

FINAL ANSWER KEY

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Exam:MSc Nursing 2026

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1. A patient is admitted with a fracture of the humeral shaft. Which nerve is most at risk of injury?

- A) Median nerve
- B) Ulnar nerve
- C) Radial nerve
- D) Axillary nerve

Correct Answer : Option C

2. Which of the following cranial nerves is responsible for the motor innervation of the muscles of mastication?

- A) Trigeminal nerve
- B) Facial nerve
- C) Glossopharyngeal nerve
- D) Vagus nerve

Correct Answer : Option A

3. The primary visual cortex is located in which lobe of the cerebrum?

- A) Frontal
- B) Occipital
- C) Parietal
- D) Temporal

Correct Answer : Option B

4. Which anatomical structure prevents food from entering the trachea during deglutition?

- A) Epiglottis
- B) Larynx
- C) Pharynx
- D) Uvula

Correct Answer : Option A

5. What is the longest bone in the human body?

- A) Tibia

- B) Fibula
- C) Humerus
- D) Femur

Correct Answer : Option D

6. Which unique anatomical structure contains the vital cardiorespiratory centers regulating heart rate and respiration?
- A) Cerebellum
 - B) Thalamus
 - C) Pons Medulla oblongata
 - D) Medulla oblongata

Correct Answer : Option D

7. Which of the following hormones is secreted by the posterior pituitary gland?
- A) Oxytocin
 - B) Growth hormone
 - C) Prolactin
 - D) Adrenocorticotrophic hormone

Correct Answer : Option A

8. What is the primary physiological pacemaker of the human heart?
- A) Atrioventricular node
 - B) Bundle of His Purkinje fibers
 - C) Purkinje fibers
 - D) Sinoatrial node

Correct Answer : Option D

9. Which cell type in the gastric mucosa is responsible for the secretion of intrinsic factor and hydrochloric acid?
- A) Chief cells
 - B) G-cells
 - C) Mucus neck cells
 - D) Parietal cells

Correct Answer : Option D

10. Which neurotransmitter is exclusively released at the neuromuscular junction to initiate skeletal muscle contraction?
- A) Dopamine
 - B) Norepinephrine

- C) Acetylcholine
- D) Serotonin

Correct Answer : Option C

- 11.** Which physiological mechanism is primarily responsible for the rapid depolarization phase of an action potential in myocardial contractile cells?
- A) Influx of Calcium ions
 - B) Efflux of Chloride ions
 - C) Efflux of Potassium ions
 - D) Influx of Sodium ions

Correct Answer : Option D

- 12.** Which organelle is known as the powerhouse of the cell due to its role in ATP generation via oxidative phosphorylation?
- A) Golgi apparatus
 - B) Endoplasmic reticulum
 - C) Mitochondrion
 - D) Lysosome

Correct Answer : Option C

- 13.** What is the end product of anaerobic glycolysis in human skeletal muscle?
- A) Pyruvate
 - B) Acetyl-CoA
 - C) Lactate
 - D) Oxaloacetate

Correct Answer : Option C

- 14.** Which metabolic pathway represents the final common pathway for the oxidation of carbohydrates, lipids, and proteins?
- A) Glycolysis pathway
 - B) Urea cycle
 - C) Citric Acid Cycle
 - D) Pentose phosphate pathway

Correct Answer : Option C

- 15.** Deficiency of which vitamin leads to a prolonged prothrombin time and bleeding tendencies due to defective gamma-carboxylation of clotting factors?
- A) Vitamin A
 - B) Vitamin C

- c) Vitamin E
- d) Vitamin K

Correct Answer : Option D

- 16.** Which plasma lipid component is inversely correlated with the risk of developing coronary artery disease?
- A) Chylomicrons
 - B) Very Low-Density Lipoprotein
 - c) Low-Density Lipoprotein
 - d) High-Density Lipoprotein

Correct Answer : Option D

- 17.** Which type of hypersensitivity reaction is mediated by IgE antibodies and involves immediate mast cell degranulation?
- A) Type I
 - B) Type II
 - c) Type III
 - d) Type IV

Correct Answer : Option A

- 18.** What is the fundamental structural component that distinguishes Gram-positive bacterial cell walls from Gram-negative bacterial cell walls?
- A) A thick peptidoglycan layer
 - B) An outer lipopolysaccharide membrane
 - c) The presence of plasmids
 - d) Chitin microfibrils

Correct Answer : Option A

- 19.** Which structure helps protect bacteria from phagocytosis by host immune cells?
- A) Flagella
 - B) Pili
 - c) Capsule
 - d) Plasma membrane

Correct Answer : Option C

- 20.** What is the primary mode of transmission for Hepatitis A virus?
- A) Parenteral transmission
 - B) Sexual contact
 - c) Faecal-oral route

D) Vector-borne

Correct Answer : Option C

21. Hospital-acquired infections that develop at least 48 hours after admission are professionally termed as.....infections:

- A) Idiopathic
- B) Iatrogenic
- C) Nosocomial
- D) Opportunistic

Correct Answer : Option C

22. Which sterilization method is most appropriate for surgical instruments made of stainless steel?

- A) Autoclaving
- B) Hot air oven
- C) Pasteurization
- D) Ultraviolet radiation

Correct Answer : Option A

23. A patient has a body mass index (BMI) of 22.5 kg/m². How should the nurse classify this nutritional status?

- A) Normal weight
- B) Overweight
- C) Obese Class I
- D) Underweight

Correct Answer : Option A

24. Which of the following is a classic clinical manifestation of Scurvy?

- A) Night blindness
- B) Osteomalacia
- C) Bleeding gums and petechiae
- D) Peripheral neuropathy

Correct Answer : Option C

25. To promote optimal calcium absorption from the intestinal lumen into the bloodstream, which active nutrient derivative must be present?

- A) Calcitriol
- B) Iron ions
- C) Vitamin E matrix complexes

D) Iron ionsVitamin C

Correct Answer : Option A

26. To promote optimal iron absorption, a nurse should advise a patient to consume oral iron supplements alongside which of the following?

- A) Milk
- B) Antacids
- C) Orange juice
- D) Hot tea

Correct Answer : Option C

27. According to Abraham Maslow's Hierarchy of Needs, which level must be satisfied immediately after physiological needs are met?

- A) Love and belongingness
- B) Self-actualization
- C) Safety and security
- D) Self-esteem

Correct Answer : Option C

28. Which psychological defence mechanism involves unconsciously shifting unacceptable feelings or impulses from their original target to a less threatening substitute target?

- A) Sublimation
- B) Projection
- C) Displacement
- D) Rationalization

Correct Answer : Option C

29. According to Erik Erikson's stages of psychosocial development, what is the primary developmental task during adolescence?

