

# MIZORAM PUBLIC SERVICE COMMISSION

## TECHNICAL COMPETITIVE EXAMINATIONS FOR RECRUITMENT TO LECTURER (MEDICAL SURGICAL NURSING) UNDER HEALTH & FAMILY WELFARE DEPARTMENT, JANUARY, 2017.

### MEDICAL SURGICAL NURSING PAPER - I

Time Allowed : 2 hours

Full Marks : 200

*All questions carry equal marks of 2 each.*

*Attempt all questions.*

1. Among the following, which one is considered as “Intentional Tort”?
  - (a) Malpractice
  - (b) Negligence
  - (c) Battery
  - (d) Failure to obtain consent
2. A professional nurse who failed to meet the standards of care that resulted in harm to the patient. The nurse will be charged of \_\_\_\_\_
  - (a) Battery
  - (b) Malpractice
  - (c) Negligence
  - (d) Felony
3. “Informed Consent” is obtained from the client who undergoes a Cardiac Surgery. This aspect of nursing care deals with \_\_\_\_
  - (a) Legal Issue
  - (b) Ethical Issue
  - (c) Medico-ethical
  - (d) Medico-legal
4. Among the following, which one of the course recently introduced by INC?
  - (a) Nurse Practitioner Midwifery
  - (b) Nurse Practitioner Forensic Nurse
  - (c) Nurse Specialist Intensive Care
  - (d) Nurse Practitioner Critical Care
5. The activities involved in withdrawing life saving measures to the client in vegetative state is an characteristic example of \_\_\_\_
  - (a) Passive Euthanasia
  - (b) Active Euthanasia
  - (c) Ethical Dilemma
  - (d) Violation of Human Rights
6. “Tactile Freumitus” is the examination method performed in \_\_\_\_\_
  - (a) Hand
  - (b) Foot
  - (c) Chest
  - (d) Abdomen
7. The chest abnormality “Funnel chest” that look like “Sunken “is called as
  - (a) Pectus excavatum
  - (b) Pectus carinatum
  - (c) Pigeon Chest
  - (d) Pectus Kyposis
8. Pulsus paradoxus is a characteristic sign of \_\_\_\_\_
  - (a) Cardiac failure
  - (b) Cardiogenic shock
  - (c) Cardiac Tamponade
  - (d) Cor pulmonale

9. Digital Rectal Examination is performed in men primary to assess \_\_\_\_\_
- (a) Rectum (b) Anus  
(c) Hemorrhoid (d) Prostrate
10. The primary test is performed to confirm the presence of CSF in Ear discharge is \_\_\_\_\_
- (a) Culture and Sensitivity (b) Protein test  
(c) Glucose test (d) Elissa
11. Kussumel's respiration is the characteristic manifestation of \_\_\_\_\_
- (a) Respiratory Acidosis (b) Metabolic Alkalosis  
(c) Hepatic encephalopathy (d) Diabetic Ketoacidosis
12. The Hb1 Ac ( Glycosylated Hb) test estimates \_\_\_\_\_
- (a) 90 days average Sugar level (b) 90 day average Hb level  
(c) 60 days average RBC level (d) 60 days average Vit c Level
13. Before performing the Thoracentesis, \_\_\_\_\_ assessment is important .
- (a) Auscultating lung sounds for crepitus (b) Palpating Intercostal spaces for abnormality  
(c) Percussion of Intercostal spaces (d) Inspecting Respiratory pattern
14. The presence of hemoperitonium and discoloration of abdomen indicates \_\_\_\_\_
- (a) Acute Appendicitis (b) Acute Pancreatitis  
(c) Peritonitis (d) Acute abdomen
15. A flat, non palpable, colored lesion which is less than 2 cm diameter is known as \_\_\_\_
- (a) Plaque (b) Papule  
(c) Comedo (d) Macule
16. The client is suffering from Anterior septal MI, the abnormal ECG changes are expected in \_\_\_\_\_ leads
- (a) V1-V4 (b) I,II,V5-V6  
(c) aVF, III (d) aVR,V4-V6
17. In ECG, PR segment represents \_\_\_\_\_
- (a) Atrial Repolarization  
(b) Atrial Depolarization  
(c) Time taken for impulse to travel from Atria to Purkinje Fibres  
(d) Time taken for impulse to travel from SA node to AV node
18. Holtar Monitoring is related to \_\_\_\_\_
- (a) Hemodynamic Monitoring (b) CVP Monitoring  
(c) ICP Monitoring (d) ECG Monitoring
19. The color of the Lead that applied in Left Chest while recording Continuous ECG that represents Left Arm is \_\_\_\_\_
- (a) Yellow (b) Black  
(c) Red (d) Green
20. \_\_\_\_\_ test is contra indicated for client who had undergone ORIF for compound fracture
- (a) Contrast CT (b) Contrast MRI  
(c) Contrast coronary Angiography (d) CT guided Bone Biopsy

