PGIMER Nursing Officer Memory Based Paper Held on 18th Nov 2026

Q1. Pulse pressure is calculated by which formula?
(a) Diastolic BP – Systolic BP
(b) Systolic BP – Diastolic BP
(c) Systolic BP + Diastolic BP
(d) Mean arterial pressure – Diastolic BP
Ans.(b)

Q2. An arterial blood gas report shows pH 7.25, $PaCO_2$ 38 mmHg and HCO_3^- 16 mEq/L. How should this condition be interpreted?
(a) Respiratory acidosis
(b) Metabolic acidosis
(c) Respiratory alkalosis
(d) Metabolic alkalosis
Ans.(b)

Q3. A patient receiving intravenous chemotherapy develops pain, swelling and burning at the infusion site. What complication should the nurse suspect?
(a) Extravasation
(b) Phlebitis only
(c) Fluid overload
(d) Hypoglycaemia
Ans.(a)

Q4. Which cranial nerve is responsible for hearing and equilibrium?
(a) Trigeminal nerve
(b) Facial nerve
(c) Vestibulocochlear nerve
(d) Glossopharyngeal nerve
Ans.(c)

Q5. One French gauge (Fr) is equivalent to approximately how many millimetres of catheter external diameter?
(a) 0.33 mm
(b) 1 mm
(c) 2 mm
(d) 3 mm
Ans.(a)

Q6. According to WHO recommendations, what is the recommended duration for handwashing with soap and water?
(a) 5–10 seconds
(b) 10–20 seconds
(c) 40–60 seconds
(d) 2–3 minutes
Ans.(c)

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Q7. A patient with acute myocardial infarction develops symptomatic sinus bradycardia with hypotension. Which medication is recommended as the initial pharmacological intervention?
(a) Atropine
(b) Adenosine
(c) Verapamil
(d) Digoxin
Ans.(a)

Q8. Gastric lavage is contraindicated in which of the following situations?
(a) Selected life-threatening recent drug ingestion with protected airway
(b) Recent ingestion of a potentially toxic substance under specialist assessment
(c) Ingestion of a strong corrosive substance
(d) Selected severe poisoning cases under medical supervision
Ans.(c)

Q9. Which of the following activities is NOT performed during the Sign Out phase of the WHO Surgical Safety Checklist?
(a) Confirmation of instrument and sponge counts
(b) Labelling of surgical specimens
(c) Review of equipment-related problems
(d) Confirmation of patient identity before anaesthesia
Ans.(d)

Q10. Which clinical finding is most characteristic of portal hypertension in a patient with liver cirrhosis?
(a) Ascites
(b) Polyuria
(c) Hypoglycaemia alone
(d) Bradycardia
Ans.(a)

Q11. A child has a height significantly below the third percentile for age and sex. This finding is classified as:
(a) Wasting
(b) Stunting
(c) Underweight
(d) Obesity
Ans.(b)

Q12. A patient is brought to the emergency department with extensive thermal burns. What is the priority initial management?
(a) Apply topical antibiotic cream
(b) Assess and maintain airway
(c) Calculate nutritional requirements
(d) Perform wound debridement
Ans.(b)

Q13. Which drug is used as the specific reversal agent for warfarin-associated anticoagulation?
(a) Protamine sulfate
(b) Vitamin K
(c) Naloxone
(d) Atropine
Ans.(b)

Q14. Which statement regarding hepatitis B and Haemophilus influenzae type b (Hib) vaccination in the Indian Universal Immunization Programme is correct?
(a) Hepatitis B birth dose is given within 24 hours; Hib is included in pentavalent vaccine
(b) Both vaccines are given only at 9 months
(c) Hib vaccine is routinely given at birth
(d) Hepatitis B vaccine is given only after 5 years
Ans.(a)

Q15. Which position is recommended for measuring central venous pressure (CVP) using a conventional water manometer?
(a) Prone position
(b) Supine position
(c) Trendelenburg position
(d) Lithotomy position
Ans.(b)