- A) Trust vs. Mistrust
- B) Autonomy vs. Shame and Doubt
- C) Industry vs. Inferiority
- D) Identity vs. Role Confusion

Correct Answer : Option D

30. What term defines a false sensory perception experienced in the absence of any real external stimulus?

- A) Illusion
- B) Delusion

- C) Hallucination
- D) Obsession

Correct Answer : Option C

- 31.** In classical conditioning paradigms, if a subject stops demonstrating a conditioned response after the conditioned stimulus is repeatedly presented without the unconditioned stimulus, this process is known as:
- A) Extinction
 - B) Generalization
 - C) Spontaneous recovery
 - D) Discrimination tracking

Correct Answer : Option A

- 32.** A sudden, unexpected, and overwhelming wave of fear and anxiety that peaks within minutes in the absence of apparent danger is classified as:
- A) Generalized anxiety
 - B) Obsessive-compulsive ritual
 - C) Phobia
 - D) Panic attack

Correct Answer : Option D

- 33.** Which concept describes the process by which individuals learn and internalize the values, beliefs, and norms of a given society?
- A) Stratification
 - B) Assimilation
 - C) Socialization
 - D) Acculturation

Correct Answer : Option C

- 34.** What type of family structure consists of a married couple and their biological or adopted children living together without other relatives?
- A) Nuclear family
 - B) Extended family
 - C) Joint family
 - D) Patriarchal family

Correct Answer : Option A

- 35.** The unequal distribution of wealth, power, and prestige among different social classes in a society is known as:
- A) Social mobility

- B) Social control
- C) Social stratification
- D) Social cohesion

Correct Answer : Option C

- 36.** When a nurse experiences conflicting professional expectations from hospital administration and personal expectations from their family, this is termed as:
- A) Role conflict
 - B) Role strain
 - C) Status inconsistency
 - D) Anomie

Correct Answer : Option A

- 37.** What type of social group is characterized by intimate, face-to-face, long-term relationships, such as a family or a close group of friends?
- A) Primary group
 - B) Secondary group
 - C) In-group
 - D) Out-group

Correct Answer : Option A

- 38.** Rapid cultural transformation where material culture advances faster than non-material culture are termed:
- A) Cultural shock
 - B) Cultural assimilation
 - C) Cultural diffusion
 - D) Cultural lag

Correct Answer : Option D

- 39.** Which technique is used to open the airway of an unconscious trauma patient with a suspected cervical spine injury?
- A) Head-tilt/chin-lift maneuver
 - B) Jaw-thrust maneuver
 - C) Hyperextension of the neck
 - D) Prone rotation maneuver

Correct Answer : Option B

- 40.** What term describes a high-pitched, continuous crowing sound heard over the larynx or trachea during inspiration, indicating an upper airway obstruction?
- A) Wheeze

- B) Rhonchi
- C) Stridor
- D) Crackles

Correct Answer : Option C

41. What is the primary purpose of the 'Nursing Process' in clinical practice?

- A) To establish legal documentation for health care institutions
- B) To evaluate the cost-effectiveness of nursing interventions
- C) To standardize medical treatments across different departments
- D) To provide a systematic, client-centered method for structuring nursing care

Correct Answer : Option D

42. While administering an intramuscular injection using the Z-track technique, what is the primary rationale for pulling the skin laterally before insertion?

- A) To decrease the pain experienced by the patient
- B) To avoid hitting deep blood vessels and nerves
- C) To ensure the needle reaches the deep muscle layer
- D) To prevent leakage of the medication into subcutaneous tissues

Correct Answer : Option D

43. What is the correct sequence of steps when performing a physical assessment of the respiratory system?

- A) Inspection, Palpation, Percussion, Auscultation
- B) Inspection, Auscultation, Percussion, Palpation
- C) Auscultation, Inspection, Palpation, Percussion
- D) Inspection, Percussion, Palpation, Auscultation

Correct Answer : Option A

44. While performing cardiopulmonary resuscitation (CPR) on an adult patient, what is the recommended compression-to-ventilation ratio for a single rescuer?

- A) 15:2
- B) 30:1
- C) 5:1
- D) 30:2

Correct Answer : Option D

45. Which transmission-based precaution is strictly required when caring for a patient diagnosed with active Pulmonary Tuberculosis?

- A) Contact precautions

- B) Droplet precautions
- C) Airborne precautions
- D) Standard precautions only

Correct Answer : Option C

- 46.** What is the standard position for a patient undergoing a sigmoidoscopy or lumbar puncture assessment setup helper?
- A) Prone position
 - B) Trendelenburg position
 - C) Lateral recumbent position
 - D) Lithotomy position

Correct Answer : Option C

- 47.** Which type of primary wound healing occurs when a surgical incision is cleanly sutured or stapled with minimal tissue loss?
- A) Primary intention
 - B) Secondary intention
 - C) Tertiary intention
 - D) Granular intention

Correct Answer : Option A

- 48.** What is the first clinical action a nurse should take immediately following a medication administration error?
- A) Complete an incident report form
 - B) Notify the physician immediately
 - C) Inform the nursing supervisor
 - D) Assess the patient's condition and vital signs

Correct Answer : Option D

- 49.** The legal term that defines a nurse's failure to perform professional duties according to accepted standards of care, resulting in injury to a patient, is:
- A) Negligence
 - B) Defamation
 - C) Battery
 - D) Assault

Correct Answer : Option A

- 50.** When checking an adult patient's tympanic membrane temperature, how should the nurse manipulate the pinna?
- A) Pull the pinna down and back

- B) Pull the pinna straight back
- C) Pull the pinna up and back
- D) Pull the pinna down and forward

Correct Answer : Option C

51. What is the primary clinical indicator that a patient has developed a Stage 1 pressure injury?

- A) Partial-thickness skin loss involving epidermis
- B) Exposed bone, tendon, or muscle tissue
- C) Full-thickness skin loss with visible subcutaneous fat
- D) Non-blanchable erythema of intact skin

Correct Answer : Option D

52. Which of the following defines an objective finding observed or measured directly by the healthcare provider during an examination?

- A) Sign
- B) Symptom
- C) Syndrome
- D) History

Correct Answer : Option A

53. What is the minimum recommended duration for performing a standard, friction-based hygienic handwash in a clinical setting?

- A) 20 seconds
- B) 40 seconds
- C) 60 seconds
- D) 5 minutes

Correct Answer : Option A

54. While checking a patient's peripheral pulses, the nurse notes a bounding pulse that is extremely strong. How should this be documented on a standard 0 to 4+ scale?

- A) 1+
- B) 2+
- C) 3+
- D) 4+

Correct Answer : Option D

55. Which moral principle in nursing ethics obligates the professional to act in the best interest of the patient and actively promote good?