21. Among the following, which patient should be given top priority to provide Nursing care?
- (a) 70 year stroke patient who is risk of injury
  - (b) 35 year old women who undergone mastectomy who complaints of Body image
  - (c) 50 year old man suffering from Urinary retention
  - (d) 10 year old boy suffering form diarrhea
22. The care of terminally ill client at an “Institution” by specialized professionals to meet the needs of End of Life care is Known as \_\_\_\_\_
- (a) Hospice care
  - (b) Ambulatory care
  - (c) Palliative care
  - (d) Institutional care
23. Among the following, what are the cranial nerves that tested together?
- (a) I, II and III
  - (b) III, IV and VI
  - (c) VIII, IX and XII
  - (d) V, VI and VIII
24. The Mini Mental Status Examination (MMSE) is performed primarily to assess \_\_\_\_\_
- (a) Cognitive impairment
  - (b) Thought impairment
  - (c) Perceptual Impairment
  - (d) Emotional Impairment
25. Among the following, which one is the type of Contact Tonometer uses application of weight to flatten cornea?
- (a) Goldman
  - (b) Schiotz
  - (c) Perkins
  - (d) Burkins
26. Among the following, which type of hernia increases the risk of GERD or Relex Oesophagitis?
- (a) Hiatus Hernia
  - (b) Umbilical Hernia
  - (c) Diaphragmatic Hernia
  - (d) Incisional Hernia
27. Dumping syndrome is a complication of \_\_\_\_\_
- (a) Diaphragmatic Hernia
  - (b) Appendectomy
  - (c) Pancreatectomy
  - (d) Gastrectomy
28. Pernious anaemia is a clinical features of \_\_\_\_\_
- (a) Stomach Cancer
  - (b) Acute Gastritis
  - (c) Cholecystitis
  - (d) Pancreatic Cancer
29. What is the important Nursing measure to be performed for a client who receives feeding through intestinal tube (Cantor tube)?
- (a) Advance the tube by facilitating gravity and peristalsis at specified intervals
  - (b) Avoid frequent oral care
  - (c) Irrigate the tube with 0.9% NS before each feed
  - (d) Provide Ice chips or water to advance the tube
30. The best measure to reduce scrotal swelling and pain followed by herniorraphy surgery is
- (a) Elevate the scrotum and place ice intermittently
  - (b) Apply snug binder in abdomen
  - (c) Avoid weight lifting and strenuous exercise
  - (d) Place a pillow between legs
31. What is the priority assessment before giving feeding through Gastrostomy tube for a client who undergone partial esophageal resection?
- (a) Check the position of the tube by aspiration
  - (b) Check the patency of the tube
  - (c) Checking the Bowel sounds
  - (d) Checking the type of feed

