WRITTEN TEST FOR THE POST OF STAFF NURSE – A

Date: 28.11.2010
Time: 9.30 A.M
Duration: 90 Minutes
Total Marks: 80

QUESTION PAPER

1. Percentage of oxygen delivered by use of a non-rebreathing mask with a flow rate of 10 litres /minute is:
   a. 20 – 35
   b. 35 – 50
   c. 50 – 60
   d. 90 – 95

2. Simple or typical febrile seizures occur in:
   a. Infants below 3 months of age
   b. 3 months – 5 years
   c. 3 years – 8 years
   d. Preadolescents

3. The dilution of adrenaline used in neonatal resuscitation is:
   a. 1:10
   b. 1:100
   c. 1:1000
   d. 1:10000

4. Injection sodium bicarbonate should not be mixed with
   a. Normal saline
   b. 5% dextrose
   c. Calcium gluconate
   d. Ringer lactate
5. Weight and Length of a normal full term baby, with birth weight of 3 kg at one year of age, are expected to be:
   a. 7 kg and 70 cm
   b. 9 kg and 75 cm
   c. 12 kg and 80 cm
   d. 12 kg and 85 cm

6. Using a placebo for pain control in a certain case without the patient's consent is:
   a. justified and ethical
   b. justified but unethical
   c. deceptive but ethical
   d. deceptive and unethical

7. Which of the following can be used for applying moist heat?
   a. Sitz bath
   b. Aqua pad
   c. Hot water bag
   d. Commercial hot pack

8. Which action is most effective in preventing wound infections?
   a. Using sterile dressings
   b. Suggesting dietary supplements
   c. Applying antibiotic ointment
   d. Observing careful hand hygiene

9. Before administering enteric coated drug through a naso-gastric tube, the nurse should first ensure:
   a. Crushing of the tablet
   b. Flushing the tube with warm water
   c. Checking for proper placement of the tube
   d. Taking the patient's vital signs

10. Maslow's hierarchy of basic human needs is useful when planning and implementing nursing care, as it provides a structure for:
    a. Making accurate nursing diagnosis
    b. Establishing priorities of care
    c. Communicating concerns more concisely
    d. Integrating science into nursing care
11. Which nursing organization was the first international organization of women nurses?
   a. The International Council of Nurses (ICN)
   b. The American Nurses Association (ANA)
   c. The National League for Nursing (NLN)
   d. The National Student Nurses’ Association (NSNA)

12. Total Parenteral Nutrition (TPN) is administered through a central vein because of:
   a. Rapid rate of infusion
   b. High volume of infusion
   c. High osmolarity of solution
   d. Easy access

13. Gas gangrene is caused by:
   a. Clostridium tetani
   b. Clostridium perfringens
   c. Clostridium difficile
   d. Anaerobic streptococci

14. Most important step in avoiding wrong site surgery is:
   a. Having a check list procedure before surgery
   b. Avoiding patients with the same name on the list
   c. Avoiding patients with same conditions in the list
   d. Having a short operation list

15. Transmission of HIV to health care workers during surgery can be prevented by:
   a. Routine screening of all patients
   b. Using "universal precautions"
   c. Avoiding surgery on HIV patients
   d. Antiretroviral prophylaxis for the health care workers

16. Accurate estimation of large burn areas is done by:
   a. “Rule of nine”
   b. Patient hand approximated to 1% total burn surface area
   c. Lund & Browder chart
   d. Calculation of Body Mass Index
17. Most common topical treatment used for burn wound, which is effective against both pseudomonas and MRSA is:
   a. Silver sulphadiazine
   b. 0.5% Silver nitrate
   c. Mafenide acetate
   d. Soframycin

18. Best and easy way to monitor resuscitation in a burn patient is:
   a. Monitoring pulse rate
   b. Monitoring blood pressure
   c. Monitoring urine output
   d. Monitoring haematocrit

19. Lucid interval is seen in
   a. Intra cerebral haemorrhage
   b. Extradural haemorrhage
   c. Acute subdural haemorrhage
   d. Chronic subdural haemorrhage

20. All the following suture materials are absorbable, EXCEPT:
   a. Polyglycolic acid (Vicryl)
   b. Chromic catgut
   c. Polypropylene (Prolene)
   d. Polydioxanone (PDS)

21. A patient with Diabetes Insipidus characteristically complains of:
   a. Fatigue
   b. Hunger
   c. Thirst
   d. Weight loss

22. The fluid preferred for initial resuscitation of a patient with hemorrhagic shock is:
   a. Ringer’s lactate
   b. Whole blood
   c. 5% dextrose
   d. Fresh frozen plasma
23. Nyctalopia and Bitot Spot are due to deficiency of:
   
   a. Vitamin A
   b. Vitamin C
   c. Vitamin D
   d. Vitamin E

24. One pint of 10% dextrose yields, how much of calories?
   
   a. 100
   b. 200
   c. 300
   d. 400

25. The thick collection of nerve fibers that connects the two hemispheres of the brain is called:
   
   a. Corpus callosum
   b. Hypothalamus
   c. Pons
   d. Brain stem

26. Guedal airway is a:
   
   a. Oropharyngeal airway
   b. Nasopharyngeal airway
   c. Laryngeal airway
   d. Tracheal airway

27. All of the following are complications of immobility, EXCEPT:
   
   a. Pneumonia
   b. Deep venous thrombosis
   c. Pressure sores
   d. Hepatic failure

28. Which of the following represents lead III of electrocardiography?
   
   a. Right leg to right arm
   b. Left leg to left arm
   c. Right leg to left arm
   d. Left leg to right arm
29. In Trendelenburg position:
   a. The foot end of the bed is elevated
   b. The head end of the bed is elevated
   c. Patient is put in decubitus position
   d. Patient is put in prone position