- A) Autonomy

- B) Non-maleficence
- C) Beneficence
- D) Justice

Correct Answer : Option C

- 56.** What is the most reliable clinical site for evaluating central cyanosis in a critically ill patient?
- A) Nailbeds of fingers and toes
 - B) Earlobes
 - C) Tongue and oral mucous membranes
 - D) Sclera

Correct Answer : Option C

- 57.** What is the primary purpose of performing passive range-of-motion exercises for an immobilized patient?
- A) To increase muscle strength and mass
 - B) To maintain joint flexibility and prevent contractures
 - C) To accelerate fat metabolism
 - D) To elevate baseline cardiac output

Correct Answer : Option B

- 58.** While changing a surgical wound dressing, the nurse notes thick, yellow-green drainage with a foul odor. How should this exudate be precisely documented?
- A) Serous exudate
 - B) Sanguineous exudate
 - C) Serosanguineous exudate
 - D) Purulent exudates

Correct Answer : Option D

- 59.** When verifying a patient's identity prior to administering a blood product, which two indicators are universally considered valid?
- A) Room number and primary diagnosis
 - B) Full name and medical record number
 - C) Bed label and attending physician's name
 - D) Chief complaint and age

Correct Answer : Option B

- 60.** The nurse calculates a patient's total fluid intake and output (I&O). Oliguria in an adult is clinically defined as a urine output of less than..... In 24 hours:
- A) 100 mL

- B) 400 mL
- C) 1000 mL
- D) 1500 mL

Correct Answer : Option B

- 61.** While performing a wound dressing change, the nurse drops a sterile gauze pad onto the clean bedside table. Which action should the nurse take next?
- A) Pick it up with sterile forceps and use it
 - B) Spray the pad with antiseptic solution
 - C) Rinse the pad with normal saline before application
 - D) Discard the pad and open a new sterile package

Correct Answer : Option D

- 62.** What is the recommended size of the needle gauge and angle of insertion for administering an intradermal injection, such as a Mantoux test?
- A) 18 gauge at a 30 - 45-degree angle
 - B) 22 gauge at a 90-degree angle
 - C) 26 to 27 gauge at a 5 to 15-degree angle
 - D) 25 gauge at a 30-degree angle

Correct Answer : Option C

- 63.** Which phase of the therapeutic nurse-patient relationship involves establishing parameters, building trust, and identifying goals?
- A) Orientation phase
 - B) Pre-interaction phase
 - C) Working phase
 - D) Termination phase

Correct Answer : Option A

- 64.** Which breath sound is characterized by high-pitched, musical whistling sounds caused by narrow small airways?
- A) Crackles
 - B) Stridor
 - C) Pleural friction rub
 - D) Wheeze

Correct Answer : Option D

- 65.** What is the name of the legal document that allows a patient to state their specific choices for medical treatment before a life-threatening illness occurs?

- A) Informed Consent document
- B) Incident Report
- C) Advance Directive
- D) Power of Attorney registry

Correct Answer : Option C

- 66.** While evaluating an intravenous (IV) site, the nurse notes that the skin is cool to the touch, pale, swollen, and the fluid flow has slowed down. What complication does this indicate?
- A) Phlebitis
 - B) Infiltration
 - C) Thrombophlebitis
 - D) Local infection

Correct Answer : Option B

- 67.** Which of the following dimensions represents the standard depth of a chest compression for an adult during high-quality CPR?
- A) 1 to 1.5 inches
 - B) 2 to 2.5 inches
 - C) 3 to 3.5 inches
 - D) 4 inches completely

Correct Answer : Option B

- 68.** A patient is prescribed oxygen therapy at 2 L/min via nasal cannula. What estimated fraction of inspired oxygen (FiO₂) is delivered at this rate?
- A) 21%
 - B) 24%
 - C) 28%
 - D) 36%

Correct Answer : Option C

- 69.** Which laboratory value is most critical for a nurse to monitor closely in a patient receiving therapeutic doses of Heparin infusion?
- A) Prothrombin Time (PT)
 - B) International Normalized Ratio (INR)
 - C) Activated Partial Thromboplastin Time (aPTT)
 - D) Platelet count only

Correct Answer : Option C

- 70.** What is considered the antidote for an acute overdose of Acetaminophen (Paracetamol)?

- A) Protamine sulfate
- B) Naloxone
- C) N-acetylcysteine
- D) Flumazenil

Correct Answer : Option C

71. A patient is prescribed Digoxin for heart failure. Which of the following parameters must be assessed immediately prior to administration?

- A) Apical pulse for 1 full minute Blood pressure
- B) Blood pressure
- C) Respiratory rate for 1 full minute
- D) Axillary temperature

Correct Answer : Option A

72. What is the mechanism of action of loop diuretics like Furosemide?

- A) Inhibits $\text{Na}^+/\text{K}^+/\text{2Cl}^-$ cotransporter in the thick ascending limb of the loop of Henle
- B) Blocks sodium reabsorption in the distal convoluted tubule
- C) Antagonizes aldosterone receptors in the thick descending limb of the loop of Henle
- D) Inhibits carbonic anhydrase in the proximal tubule

Correct Answer : Option A

73. Which of the following is a potential major adverse effect associated with the administration of Aminoglycoside antibiotics?

- A) Hepatotoxicity
- B) Haemolytic anaemia
- C) Aplastic anaemia
- D) Ototoxicity

Correct Answer : Option D

74. When administering Nitroglycerin sublingually for angina, the nurse should instruct the patient to expect which common side effect?

- A) Bradycardia
- B) Blurred vision
- C) Hypertension
- D) Headache

Correct Answer : Option D

75. Which of the following medications is a selective beta-1 adrenergic antagonist?

- A) Propranolol

- B) Labetalol
- C) Carvedilol
- D) Atenolol

Correct Answer : Option D

76. What is the primary therapeutic indication for the use of Naloxone?

- A) Benzodiazepine toxicity
- B) Barbiturate overdose
- C) Opioid-induced respiratory depression
- D) Tricyclic antidepressant poisoning

Correct Answer : Option C

77. An insulin infusion is started for a patient with Diabetic Ketoacidosis. Which type of insulin is the only one formulated for intravenous route safety?

- A) Regular Insulin
- B) NPH Insulin
- C) Insulin Glargine
- D) Insulin Lispro

Correct Answer : Option A

78. Which antihypertensive class is strictly contraindicated during pregnancy due to high risks of fetal renal failure and malformations?

- A) Calcium Channel Blockers
- B) Beta Blockers
- C) Angiotensin-Converting Enzyme Inhibitors
- D) Alpha-2 agonists

Correct Answer : Option C

79. Which of the following cellular adaptations refers to an increase in the size of individual cells, leading to an increase in the size of the organ?

- A) Atrophy
- B) Hypertrophy
- C) Hyperplasia
- D) Metaplasia

Correct Answer : Option B

80. What type of necrosis is most characteristic of ischemic injury and infarction in solid organs like the kidney, heart, and adrenal glands?

- A) Coagulative necrosis

- B) Liquefactive necrosis
- C) Caseous necrosis
- D) Fat necrosis

Correct Answer : Option A

- 81.** What is the primary histological feature that distinguishes a malignant tumor from a benign tumor?
- A) Cellular differentiation
 - B) Presence of an intact capsule
 - C) Infiltration and invasion of surrounding tissues
 - D) Slow growth rate

Correct Answer : Option C

- 82.** Which type of shock is primarily caused by a massive systemic release of histamine and other inflammatory mediators, leading to widespread vasodilation?
- A) Hypovolemic shock
 - B) Cardiogenic shock
 - C) Anaphylactic shock
 - D) Neurogenic shock

Correct Answer : Option C

- 83.** The pathognomonic "Aschoff nodules" found within myocardial tissue are highly diagnostic of which disease process?
- A) Rheumatic Heart Disease
 - B) Infective endocarditis
 - C) Myocardial infarction
 - D) Dilated cardiomyopathy

Correct Answer : Option A

- 84.** What is the hallmark pathophysiological finding in the lungs of a patient with Emphysema?
- A) Acute exudative consolidation of lung fields
 - B) Chronic inflammation of the bronchioles with excessive mucus production
 - C) Fibrotic scarring of lung parenchyma
 - D) Permanent, abnormal destruction of alveolar walls

Correct Answer : Option D

- 85.** Which hereditary disorder is characterized by a deficiency of Factor VIII, leading to severe coagulation defects and joint hemorrhages?
- A) Hemophilia A

- B) Hemophilia B
- C) Von Willebrand disease
- D) Thalassemia major

Correct Answer : Option A

86. Reed-Sternberg cells observed on a lymph node biopsy specimen are a diagnostic prerequisite for which malignancy?

- A) Hodgkin Lymphoma
- B) Non-Hodgkin Lymphoma
- C) Multiple Myeloma
- D) Acute Myeloid Leukemia

Correct Answer : Option A

87. A patient is admitted with a diagnosis of Acute Infective Endocarditis. Which clinical manifestation is a classic immunologically-mediated microvascular finding seen on the pads of the fingers or toes?