32. Fistula is a complication commonly associated with \_\_\_\_\_  
(a) Hemorrhoids (b) Appendicitis  
(c) Chronic Diarrhea (d) Crohn's Disease
33. The visible peristaltic movements is a characteristic sign of \_\_\_\_\_  
(a) Intussusception (b) Umbilical Hernia  
(c) Ulcerative colitis (d) Irritable Bowel Syndrome
34. The ACID BASE imbalance that expected in a client who has continuous Ryle's tube Lavage is  
(a) Keto acidosis (b) Metabolic Acidosis  
(c) Metabolic Alkalosis (d) Keto alkalosis
35. Among the following, which one factor predisposes the client to intestinal perforation?  
(a) Highly irritable diet (b) Typhoid fever  
(c) Intestinal parasites (d) Strangulated hernia
36. Among the following ostomies, which one type has highest risk of bile leakage surrounding the stoma that predisposes Skin excoriation?  
(a) Ileostomy (b) Ascending colostomy  
(c) Transverse colostomy (d) Desending colostomy
37. Acute complication of Appendectomy is \_\_\_\_\_  
(a) Small Bowel obstruction (b) Diveriticulosis  
(c) Intestinal spasms (d) Paralytic ileus
38. Among the following, which one is the priority intervention for a client with Peritonitis?  
(a) Gastric aspiration (b) Fluid balance  
(c) Pain management (d) Gastric gavage
39. The commonest cause of ankle edema in liver failure patient is \_\_\_\_\_  
(a) Hypoalbuminemia (b) Hyperlipidemia  
(c) Massive Proteinuria (d) Elevated ammonia
40. Oesophageal varices is a complication associated with \_\_\_\_\_  
(a) Hepatitis (b) Systemic Hypertention  
(c) Oesophageal Hernia (d) Portal Hypertension
41. Biot's Respiration is a characteristic manifestation of \_\_\_\_\_  
(a) CSF leakage (b) Dysfunction of Hypothalamus  
(c) Increases ICP (d) Increased MAP
42. Kernig's sign and Brudzinski sign are elicited due to \_\_\_\_\_  
(a) Menigeal tear (b) Meningeal irritation  
(c) Meningeal edema (d) Meningeal fistula
43. Halo's sign is characteristic sign that reveal \_\_\_\_\_  
(a) Presence of blood in CSF (b) Presence of CSF in Blood  
(c) Presence of CSF in dressing material (d) Presence of blood in dressing material

44. Among the following, which position has to be avoided for client suffering from increased Intra Cranial Pressure?
- (a) Head Midline (b) Head turned to one side  
(c) Neck in neutral position (d) Head of bed elevated to 30 degrees
45. Among the following, which intervention is most appropriate to decrease Increased Intra Cranial Pressure?
- (a) Maintaining Hyperthermia (b) Maintaining fluid balance  
(c) Hyperventilation (d) Helminch maneuver
46. The clinical feature of spinal shock followed by spinal cord injury is \_\_\_\_\_
- (a) Hyperreflexia (b) Positive reflexes  
(c) Reflex emptying of the bladder (d) Inability to elicit a Babinski's reflex
47. The Nurse places the personal items of the hemiplegic patient at affected side as part of rehabilitation. This action is suggestive of \_\_\_\_\_ problem identified by Nurse while performing assessment.
- (a) Unilateral neglect (b) Impaired Physical Mobility  
(c) Activity Intolerance (d) Hemiparesis
48. Mr.X is admitted in Emergency Unit with the complaints of severe muscle weakness requires intubation. The history of the client reveals he is taking neostigmine for last 30 days. The type of crisis the client experiences is \_\_\_\_\_
- (a) Adrenergic crisis (b) Parkinson's crisis  
(c) Myasthenia crisis (d) Hypertensive crisis
49. The client is applied of cervical tongs for cervical injury in emergency department. What action that nurse should avoid while caring a client?
- (a) Use of Rotorest bed  
(b) Removing weights to reposition the client  
(c) Assessing the weights for integrity  
(d) Compare the ordered traction with amount in use
50. What instruction is most appropriate in patient with trigeminal neuralgia to prevent triggering the pain?
- (a) Drink iced foods (b) Avoid oral hygiene  
(c) Apply warm compresses (d) Chew on the unaffected side
51. The priority nursing intervention is a client after Bronchoscopy procedure for "Suspected malignancy" is \_\_\_\_\_
- (a) Assessment Blood gas and SaO<sub>2</sub>.  
(b) Assessment the speech and voice.  
(c) Assessment the site for internal bleeding.  
(d) Send tissue specimen to the lab immediately for Biopsy.
52. The client was admitted in recovery unit after tonsillectomy. What type of changes in behavior of the patient that the Nurse should report to the surgeon immediately?
- (a) Frequent complaints of thirst (b) Frequent complaints of headache  
(c) Frequent complaints of pain while swallowing (d) Frequent complaints of swallowing of saliva