Q16. Which anatomical structure is divided during a conventional lower midline abdominal surgical incision?
(a) Rectus abdominis muscle
(b) Linea alba
(c) External oblique muscle
(d) Transversus abdominis muscle
Ans.(b)

Q17. According to Maslow's hierarchy of needs, which category has the highest priority in nursing care?
(a) Self-esteem needs
(b) Love and belongingness
(c) Physiological needs
(d) Self-actualization needs
Ans.(c)

Q18. An occurrence of disease cases clearly exceeding the normally expected frequency in a particular community or geographical area is termed:
(a) Endemic
(b) Sporadic
(c) Epidemic
(d) Pandemic
Ans.(c)

Q19. During cardiac auscultation, where is the mitral valve area best heard?
(a) Second right intercostal space, parasternal line
(b) Second left intercostal space, parasternal line
(c) Fourth left intercostal space, parasternal line
(d) Fifth left intercostal space, midclavicular line
Ans.(d)

Q20. Epidemiology is primarily defined as the study of:
(a) Treatment of individual patients only
(b) Distribution and determinants of health-related states in specified populations
(c) Surgical management of communicable diseases
(d) Pharmacological treatment of chronic diseases
Ans.(b)

Q21. A patient receiving total parenteral nutrition (TPN) develops a random blood glucose level of 400 mg/dL. What is the most appropriate immediate nursing action?
(a) Increase the TPN infusion rate
(b) Assess the patient, verify the glucose result and promptly inform the treating team
(c) Administer insulin without a prescription
(d) Discontinue all nutritional support permanently
Ans.(b)

Q22. While administering ear drops to a 4-year-old child, how should the pinna be positioned?
(a) Downward and backward
(b) Upward and backward
(c) Straight outward
(d) Downward and forward
Ans.(b)

Q23. Which anatomical structure lies posterior to the thyroid gland and is particularly important during thyroidectomy?
(a) Parathyroid glands
(b) Submandibular glands
(c) Pituitary gland
(d) Thymus gland
Ans.(a)

Q24. Ballottement during obstetric examination is primarily associated with which finding?
(a) Floating of the fetus following a gentle impulse
(b) Detection of fetal heart sounds
(c) Assessment of cervical dilatation
(d) Identification of placental separation
Ans.(a)

Q25. Bivalent Oral Polio Vaccine (bOPV) provides protection against which poliovirus serotypes?
(a) Types 1 and 2
(b) Types 2 and 3
(c) Types 1 and 3
(d) Types 1, 2 and 3
Ans.(c)

Q26. During normal labour, which is the correct sequence of the cardinal movements of the fetal head?
(a) Engagement → Descent → Flexion → Internal rotation → Extension → Restitution → External rotation → Expulsion
(b) Flexion → Engagement → Extension → Descent → Expulsion
(c) Descent → Extension → Flexion → Engagement → Internal rotation
(d) Engagement → Extension → Flexion → External rotation → Expulsion
Ans.(a)

Q27. Which of the following drug–antidote pairs is incorrectly matched?
(a) Heparin – Protamine sulfate
(b) Warfarin – Vitamin K
(c) Opioids – Naloxone
(d) Magnesium sulfate – Atropine
Ans.(d)

Q28. Which clinical feature best differentiates bulimia nervosa from anorexia nervosa?
(a) Recurrent binge eating followed by compensatory behaviour
(b) Persistent restriction of food intake only
(c) Absence of concern about body weight
(d) Consistent severe underweight in every patient
Ans.(a)

Q29. Which type of play is most characteristic of children aged 2–3 years?
(a) Solitary play
(b) Cooperative play
(c) Competitive team play
(d) Organized rule-based play
Ans.(a)

Q30. Which organ is responsible for the production of bile?
(a) Gallbladder
(b) Liver
(c) Pancreas
(d) Duodenum
Ans.(b)