- A) Janeway lesions
- B) Roth spots
- C) Splinter hemorrhages
- D) Osler's nodes

Correct Answer : Option D

88. While caring for a patient with advanced Multiple Sclerosis, the nurse notes the development of scanning speech, intention tremors, and nystagmus. These findings collectively represent pathological damage to which region of the central nervous system?

- A) Cerebellum
- B) Cortical ganglia
- C) Frontal motor cortex
- D) Occipital cortex

Correct Answer : Option A

89. A patient presents with acute epigastric pain radiating to the back, accompanied by nausea and vomiting. Laboratory tests reveal markedly elevated serum amylase and lipase levels. What condition do these findings support?

- A) Acute appendicitis
- B) Acute cholecystitis
- C) Acute pancreatitis
- D) Peptic ulcer perforation

Correct Answer : Option C

- 90.** While monitoring a patient on the first postoperative day following an abdominal surgery, the nurse notes a sudden evisceration of the surgical wound. What should be the immediate nursing action?
- A) Carefully push the protruding organs back into the abdominal cavity
 - B) Cover the protruding organs with sterile dressings moistened with sterile normal saline
 - C) Apply a tight abdominal binder over the incision site
 - D) Place the patient in a high Fowler's position immediately

Correct Answer : Option B

- 91.** During the immediate postoperative recovery phase following a total thyroidectomy, the nurse notes that the patient develops muscle twitching, positive Chvostek's sign, and laryngeal stridor. Which electrolyte imbalance is responsible?
- A) Hypovolemia
 - B) Hypokalemia
 - C) Hyponatremia
 - D) Hypocalcemia

Correct Answer : Option D

- 92.** What is the primary purpose of executing deep breathing and coughing exercises every 2 hours for a postoperative patient who underwent general anesthesia?
- A) To decrease the incidence of deep vein thrombosis
 - B) To prevent atelectasis and hypostatic pneumonia
 - C) To reduce the demand for postoperative narcotic analgesics
 - D) To stimulate early return of gastrointestinal peristalsis

Correct Answer : Option B

- 93.** A patient returns from surgery with a chest tube connected to a three-chamber water-seal drainage system. The nurse notes continuous, vigorous bubbling in the water-seal chamber. How should this observation be interpreted?
- A) There is an active air leak somewhere
 - B) This is a normal finding indicating lung re-expansion
 - C) The suction pressure settings are dangerously high
 - D) The drainage tube is completely occluded by a clot

Correct Answer : Option A

- 94.** Which type of intestinal obstruction occurs when a segment of the bowel telescopes into an adjacent segment?
- A) Intussusception

- B) Volvulus
- C) Herniation
- D) Paralytic ileus

Correct Answer : Option A

- 95.** A patient is scheduled for an emergency appendectomy. Which pre-operative nursing intervention is strictly contraindicated for this patient?
- A) Maintaining NPO status
 - B) Administering prescribed pre-operative antibiotics
 - C) Securing intravenous access for fluid resuscitation
 - D) Applying a warm heating pad to the right lower quadrant to relieve pain

Correct Answer : Option D

- 96.** While evaluating a patient who is in the post-anesthesia care unit following general anesthesia, which clinical sign indicates a rare, life-threatening crisis known as malignant hyperthermia?
- A) Sudden drop in core body temperature and bradycardia
 - B) Sudden onset of an widespread maculopapular rash
 - C) Profound respiratory depression and generalized flaccidity
 - D) Rapid rise in end-tidal carbon dioxide levels, and hyperpyrexia

Correct Answer : Option D

- 97.** A patient is diagnosed with acute cholecystitis and is scheduled for a cholecystectomy. Which clinical sign is elicited by assessing sharp pain during deep inspiration while palpating the right subcostal area?
- A) McBurney's sign
 - B) Murphy's sign
 - C) Cullen's sign
 - D) Turner's sign

Correct Answer : Option B

- 98.** What is the standard positioning strategy for a patient during the first 24 hours following a right-sided pneumonectomy?
- A) Positioned on the right side or back
 - B) Turned onto the left side exclusively
 - C) Trendelenburg position to improve cerebral perfusion
 - D) Flat supine with no head elevation

Correct Answer : Option A

- 99.** A patient is undergoing pre-operative preparation for a colon resection. What is the primary purpose of administering oral neomycin or erythromycin to this patient prior to surgery?
- A) To treat an active systemic bloodstream infection
 - B) To minimizing the risk of postoperative peritonitis
 - C) To accelerate gastric emptying time
 - D) To prevent the development of deep vein thrombosis

Correct Answer : Option B

- 100.** While assessing a patient following an open reduction and internal fixation (ORIF) of a fractured femur, the nurse notes severe pain unalleviated by opioids, pain with passive stretching, pulselessness, and pallor. What surgical emergency is developing?
- A) Compartment syndrome
 - B) Osteomyelitis
 - C) Fat embolism syndrome
 - D) Deep vein thrombosis

Correct Answer : Option A

- 101.** A patient with Chronic Obstructive Pulmonary Disease is prescribed low-flow oxygen therapy. What is the physiological rationale for avoiding high concentrations of oxygen in this patient?
- A) High oxygen levels suppress the hypoxic drive to breathe
 - B) High oxygen levels can cause alveolar collapse
 - C) Oxygen toxicity damages the mucosal lining of the trachea
 - D) It increases the risk of metabolic acidosis

Correct Answer : Option A

- 102.** A patient is diagnosed with Diabetic Ketoacidosis (DKA). Which breathing pattern is typically observed as a compensatory mechanism for metabolic acidosis?
- A) Apneustic breathing
 - B) Cheyne-Stokes respirations
 - C) Biot's respirations
 - D) Kussmaul respirations

Correct Answer : Option D

- 103.** Which type of myocardial infarction is characteristically identified by a new, pathological Q wave on a 12-lead electrocardiogram (ECG)?
- A) Transmural (STEMI) myocardial infarction
 - B) Non-ST-segment elevation myocardial infarction (NSTEMI)
 - C) Subendocardial ischemia
 - D) Transient coronary artery vasospasm

Correct Answer : Option A

104. A patient with chronic kidney disease (CKD) presents with a serum potassium level of 6.8 mEq/L. Which medication should the nurse anticipate administering first to protect the myocardium from dangerous arrhythmias?

- A) Sodium polystyrene sulfonate
- B) Furosemide
- C) Regular insulin with 50% dextrose
- D) Calcium gluconate

Correct Answer : Option D

105. While monitoring a patient who has liver cirrhosis and advanced portal hypertension, which assessment finding requires the most immediate emergency intervention?