53. Peak Expiratory Flow Rate (PEFR) is an objective assessment that is done to identify the prognosis of \_\_\_\_\_ client.
- (a) Asthma (b) Pneumonia  
(c) Mechanically ventilated (d) Pneumothorax
54. The patient is choking due to suspected foreign body in upper airway. The maneuver that is performed immediately is \_\_\_\_\_
- (a) Murphy Maneuver (b) Epley maneuver  
(c) Heimlich maneuver (d) Semont maneuver
55. Among the following, which one is NOT the commonest cause of Hospital Acquired Pneumonia?
- (a) Staphylococcus aureus (b) Pseudomonus aeruginosa  
(c) Klebisiella pnemoniae (d) Hemophilis Influenza
56. Flail chest is refers to \_\_\_\_\_
- (a) On expiration Fractured rib segment bulges out  
(b) On inspiration Fractured rib segment bulges out  
(c) On expiration Fracture rib segment sucked in  
(d) Abnormal cavitation of chest
57. Among the following, which one delivery system can deliver high concentration Oxygen?
- (a) Partial rebreather mask (b) Venturi Mask  
(c) Non rebreather mask (d) Simple mask
58. Postural drainage is commonly performed on \_\_\_\_\_ client.
- (a) Pleural effusion (b) Pulmonary edema  
(c) COPD (d) Corpulmonale
59. Among the following clients, who is at the high risk of developing pulmonary embolism?
- (a) Client who had pelvic fracture (b) Client who received Aminophyline  
(c) Client who had mechanically ventilated (d) Client who had lobectomy surgery
60. The best assessment that helps to identify the lung expansion following the placement Intercostal drainage(water seal drainage) for a client who is suffering from Pnemothorax is \_\_\_\_\_
- (a) Movement of fluid in chest tube while inspiration and expiration  
(b) Presence of few air bubbles in water seal  
(c) Chest X-ray  
(d) Bilateral air entry in auscultation
61. An adult has had a total laryngectomy. The nurse is discussing options for verbal communication with the client. Which statement indicates the client understands the available options for verbal communication?
- (a) "Because of the arthritis in my hands, I think the voice button method would be easiest to use."  
(b) "By the time I leave the hospital, I will be able to talk."  
(c) "If I use the esophageal speech, my voice will be high pitched and soft."  
(d) "Using an artificial larynx will make me sound sort of monotone".

