <li>C) Shrivastava Committee – Focused on medical education reform</li> <li>D) Mudaliar Committee – Introduced primary health care</li> </ul>
66.	In a patient with increased intracranial pressure (ICP), which intervention should be avoided?A) Head midline and elevated 30°B) Frequent suctioningC) Osmotic diureticsD) Hypertonic saline
67.	A nurse notes narrow pulse pressure, muffled heart sounds, and jugular vein distention in a trauma patient. What condition is suspected?A) Tension pneumothoraxB) Cardiac tamponade D) Pulmonary embolism
68.	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
69.	<ul> <li>What is the most critical nursing assessment after administering IV thrombolytics for myocardial infarction?</li> <li>A) Assess respiratory effort</li> <li>C) Check for signs of bleeding</li> <li>B) Monitor for chest pain</li> <li>D) Monitor ECG for ST elevation</li> </ul>
70.	Which of the following indicators is not used to measure the effectiveness of the JananiSuraksha Yojana (JSY)?A) Institutional delivery rateC) Neonatal mortality rateB) Maternal mortality ratioD) Total fertility rate
	<u>Part – II</u>
71.	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
72.	<ul><li>Which of the following intervention is considered right while providing first aid to a victim of snake bite?</li><li>A) Applying tourniquet above the bite wound</li><li>B) Attempting to suck out venom</li></ul>
	C) Removing jewelry from the affected limb D) Cut a bite wound D) Cut a bite wound
73.	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
74.	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?B) 11-point numerical rating scaleA) Color analog scaleB) 11-point numerical rating scaleC) Descriptive rating scaleD) Faces pain scale
75.	The nurse is providing care to Mr X who is admitted in a palliative care unit. The mainstrategy used in palliative care to manage pain isA) Acetaminophen B) Diazepam C) Gabapentin D) Morphine
76.	The nurse caring a patient with lung cancer in palliative care unit understands that the main goal of palliative care is to provideA) Aggressive treatmentB) Plan surgery D) Comfort and pain relief
77.	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





78.	The nurse is involved in managing a patient v be considered as a shockable rhythm while p (ACLS)? A) Ventricular tachycardia C) Atrial fibrillation		nust
79.	The proper steps for operating AED? A) Switch on AED, analyze the rhythm, appl B) Switch on AED, apply pads, clear the vict C) Apply pads, switch on AED, deliver shocl D) Apply pads, switch on AED, clear the vict	im, deliver shock k, analyze rhythm	
80.	How many compressions and breaths should A) 15 compressions, 2 breaths C) 30 compressions, 2 breaths	you do for each cycle of CPR? B) 30 compressions, 5 breaths D) 15 compressions, 5 breaths	
81.	The nurse who is a team member of neonatal when she provides a compression ventilation A) 3:1 B) 5:1	č .	born
82.	A child admitted after ventriculo-peritoneal s micro-drip set. How much drop rate is requir A) 40 drops/minute B) 60 drops/minute	ed to meet the fluid requirement of the child?	?
83.	After delivery, a newborn infant is immediate their care. Which of the following scale is us A) Infant Functionality Scale C) Neonatal Development Scale		of
84.	A 3 months old child is noticed to have chest would you classify the child using integrated A) Bronchopneumonia B) Pneumonia		
85.	The nurse is providing care to a patient with levels of the patient she understands as withi A) 0.4 mmol/L B) 1.1 mmol/L		ium
86.	The nurse is collecting history from the husb of the following symptom reported by her hu schizophrenia? A) Hallucinations B) Excessive worry		of
87.	A community health nurse is assessing the ne around observing the condition of the buildir Which of the following best describes the act A) A phenomenological survey C) An ethnographic study	eighborhood near the health agency. He drove ngs, facilities, and the people in the communi	e
88.	A patient (weight: 60 kg) admitted to critica prednisolone 5.4mg/kg/hour. The nurse dilu saline. Calculate the rate of infusion. A) 8.1ml/hour B) 7.5ml/hour	•	-
89.	Mrs. X is in active labor and is hyperven expecting that she will develop respirator manifestations you would notice the patient t A) Productive and persistent coughing B)	y alkalosis. Which of the following prese to have?	nting
90.	<ul><li>Mrs. Y is a 24-year-old primigravida at 39 delivery room in active labor. On admission for 3 hours with no descent of the fetal h obstructed labor?</li><li>A) Fetal malpresentation</li><li>C) Pelvic contracture</li></ul>	, the obstetrician notes that she has been put	shing





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

- vaginoplasty. Which of the following instruction by the physician should alert the nurse?
- A) Early ambulationC) Early resumption of feeding
- B) Removal of Foley's catheterD) Respiratory exercises
- on of feeding D
  - \*\*\*





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

## Answer Key (A-Series)