- A) Prominent abdominal veins
- B) Coffee-ground emesis
- C) Bilateral pitting lower extremity edema
- D) Asterixis

Correct Answer : Option B

106. A patient is admitted with a diagnosis of acute Guillain-Barré Syndrome. Which clinical assessment parameter is most critical for the nurse to monitor closely?

- A) Vital capacity and respiratory rate
- B) Deep tendon reflexes in the lower extremities
- C) Cranial nerve VII function
- D) Serum sodium levels

Correct Answer : Option A

107. What is the classic clinical triad of symptoms indicative of a patient suffering from advanced Parkinson's disease?

- A) Tremor, rigidity, and bradykinesia
- B) Ataxia, nystagmus, and intentional tremors
- C) Spasticity, hemiparesis, and aphasia
- D) Headache, vomiting, and papilledema

Correct Answer : Option A

108. A patient is diagnosed with Addison's disease. Which electrolyte profile is most characteristic of an Addisonian crisis?

- A) Hyponatremia and hypokalemia
- B) Hypokalemia and hypocalcemia
- C) Hypercalcemia and hyponatremia

D) Hyponatremia and hyperkalemia

Correct Answer : Option D

109. Which type of primary generalized seizure is characterized by a sudden, brief cessation of motor activity and a blank stare, most commonly observed in children?

- A) Tonic-clonic seizure
- B) Myoclonic seizure
- C) Petit mal seizure
- D) Atonic seizure

Correct Answer : Option C

110. A patient with a history of deep vein thrombosis (DVT) suddenly develops sharp chest pain, tachycardia, and severe dyspnea. What complication should the nurse immediately suspect?

- A) Acute pulmonary embolism
- B) Myocardial infarction
- C) Spontaneous pneumothorax
- D) Pleural effusion

Correct Answer : Option A

111. What is the drug of choice for treating a patient with diabetes insipidus who presents with severe polyuria and polydipsia?

- A) Desmopressin
- B) Furosemide
- C) Regular insulin
- D) Spironolactone

Correct Answer : Option A

112. A patient is recovering from a lumbar laminectomy. When turning this patient in bed, which method must the nurse use to protect the spinal alignment?

- A) Logrolling the patient as a single unit using a turn sheet
- B) Turning the upper body first, then the lower body
- C) Assisting the patient to a sitting position before turning
- D) Having the patient pull themselves over using the side rails

Correct Answer : Option A

113. Who is considered the ultimate unit of service in Community Health Nursing?

- A) The individual
- B) The village council

- c) The community groups
- d) The family

Correct Answer : Option D

- 114.** The constant, habitual presence of a specific disease or infectious agent within a defined geographic area or population group is termed as:
- A) Endemic
 - B) Epidemic
 - c) Pandemic
 - D) Sporadic

Correct Answer : Option A

- 115.** What is the primary target population for services provided at a Sub-Center under rural health schemes in India?
- A) 1,000 population
 - B) 3,000 to 5,000 population
 - c) 20,000 to 30,000 population
 - D) 100,000 population

Correct Answer : Option B

- 116.** What is the standard storage temperature range required for maintaining vaccines under the cold chain system?
- A) -20°C to -40°C
 - B) -8°C to 0°C
 - c) +2°C to +8°C
 - D) +15°C to +25°C

Correct Answer : Option C

- 117.** The number of new cases of a specific disease developing in a defined population during a specific period is known as the:
- A) Incidence rate
 - B) Prevalence rate
 - c) Mortality rate
 - D) Attack rate

Correct Answer : Option A

- 118.** Which vector is primarily responsible for transmitting Dengue fever to humans?
- A) Anopheles mosquito
 - B) Culex mosquito

- c) Aedes aegypti mosquito
- d) Mansonia mosquito

Correct Answer : Option C

119. Oral Rehydration Salts (ORS) formula recommended by WHO contains which of the following combinations?

- A) Sodium chloride, Glucose, Potassium chloride, Trisodium citrate
- B) Calcium chloride, Sucrose, Sodium bicarbonate, Magnesium sulfate
- c) Sodium chloride, Fructose, Calcium carbonate, Zinc sulfate
- d) Potassium chloride, Lactose, Sodium citrate, Iron sulphate

Correct Answer : Option A

120. Which historical occupational lung disease is caused by the chronic inhalation of fine crystalline silica dust, commonly affecting workers in stone crushing, mining, and sandblasting industries?

- A) Asbestosis
- B) Bagassosis
- c) Byssinosis
- d) Silicosis

Correct Answer : Option D

121. Which contraceptive method acts primarily by preventing implantation and altering cervical mucus through a localized foreign-body reaction?

- A) Oral contraceptive pills
- B) Tubectomy
- c) Condoms
- d) Intrauterine Device

Correct Answer : Option D

122. What indicator is widely accepted as the most sensitive index for evaluating a community's overall health status and socioeconomic development?

- A) Maternal Mortality Ratio (MMR)
- B) Cause-specific death rate (CSDR)
- c) Crude Birth Rate (CBR)
- d) Infant Mortality Rate (IMR)

Correct Answer : Option D

123. Under the National Vector Borne Disease Control Programme (NVBDCP), what is the definitive drug of choice used for radical treatment of Vivax malaria to prevent clinical relapses?

- A) Primaquine
- B) Chloroquine only
- C) Artesunate
- D) Quinine sulphate

Correct Answer : Option A

124. What type of immunity is acquired by an individual following a natural infection from a disease-causing pathogen?

- A) Active artificial immunity
- B) Passive natural immunity
- C) Active natural immunity
- D) Passive artificial immunity

Correct Answer : Option C

125. Which of the following is the primary chemical agent used for the disinfection of drinking water pools or large public wells?

- A) Potassium permanganate
- B) Bleaching powder
- C) Formalin Solution
- D) Copper sulphate

Correct Answer : Option B

126. The structural triad of epidemiology includes which three interactive components?

- A) Doctor, Nurse, Patient
- B) Input, Process, Output
- C) Agent, Host, Environment
- D) Diagnosis, Treatment, Prognosis

Correct Answer : Option C

127. Who is the frontline community health worker under the National Health Mission scheme acting as a bridge between the community and public health systems?