62. The nurse is checking tuberculin skin test results at a health clinic. One client has an area of induration measuring 12 mm in diameter. What does this finding indicate?
- (a) This finding is a normal reading.
  - (b) This finding indicates active TB.
  - (c) This is a positive reaction and can indicate exposure to TB.
  - (d) This client needs to come back in two more days and let the nurse look at the area of induration again.
63. Theophylline ethylnediamide is administered to a client with COPD to \_\_\_\_\_
- (a) Reduce bronchial secretions
  - (b) Relax bronchial smooth muscle
  - (c) Decrease alveolar elasticity
  - (d) Decrease ventilation-perfusion mismatch
64. The patient is asked to breathe his expired air through a reservoir bag. This type of intervention is prescribed for a client with \_\_\_\_\_
- (a) Corpulmonale
  - (b) Pulmonary edema
  - (c) Atelectasis
  - (d) Alkalosis
65. ABG results shows – PH- 7.50, PaO<sub>2</sub>-80, PaCO<sub>2</sub>-50, Bi carbonate-30. This report suggestive of
- (a) Compensated respiratory alkalosis
  - (b) Compensated respiratory acidosis
  - (c) Compensated metabolic acidosis
  - (d) Compensated metabolic alkalosis
66. The client is admitted in intensive care with following features – Potassium 6 mEq/L, peaked t waves in ECG and known history of Heart failure. What is the first prescription physician may order to correct electrolyte balance?
- (a) 5mcg/kg/min Dopamine in NS
  - (b) Pottasium chloride in 5% DNS
  - (c) 12 units of insulin in 25% glucose
  - (d) Digoxin in 0.9% NS
67. Renin –Angiotensin-Aldosterone mechanism that occurs due to \_\_\_\_\_
- (a) Heart block
  - (b) Hypertension
  - (c) Liver Failure
  - (d) Renal failure
68. The tendelenberg position increases \_\_\_\_\_. Thus, this position is used cautiously in patient who had MI with Shock.
- (a) Preload
  - (b) Afterload
  - (c) Contractility
  - (d) Heart rate
69. The cardiac marker is most likely to be tested for a client who had a history of suspected Myocardial Ischemia 2 weeks back.
- (a) CK-MB
  - (b) CK
  - (c) Myoglobin
  - (d) Troponin I
70. Roth Spots, Oscler Nodes, Splinter Hemmorrhages are associated with \_\_\_\_\_
- (a) Rhematic arthritis
  - (b) Osteoid Arthritis
  - (c) Corpulmonale
  - (d) Infective endocarditis
71. Which of the following measure would be most appropriate while caring skeletal traction patient for fracture femur?
- (a) Maintaining client in supine position
  - (b) Removing weights temporarily while repositioning patient
  - (c) Inspect the pin site every 8 hours
  - (d) Maintaining foot in planter flexion

72. The plan of care for a client with hypertension taking propranolol would include \_\_\_
- (a) Instruct the client to discontinue the drug if vomiting occurs
  - (b) Instruct the client to notify the physician of irregular and slow heart rate
  - (c) Monitor PTT every week
  - (d) Monitor BP and adjust the medication accordingly
73. The commonest side effect of Gentamycin is \_\_\_\_\_
- (a) Ascitis
  - (b) Confusion
  - (c) Cardiac dysrhythmias
  - (d) Ototoxicity
74. Among the following, which one of the symptom is not typically associated with Peripheral Artery Disease?
- (a) Cool Skin
  - (b) Decreased pulse or absence of pulse
  - (c) Ankle edema
  - (d) Intermittent claudication
75. Among the following, which nursing intervention would be *most appropriate* to promote circulation for a client with Peripheral Artery occlusive disease?
- (a) Regular walking exercise
  - (b) Keep the extremities elevated slightly
  - (c) Warm compress
  - (d) Massage calf muscles if pain occurs
76. The triad of Symptoms –Drop in Blood Pressure, Increase in JVP and Muffled heart sounds are the clinical features of \_\_\_\_\_
- (a) Cardiac Shock
  - (b) Cardiac tamponade
  - (c) Cardiac failure
  - (d) Aortic aneurysms
77. The type of intervention that nurse may use to treat the gangrene formation of a client who had open fracture with deeper wounds.
- (a) Elevate the affected limb and dry heat application
  - (b) Wound care using only betadine and Normal saline
  - (c) Wound care using only  $KMNO_4$  and Normal saline
  - (d) Wound care using only  $H_2O_2$  and Normal saline
78. Which one act as a “counter traction” when skeletal traction is applied at lower limb for Hip fracture?
- (a) Patient body weight
  - (b) External Weights applied
  - (c) Pulley and wire
  - (d) Hip joint in which steinmann pin is applied
79. The fracture that occurred due to extreme ligament pull is called as \_\_\_\_\_
- (a) Complex fracture
  - (b) Greenstick fracture
  - (c) Comminuted fracture
  - (d) Avulsion fracture
80. The position that commonly advised to the client who had undergone Total Hip Replacement is
- (a) Abduction of hip
  - (b) Adduction of hip
  - (c) Flexion of hip
  - (d) Extension of hip
81. Among the following crutch gaits, which one is considered as Non- weight bearing gait?
- (a) 4 point gait
  - (b) 3 point gait
  - (c) 2 point gait
  - (d) Swing through gait