Q31. A pregnant woman receiving magnesium sulfate for severe pre-eclampsia develops absent deep tendon reflexes, respiratory depression and oliguria. What is the immediate intervention?
(a) Increase magnesium infusion
(b) Administer calcium gluconate IV
(c) Administer potassium chloride IV
(d) Administer sodium bicarbonate IV
Ans.(b)

Q32. Which principle should be followed while cleaning high-risk areas in a hospital?
(a) Clean from dirty areas towards clean areas
(b) Clean from clean areas towards dirty areas
(c) Use the same cleaning cloth for all areas
(d) Clean only when visible dirt is present
Ans.(b)

Q33. During chest tube assessment, continuous bubbling is observed in the water-seal chamber. What does this finding most commonly indicate?
(a) Normal lung expansion
(b) Air leak in the drainage system
(c) Complete lung re-expansion
(d) Obstruction of the drainage tube
Ans.(b)

Q34. Which vitamin should NOT be routinely administered in high doses during pregnancy because excessive intake may cause fetal malformations?
(a) Vitamin A
(b) Folic acid
(c) Vitamin B12
(d) Vitamin C
Ans.(a)

Q35. What is the full form of APGAR in neonatal assessment?
(a) Appearance, Pulse, Grimace, Activity, Respiration
(b) Assessment, Pulse, Growth, Activity, Reflex
(c) Appearance, Pressure, Grimace, Action, Respiration
(d) Activity, Pulse, Gestation, Appearance, Reflex
Ans.(a)

Q36. During chest tube insertion for pneumothorax, which anatomical location is commonly used?
(a) Second intercostal space, parasternal line
(b) Fourth or fifth intercostal space, anterior to mid-axillary line
(c) Seventh intercostal space, posterior scapular line
(d) First intercostal space, mid-clavicular line
Ans.(b)

Q37. Which laboratory test is routinely used to monitor unfractionated heparin therapy?
(a) Prothrombin time (PT)
(b) Activated partial thromboplastin time (aPTT)
(c) Bleeding time
(d) Thrombin time only
Ans.(b)

Q38. The National Health Mission (NHM) of India comprises which two major sub-missions?
(a) NRHM and NUHM
(b) NTEP and NPCDCS
(c) ICDS and UIP
(d) RCH and NPCBVI
Ans.(a)

Q39. What is the recommended immediate first-aid measure for a patient bitten by a venomous snake?
(a) Apply a tight tourniquet above the bite
(b) Incise and suck the wound
(c) Immobilize the affected limb and arrange urgent medical care
(d) Apply ice directly over the bite
Ans.(c)

Q40. A patient develops chills, fever and back pain during a blood transfusion. What is the nurse's immediate action?
(a) Slow the transfusion rate
(b) Stop the blood transfusion immediately
(c) Administer an antipyretic and continue transfusion
(d) Flush the blood administration set with dextrose
Ans.(b)

Q41. During the WHO Surgical Safety Checklist, which activity is performed during the Time Out phase?
(a) Confirmation of patient identity
(b) Verification of surgical site marking
(c) Team introduction and confirmation of procedure
(d) Confirmation of instrument and sponge counts
Ans.(c)

Q42. Which statement regarding trachoma elimination in India is correct?
(a) India eliminated trachoma as a public health problem in 2015
(b) WHO validated India's elimination of trachoma as a public health problem in 2024
(c) Trachoma is caused by a virus
(d) Trachoma primarily affects the middle ear
Ans.(b)

Q43. According to the paediatric endotracheal tube sizing rule, what is the approximate internal diameter of an uncuffed ETT for a 4-year-old child?
(a) 3 mm
(b) 4 mm
(c) 5 mm
(d) 6 mm
Ans.(c)

Q44. Under the Medical Termination of Pregnancy (Amendment) Act, 2021, termination of pregnancy up to 20 weeks of gestation generally requires the opinion of how many registered medical practitioners?
(a) One
(b) Two
(c) Three
(d) Four
Ans.(a)