- A) Accredited Social Health Activist (ASHA)
- B) Anganwadi Worker (AWW)
- C) Auxiliary Nurse Midwife (ANM)
- D) Lady Health Visitor (LHV)

Correct Answer : Option A

- 128.** What is the standard incubation period of the rabies virus following a typical animal bite wound?
- A) 1 to 2 days
 - B) 1 to 3 months
 - C) exactly 24 hours
 - D) 5 to 10 years

Correct Answer : Option B

- 129.** Which screening method is recommended for the early detection of cervical cancer at the community outreach health camp level?
- A) Mammography
 - B) Pelvic ultrasound scans
 - C) Complete blood counts and urine analysis
 - D) Visual Inspection with Acetic Acid

Correct Answer : Option D

- 130.** What is the fundamental goal of tertiary prevention within a community setting?
- A) Eradicating a disease source before it impacts hosts
 - B) Minimizing residual disabilities
 - C) Routine screening of asymptomatic populations
 - D) Implementing environmental legislation

Correct Answer : Option B

- 131.** The presence of 'Koplik's spots' on the buccal mucosa is a pathognomonic diagnostic sign for which communicable viral disease?
- A) Varicella
 - B) Rubella
 - C) Rubeola
 - D) Variola

Correct Answer : Option C

- 132.** Which biological index is used to measure the level of fecal contamination in a community's municipal drinking water supply?
- A) Coliform count
 - B) Total dissolved solids (TDS) count
 - C) Dissolved oxygen levels
 - D) Biochemical oxygen demand (BOD) index

Correct Answer : Option A

- 133.** What is the drug of choice for preventing and managing seizures in a patient diagnosed with severe eclampsia?
- A) Diazepam
 - B) Phenytoin
 - C) Magnesium sulfate
 - D) Labetalol

Correct Answer : Option C

- 134.** While monitoring a fetal heart rate tracing, the nurse notes early decelerations. How should the nurse interpret this finding?
- A) Uteroplacental insufficiency requiring emergency oxygen delivery
 - B) Umbilical cord compression requiring position changes
 - C) Head compression during contractions requiring no action
 - D) Maternal hypotension following epidural placement

Correct Answer : Option C

- 135.** A multigravida patient at 38 weeks of gestation is diagnosed with a complete abruptio placentae. Which clinical manifestation should the nurse anticipate?
- A) Painless, soft, non-tender uterus
 - B) Subnormal body temperature
 - C) Increased fetal movement
 - D) Severe abdominal pain accompanied by a rigid, board-like uterus

Correct Answer : Option D

- 136.** What is the specific clinical rationale for administering Rho(D) immune globulin to an Rh-negative mother within 72 hours of delivering an Rh-positive infant?
- A) To prevent active antibody production in the mother protecting future pregnancies
 - B) To treat existing hemolytic disease in the newborn infant
 - C) To stimulate early uterine involution and minimize postpartum hemorrhage
 - D) To boost the neonatal passive immunity barrier

Correct Answer : Option A

- 137.** When evaluating a postpartum patient 4 hours after a normal vaginal delivery, the nurse notes that the fundus is boggy and displaced to the right side of the umbilicus. What is the initial nursing action?
- A) Assist the patient to empty her bladder, then re-evaluate the fundus
 - B) Administer an immediate dose of oxytocin, then re-evaluate the fundus
 - C) Perform vigorous fundal massage for 30 minutes continuous

D) Place the patient in a prone position, then re-evaluate the fundus

Correct Answer : Option A

138. A patient is diagnosed with an unruptured ectopic pregnancy in the fallopian tube. Which systemic medication should the nurse anticipate administering to terminate the pregnancy conservatively?

- A) Mifepristone
- B) Methotrexate
- C) Oxytocin
- D) Misoprostol

Correct Answer : Option B

139. Which of the following parameters constitutes a positive, definitive diagnostic sign of pregnancy rather than a presumptive or probable sign?

- A) Positive serum hCG pregnancy test
- B) Amenorrhea and morning sickness
- C) Auscultation of fetal heart tones
- D) Hegar's sign and Chadwick's sign changes

Correct Answer : Option C

140. A woman tracking her menstrual cycle wants to know when ovulation typically occurs. In a standard 28-day cycle, on which day does ovulation usually take place?

- A) Day 7
- B) Day 10
- C) Day 14
- D) Day 21

Correct Answer : Option C

141. What is the primary clinical definition of Primary Postpartum Hemorrhage (PPH) following a vaginal delivery?

- A) Estimated blood loss of more than 200 mL within the first 24 hours of delivery
- B) Blood loss exceeding 500 mL within the first 24 hours of delivery
- C) Blood loss exceeding 1000 mL occurring 48 hours postpartum
- D) Persistent trickling of lochia rubra for 6 consecutive days

Correct Answer : Option B

142. What is the clinical name for the structural sign elicited when a healthcare provider visualizes a softening of the lower uterine segment during an early pelvic examination around 6–8 weeks of gestation?

- A) Goodell's sign

- B) Ladin's sign
- C) Chadwick's sign
- D) Hegar's sign

Correct Answer : Option D

- 143.** Which medication is strictly contraindicated for a patient with postpartum hemorrhage who has a history of severe gestational hypertension?
- A) Oxytocin
 - B) Misoprostol
 - C) Carboprost tromethamine
 - D) Methylergonovine

Correct Answer : Option D

- 144.** A nurse instructs a prenatal group about the physiological changes of pregnancy. What causes the characteristic purplish-blue discoloration of the cervix and vaginal mucosa?
- A) Localized bacterial infection of the transformation zone
 - B) Ischemic atrophy of the lower uterine segment
 - C) Hypertrophy of the cervical mucus glands
 - D) Hyperemia induced by estrogen

Correct Answer : Option D

- 145.** A pregnant woman at 34 weeks of gestation presents to the triage unit with painless, bright red vaginal bleeding. Which condition should the nurse suspect first?
- A) Abruptio placentae
 - B) Placenta previa
 - C) Ectopic pregnancy
 - D) Molar pregnancy

Correct Answer : Option B

- 146.** What is considered the definitive clinical sign marking the onset of the second stage of labour?
- A) Complete cervical effacement
 - B) Full dilation of the cervix to 10 cm
 - C) Rupture of the amniotic membranes
 - D) Appearance of the fetal head at the introitus

Correct Answer : Option B

- 147.** Which congenital gastrointestinal defect is characterized by a structural malformation where the abdominal contents herniate through the umbilical ring, covered safely by a peritoneal sac?

- A) Gastroschisis
- B) Diaphragmatic hernia
- C) Umbilical hernia
- D) Omphalocele

Correct Answer : Option D

148. A 2-year-old child is admitted with a diagnosis of acute Laryngotracheobronchitis. Which clinical manifestation is characteristic of this condition?

- A) High-pitched expiratory wheeze
- B) Intermittent silent apneic episodes
- C) Productive cough with thick purulent sputum
- D) Barking, brassy cough and inspiratory stridor

Correct Answer : Option D

149. What is the primary clinical feature of a child suffering from Kwashiorkor that distinguishes it from Marasmus?

- A) Severe muscle wasting
- B) Prominent ribs and alert appearance
- C) Absence of subcutaneous fat
- D) Generalized edema

Correct Answer : Option D

150. A child with Hirschsprung's disease is being prepared for surgery. Which type of stool pattern is classically reported by parents during the history assessment?

- A) Fatty, foul-smelling stools
- B) Ribbon-like, foul-smelling stools
- C) Stools containing bright red blood and mucus
- D) Frequent watery liquid green, foul-smelling stools

Correct Answer : Option B

151. What is the drug of choice for closing a hemodynamically significant Patent Ductus Arteriosus in a premature infant without surgical intervention?

- A) Indomethacin
- B) Alprostadil
- C) Digoxin
- D) Furosemide

Correct Answer : Option A

152. At what age does a normally developing child typically double their baseline birth weight?

- A) 2 to 3 months
- B) 5 to 6 months
- C) 10 to 12 months
- D) 1.5 - 2 years

Correct Answer : Option B

153. While performing a developmental screen on an 18-month-old toddler, which behaviour indicates a normal milestone achievement?