82. As part of rehabilitation to a client who had undergone below knee amputation, the stump bandage is applied using elastic material . The main purpose of this bandage is to \_\_\_\_\_
- (a) Reduce edema (b) Facilitate wound healing  
(c) Facilitate prostheses application (d) Reduce or arrest bleeding
83. The drug of choice used to treat Gout all, EXCEPT
- (a) Colchicine (b) Allopurinol  
(c) Probenecid (d) Thiazides
84. What is the appropriate infusion time for the dialysate in a patient receiving peritoneal dialysis?
- (a) 15 minutes (b) 30 minutes  
(c) 1 hour (d) 2 to 3 hours
85. The drug that commonly causes aplastic anemia is :
- (a) Prednisolone (b) Penicillin  
(c) Monocycline (d) Chloramphenicol
86. Hemolysis is seen in the deficiency of :
- (a) Vit –A (b) Vit -C  
(c) Vit –D (d) Vit –K
- 87 . The primary presenting features of acute glomerulonephritis are :
- (a) Decreased urine specific gravity & Polyuria. (b) Hematuria & Proteinuria  
(c) Increased BUN & serum Creatinine level (d) Azotemia & oliguria
88. The most accurate laboratory test for renal function is :
- (a) Blood urea nitrogen (b) Urinalysis  
(c) Creatinine clearance (d) Serum Creatinine
89. Which of the following disorders results from a deficiency of factor VIII?
- (a) Sickle cell disease (b) Christmas disease  
(c) Hemophilia A (d) Hemophilia B
90. Which of the following cells is the precursor to the red blood cell (RBC)?
- (a) B cell (b) Macrophage  
(c) Stem cell (d) T cell
91. The primary purpose of the Schilling test is to measure the client's ability to:
- (a) Store vitamin B12 (b) Digest vitamin B12  
(c) Absorb vitamin B12 (d) Produce vitamin B12
92. Which type of Urinary Incontinence is characterized by loss of small amounts of urine when intra-abdominal pressure increases?
- (a) Reflex (b) Stress  
(c) Overflow (d) Urge
93. The nurse is checking the post-void residual urine measurement in a patient, how much residual urine would indicate that further tests are needed?
- (a) Less than 50 mL (b) Less than 100 mL  
(c) 50 mL or more (d) 100 mL or more

94. The \_\_\_\_\_ (applying pressure over the symphysis pubis with the fingers of one or both hands) may promote complete bladder emptying.
- (a) Crede method
  - (b) Valsalva maneuver
  - (c) Neurogenic bladder
  - (d) Urinary catheterization
95. Drugs with \_\_\_\_\_ effects may cause urinary retention.
- (a) Cholinergic
  - (b) Anticholinergic
  - (c) Diuretics
  - (d) Urinary Analgesics
96. A twenty-seven year-old woman complains of heavy menstrual periods, ease of bruising and excessive bleeding following a dental procedure. She has a normal platelet count, normal PT, but slightly prolonged aPTT. Which of the following, test that will most likely make the diagnosis:
- (a) Ristocetin cofactor
  - (b) Factor VII assay
  - (c) Test for anticardiolipin antibodies
  - (d) All of the above.
97. Which of the following hormone is not responsible for sodium and water regulation in the body?
- (a) Atrial natriuretic peptide
  - (b) Aldosterone
  - (c) ADH
  - (d) Angiotensin H
98. The maximum amount of a substance that is reabsorbed back into the body from the kidney tubules is called
- (a) Tubular secretion
  - (b) Pinocytosis
  - (c) Renal threshold
  - (d) Tubular reabsorption
99. The dynamic process through which the body maintains balance by constantly adjusting to internal and external stimuli is called
- (a) Permeability
  - (b) Adaptation
  - (c) Homeostasis
  - (d) Active transport
100. Mr. Jones is complaining of difficulty urinating. A urine specimen obtained from this patient reveals the following information: voided quantity, 100 cc; color, amber; pH, 6.4; specific gravity, 1.035; and no blood, bacteria, or albumin present. Based on this information, conclude that Mr. Jones most likely has which of the following conditions?
- (a) Fluid overload
  - (b) Chronic renal failure
  - (c) Kidney infection
  - (d) Dehydration

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