Q45. Which laboratory finding is most characteristic of nephrotic syndrome?
(a) Massive proteinuria with hypoalbuminaemia
(b) Severe haematuria with hypertension only
(c) Hyperalbuminaemia with oliguria
(d) Reduced urinary protein with hyperalbuminaemia
Ans.(a)

Q46. Gross Domestic Product (GDP) refers to which of the following?
(a) Total income earned by citizens worldwide
(b) Total monetary value of final goods and services produced within a country's borders during a specified period
(c) Total government expenditure on healthcare
(d) Total value of imported goods and services
Ans.(b)

Q47. Which position is generally recommended for a patient experiencing low intracranial pressure associated with post-dural puncture headache?
(a) High Fowler's position
(b) Supine position
(c) Trendelenburg position
(d) Prone position
Ans.(b)

Q48. A patient develops severe haemorrhage following trauma. Which intervention is the priority in the initial management of haemorrhagic shock?
(a) Administration of oral fluids
(b) Control of bleeding and rapid circulatory resuscitation
(c) Administration of diuretics
(d) Immediate administration of antihypertensive drugs
Ans.(b)

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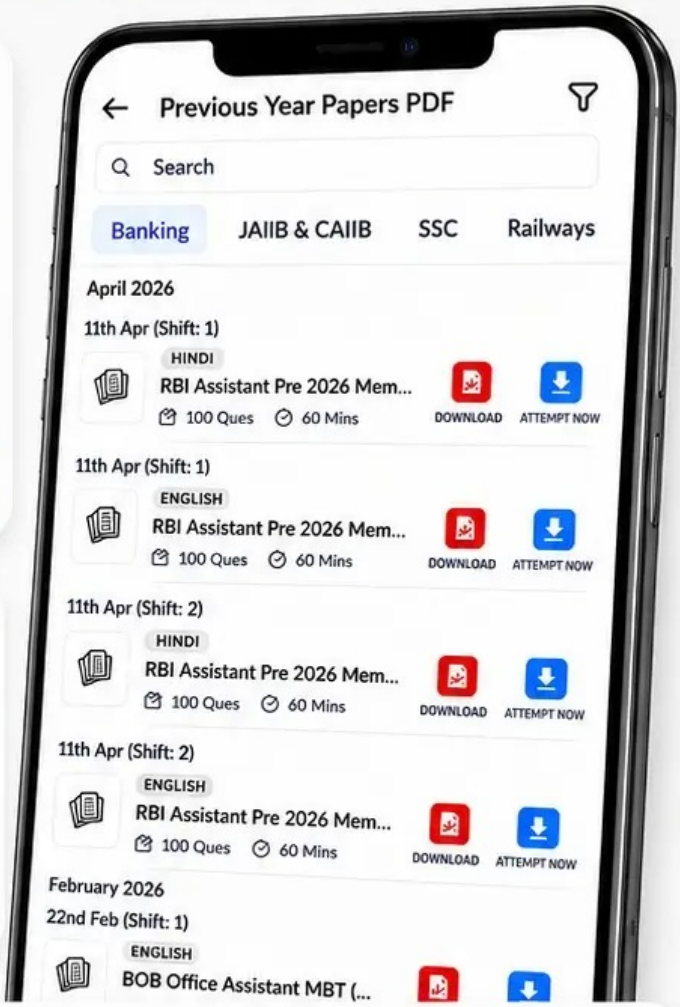
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Q49. Which of the following is NOT a component of Tetralogy of Fallot?
(a) Pulmonary stenosis
(b) Ventricular septal defect
(c) Overriding aorta
(d) Atrial septal defect
Ans.(d)

Q50. Which position should generally be avoided during airway suctioning in a patient with raised intracranial pressure?
(a) Head elevated approximately 30 degrees
(b) Neutral head and neck alignment
(c) Trendelenburg position
(d) Appropriate semi-Fowler's position
Ans.(c)