- A) Speaks in complete 5-word sentences
- B) Walks independently
- C) Ties shoelaces independently
- D) Builds a tower of 10 blocks without dropping

Correct Answer : Option B

154. According to psychosocial development theories outlined by Jean Piaget, which stage of cognitive development matches a child between the ages of 2 and 7 years old?

- A) Sensorimotor stage
- B) Preoperational stage
- C) Concrete operational stage
- D) Formal operational stage

Correct Answer : Option B

155. What is the correct clinical technique used to evaluate a young child for the presence of Kernig's sign, indicating meningeal irritation?

- A) Flexing the child's neck forward, observing for involuntary flexion of the hips and knees
- B) Flexing the hip and knee to 90 degrees, then attempting to extend the knee
- C) Tapping the facial nerve anterior to the ear, observing for muscle twitching
- D) Compressing the calf muscle, noting sharp localized plantar flexion pain

Correct Answer : Option B

156. To prevent the development of physiological neural adaptations associated with ophthalmia neonatorum, which ophthalmic ointment is universally administered to newborns immediately after birth?

- A) Hydrocortisone 1% ophthalmic ointment
- B) Erythromycin 0.5% ophthalmic ointment
- C) Nystatin drops
- D) Atropine solution

Correct Answer : Option B

- 157.** A 6-week-old male infant is brought to the clinic due to a history of forceful, non-bilious projectile vomiting immediately following each feeding. On examination, the infant is hungry, dehydrated, and an olive-shaped mass is palpable in the epigastrium. What condition is present?
- A) Gastroesophageal reflux disease (GERD)
 - B) Intussusception
 - C) Hirschsprung's disease
 - D) Hypertrophic Pyloric Stenosis

Correct Answer : Option D

- 158.** At what age does the anterior fontanelle of a normally developing infant typically close completely?
- A) 2 to 3 months
 - B) 6 to 8 months
 - C) 12 to 18 months
 - D) 24 to 30 months

Correct Answer : Option C

- 159.** A child has a primary diagnosis of Celiac Disease. Which food item must be strictly eliminated from this child's daily menu layout?
- A) Boiled rice corn products
 - B) Gluten products
 - C) Pasteurized milk shakes
 - D) Fresh citrus fruit juices

Correct Answer : Option B

- 160.** According to the current Immunization Schedule in India, at what age should the first dose of Measles-Rubella (MR) vaccine be administered?
- A) At birth
 - B) 6 weeks of age
 - C) 9 to 12 months of age
 - D) 15 to 18 months of age

Correct Answer : Option C

- 161.** Which developmental milestone is typically achieved by a normally developing 8-month-old infant?
- A) Walking without support
 - B) Sitting steadily without support
 - C) Saying 3-4 meaningful words
 - D) Building a tower of three blocks

Correct Answer : Option B

162. A child is diagnosed with Tetralogy of Fallot. Which four congenital heart defects characterize this condition?

- A) ASD, VSD, Pulmonary stenosis, Left ventricular hypertrophy
- B) VSD, Overriding aorta, Pulmonary stenosis, Right ventricular hypertrophy
- C) PDA, Coarctation of aorta, VSD, Mitral stenosis
- D) ASD, Transposition of great vessels, VSD, Right ventricular hypertrophy

Correct Answer : Option B

163. A patient diagnosed with schizophrenia believes that the news anchor on television is broadcasting secret personal messages directed specifically at them. What type of delusion is this?

- A) Delusion of grandeur
- B) Delusion of persecution
- C) Delusion of reference
- D) Somatic delusion

Correct Answer : Option C

164. A patient is brought to the emergency department with suspected Heroin Overdose. Which clinical triad of symptoms should the nurse anticipate finding?

- A) Mydriasis, tachycardia, and hypertension
- B) Respiratory depression, miosis, and coma
- C) Hyperreflexia, hyperpyrexia, and generalized seizures
- D) Agitation, visual hallucinations, and tremors

Correct Answer : Option B

165. Which of the following conditions is a life-threatening, idiopathic adverse reaction to antipsychotic medications characterized by hyperpyrexia, severe muscle rigidity, autonomic instability, and altered consciousness?

- A) Akathisia
- B) Neuroleptic Malignant Syndrome
- C) Tardive Dyskinesia
- D) Acute dystonic reaction

Correct Answer : Option B

166. A patient is admitted to the psychiatric unit with a diagnosis of Major Depressive Disorder. What is the priority nursing intervention during the initial 48 hours of admission?

- A) Encouraging group therapy attendance
- B) Assessing for suicidal ideation and implementing appropriate safety precautions

- c) Teaching effective coping strategies for depressive states
- d) Organizing a structured daily activity schedule and monitoring

Correct Answer : Option B

- 167.** A patient with an alcohol use disorder is admitted to the medical ward. The nurse should monitor the patient for alcohol withdrawal delirium (delirium tremens). Within what timeframe after the last drink do these severe symptoms typically manifest?
- A) 4 to 6 hours
 - B) 12 to 24 hours
 - C) 48 to 72 hours
 - D) 1 week later

Correct Answer : Option C

- 168.** Which psychiatric condition is characterized by the intentional production of physical or psychological symptoms solely to assume the 'sick role', without any obvious external incentives or secondary gains (such as financial reward)?
- A) Malingering
 - B) Factitious Disorder
 - C) Illness Anxiety Disorder
 - D) Conversion Disorder

Correct Answer : Option B

- 169.** A female patient who was recently assaulted is completely unable to recall any details surrounding the event, although her memory for other personal details remains intact. Which defense mechanism is operating?
- A) Denial
 - B) Repression
 - C) Regression
 - D) Regression

Correct Answer : Option B

- 170.** An adolescent patient is diagnosed with Anorexia Nervosa. Which clinical finding is considered a hallmark criteria indicating severe physiological compromise?
- A) Hyperactive bowel sounds
 - B) Amenorrhea and bradycardia
 - C) Elevated blood pressure readings
 - D) Hyperkalemia and metabolic alkalosis

Correct Answer : Option B

- 171.** What is the clinical drug of choice used to establish aversive conditioning in a patient motivated to maintain sobriety from chronic alcoholism?
- A) Lorazepam
 - B) Disulfiram
 - C) Methadone
 - D) Naltrexone

Correct Answer : Option B

- 172.** A patient presents with a persistent, unrealistic fear of being in open public spaces or situations where escape might be difficult or help unavailable. This is termed:
- A) Social phobia
 - B) Agoraphobia
 - C) Acrophobia
 - D) Claustrophobia

Correct Answer : Option B

- 173.** Which extrapyramidal side effect is characterized by a subjective feeling of inner restlessness and a compelling need to remain in constant motion?
- A) Akathisia
 - B) Pseudoparkinsonism
 - C) Tardive dyskinesia
 - D) Dystonia

Correct Answer : Option A

- 174.** A patient on an inpatient psychiatric unit wash their hands 30 to 40 times a day, causing skin breakdown. What is the most appropriate initial nursing action?
- A) Prevent the patient from using the sink to break the ritual
 - B) Gradually structuring alternative coping strategies to minimize anxiety
 - C) Administer an immediate dose of an antipsychotic medication
 - D) Explain to the patient that their behaviour is illogical and harmful

Correct Answer : Option B

- 175.** A patient is prescribed Tranylcypromine, a Monoamine Oxidase Inhibitor (MAOI), for treatment-resistant depression. Which dietary restriction must the nurse explicitly teach the patient to avoid a hypertensive crisis?
- A) Avoiding foods high in gluten
 - B) Avoiding foods high in tyramine
 - C) Limiting total fluid intake to 1 litre per day
 - D) Restricting intake of green leafy vegetables high in Vitamin K

Correct Answer : Option B

- 176.** What is the classic term used to describe a chronic memory disorder caused by a severe deficiency of thiamine?
- A) Alzheimer's disease dementia
 - B) Wernicke-Korsakoff Syndrome
 - C) Huntington's disease chorea
 - D) Vascular neurocognitive decline

Correct Answer : Option B

- 177.** What type of assessment is executed at the very beginning of a course to evaluate the entry-level knowledge, skills, and prerequisite behaviours of learners?
- A) Summative evaluation
 - B) Formative evaluation
 - C) Diagnostic evaluation
 - D) Objective aptitude tracking

Correct Answer : Option C

- 178.** Which audio-visual aid is classified as a three-dimensional, scalable representation of a real object used when the actual clinical object is too complex or unavailable?
- A) Overhead transparent slide projection
 - B) Flashcard sequence panel
 - C) Chalkboard graphic diagram
 - D) Model simulation aid

Correct Answer : Option D

- 179.** Which teaching strategy involves an intensive, detailed analysis of a real-world clinical scenario or a specific patient case history to develop critical thinking and problem-solving skills?
- A) Direct lecture instruction method
 - B) Case Study
 - C) Programmed instruction workbook
 - D) Rote memorization drilling

Correct Answer : Option B

- 180.** What does the 'Validity' of an educational examination tool measure?
- A) The consistency and stability with which the test measures content over multiple iterations
 - B) The degree to which the examination tool actually measures what it is intended to measure
 - C) The ease with which the exam can be scored by different independent examiners

D) The total number of items included in the test framework

Correct Answer : Option B

181. Which domains of educational objectives, according to Bloom's Taxonomy, primarily deals with attitudes, values, and emotional developments?

- A) Cognitive domain
- B) Psychomotor domain
- C) Affective domain
- D) Behavioural domain

Correct Answer : Option C

182. What type of evaluation focuses on determining the final effectiveness of an entire educational course or curriculum program?

- A) Continuous ongoing placement tracking
- B) Diagnostic screening evaluation
- C) Formative evaluation
- D) Summative evaluation

Correct Answer : Option D

183. What tracks the capability of a test question to effectively differentiate between students who performed well on the overall examination and those who performed poorly?

- A) Item Discrimination Index
- B) Reliability index coefficient
- C) Validity verification index
- D) Central distribution mean variance

Correct Answer : Option A

184. In curriculum development, what does the term 'Horizontal Organization' refer to?

- A) Grouping content logically from basic to advance across successive years of a program
- B) Integrating and linking learning experiences within the same year of study
- C) Eliminating low-performing instructional tracks
- D) Aligning educational goals with national licensing boards exclusively

Correct Answer : Option B

185. What is the primary characteristic of a 'Criterion-Referenced Assessment' tool?

- A) It compares a student's performance score against the performance of their peer cohort
- B) It focuses exclusively on qualitative portfolio reviews
- C) It grades students along a standard bell-shaped curve distribution matrix
- D) It measures a student's performance against a pre-determined fixed standard

Correct Answer : Option D

- 186.** Which system serves as the apex national statutory body regulating the uniform standards of nursing education and professional registration training across India?
- A) State Nursing Councils (SNC)
 - B) Indian Nursing Council (INC)
 - C) National Medical Council (NMC)
 - D) University Grants Commission (UGC)

Correct Answer : Option B

- 187.** Which leadership style is characterized by a leader who involves staff in decision-making processes, values team input, and delegates authority while retaining final responsibility?
- A) Autocratic
 - B) Bureaucratic
 - C) Democratic
 - D) Laissez-faire

Correct Answer : Option C

- 188.** In material management and inventory control within a hospital, what does the 'VED' analysis stand for?
- A) Valuable, Essential, Despicable
 - B) Volume, Economic, Demand
 - C) Verified, Evaluated, Distributed
 - D) Vital, Essential, Desirable

Correct Answer : Option D

- 189.** Which classic management function involves matching institutional human resources to specific workloads, recruiting qualified staff, and planning professional training activities?
- A) Controlling
 - B) Directing
 - C) Organizing
 - D) Staffing

Correct Answer : Option D

- 190.** What organizational chart structure establishes a clear, uninterrupted line of authority extending from the highest administrative executive down to the lowest rank operational staff?
- A) Matrix management pattern
 - B) Functional committee array
 - C) Flat decentralized pattern

- D) Scalar chain structure

Correct Answer : Option D

191. In performance appraisal systems, what error is committed when an administrative supervisor allows a single positive trait or recent outstanding achievement of an employee to color and overly elevate their entire evaluation rating across all unrelated performance areas?

- A) Central Tendency error
- B) Halo Effect error
- C) Leniency error
- D) Horns Effect error

Correct Answer : Option B

192. What is the primary purpose of executing a 'Nursing Audit' in a hospital setting?

- A) To prepare financial balance sheets for insurance audits
- B) To cut departmental operational budgets to optimal level
- C) To track the shift attendance metrics of staff nurses
- D) To systematically review and evaluate the quality of clinical nursing

Correct Answer : Option D

193. Which administrative principle states that an employee should receive orders from and be accountable to only one direct supervisor?

- A) Division of labour
- B) Span of control
- C) Centralization matrix
- D) Unity of command

Correct Answer : Option D

194. What management concept describes the maximum number of subordinates that a single nursing supervisor can effectively manage, direct, and monitor?

- A) Chain of command
- B) Span of control
- C) Scalar distribution path
- D) Unity of direction indicator

Correct Answer : Option B

195. What type of error is committed in a research study when the investigator rejects a true null hypothesis?

- A) Type I error
- B) Type II error
- C) Sampling error
- D) Berksonian error

Correct Answer : Option A

196. Which qualitative research approach is specifically designed to study, document, and analyse the shared cultural patterns, beliefs, and behaviours of a specific group of people through prolonged participant observation?

- A) Ethnography
- B) Grounded Theory
- C) Phenomenology
- D) Historical analysis design

Correct Answer : Option A

197. What is the term used to describe the consistency, stability, and repeatability of a research instrument or data collection tool over time?

- A) Validity
- B) Reliability
- C) Objectivity
- D) Sensitivity

Correct Answer : Option B

198. If a researcher selects a sample by picking every 10th individual from a complete sequential list of the target population after a random starting point, what type of sampling design is being used?

- A) Stratified random sampling
- B) Cluster sampling
- C) Systematic random sampling
- D) Quota sampling

Correct Answer : Option C

199. Which measure of central tendency represents the exact statistical midpoint of a distribution?

- A) Mean
- B) Median
- C) Mode
- D) Range

Correct Answer : Option B

200. A researcher wants to determine if there is a statistically significant association between smoking status [yes/no] and lung cancer status [yes/no]. Which statistical test is most appropriate?

- A) Paired t-test
- B) Pearson's r correlation
- C) Chi-square test(χ^2)
- D) One-way ANOVA (F)

Correct Answer : Option C