30. Gastric lavage should not be done in:
   a. Antipsychotic drug poisoning
   b. Corrosive poisoning
   c. Organophosphorus poisoning
   d. Organochlorine poisoning

31. Which of the following clinical nursing practices is recommended as most important to healthcare and nursing professionals today?
   a. Primary care nursing
   b. Community-based nursing
   c. Authoritative nursing
   d. Evidence-based practice

32. The oral clinical thermometer records a temperature of 102°F in a patient scheduled for surgery, but the patient is afebrile to touch. The first thing to be done by the recording nurse is to:
   a. inform the in-charge nurse
   b. inform the doctor
   c. validate the finding
   d. document the finding

33. Which route one uses to identify hypothermia in a new born?
   a. Oral
   b. Aural
   c. Rectal
   d. Surface probe

34. A known admitted cardiac patient develops dyspnea. What should the attending nurse do first before other activities?
   a. Remove pillows from under the head
   b. Keep the patient in left-side up position
   c. Elevate the foot end of the bed
   d. Keep the patient in propped-up position
35. In the critical-care pain observation tool, which facial expression has been given the score of 2?
   a. Relaxed, neutral
   b. Tense
   c. Grimacing
   d. Shouting

36. Which method of documentation uses the categories "data, action and response" (DAR) to facilitate nurse's daily charting?
   a. Narrative notes
   b. Focus charting
   c. Case management model
   d. Minimum data set

37. When implementing the plan of care for a patient receiving intravenous therapy, which nursing practice would be most appropriate?
   a. Changing the IV catheter entry site daily
   b. Changing the tubings every 8 hours
   c. Increasing the rate to catch up, if the correct amount has not been infused at the end of the shift
   d. Monitoring the flow rate once every hour

38. While administering a blood transfusion, the ideal nursing care recommended to identify a blood transfusion reaction is:
   a. Inspecting 15 minutes after the infusion is started
   b. Inspecting at the end of transfusion
   c. Inspecting once in every 30 minutes
   d. Inspecting whenever the patient complains

39. When caring for a patient with chronic lung disease on oxygen therapy by nasal canula, the most important check, that is expected of the nurse is:
   a. The oxygen must be humidified
   b. The rate will be 2 L/min or less
   c. Periodic sampling of arterial blood for ABG
   d. The rate will be 6 L/min or more
40. Which nursing action is inappropriate when performing oro-pharyngeal suctioning on a patient?
   a. Using sterile technique
   b. Applying suction as the catheter is being introduced
   c. flushing the catheter with saline between catheter insertions
   d. Limiting suction to 15 second intervals at one time.

41. Dilated pupil could result from:
   a. Structural lesions in the pons
   b. Morphine poisoning
   c. Pilocarpine eye drops instillation
   d. Brain death

42. Rest is needed in patients with coronary artery disease to:
   a. Correct arrhythmias
   b. Reduce oxygen requirements of the body
   c. Reduce the size of the heart
   d. Reduce the tendency for insomnia

43. Myasthenia gravis is a disease of:
   a. Neuromuscular junction
   b. Anterior horn cells
   c. Skeletal muscle
   d. Spinal cord

44. Parkinson's disease is characterized by the following, EXCEPT:
   a. Uniform spasticity
   b. Postural instability
   c. Tremors
   d. Bradykinesia

45. One of the following drugs cannot be used in hypertension management:
   a. Nifedipine
   b. Dopamine
   c. Propranolol
   d. Reserpine
46. The typical ECG pattern (in the appropriate leads) of Acute Myocardial Infarction:
   a. ST Depression and T Wave Inversion
   b. ST Segment Elevation
   c. Deep T Wave Inversion
   d. Right Bundle Branch Block pattern

47. One of the following drugs is used to lower blood cholesterol:
   a. Diltiazem
   b. Propranolol
   c. Frusemide
   d. Atorvastatin

48. One of the following is an antiplatelet drug:
   a. Digoxin
   b. Streptokinase
   c. Aspirin
   d. Dobutamine

49. The drug that is used to treat a cyanotic spell in a child is:
   a. Morphine
   b. Pethidine
   c. Diazepam
   d. Haloperidol

50. The supportive cells of the nervous system are:
   a. T cells
   b. Stem cells
   c. Glial cells
   d. Astrocytes

51. A 35-year old smoker with gangrene toe most probably suffers from:
   a. Thrombo-angitis obliterans
   b. Reynaud’s disease
   c. Atherosclerosis
   d. Arterio-venous fistula
52. Nursing activities shown to potentially increase intracranial pressure include:
   a. Raising the head of the bed to 30 degree
   b. Applying therapeutic touch
   c. Endo-tracheal suctioning
   d. Speaking softly

53. The treatment of mitral stenosis is:
   a. Balloon Valvotomy
   b. PTCA
   c. By-Pass Surgery
   d. Angiogram

54. One of the following is a new test used in acute chest pain:
   a. SGOT estimation
   b. Troponin T or I estimation
   c. Blood Cholesterol estimation
   d. LDH estimation

55. The nurse should expect a patient who has chronic renal failure to be given erythropoietin (Epogen) to:
   a. Elevate the WBC count
   b. Enhance the maturation of thrombocytes
   c. Increase the production of platelets
   d. Stimulate the synthesis of red blood cells

56. When teaching the care-givers of a patient who has dementia of the Alzheimer type, a nurse should stress the importance of:
   a. Increased stimuli
   b. A predictable environment
   c. Restricted activities
   d. Independent decision making

57. Which of the following blood values on the laboratory report should a nurse expect, when assessing a patient who has emphysema?
   a. PCO2 52 mm Hg
   b. pH 7.48
   c. PO2 94 mm Hg
   d. HCO3 21 mEq/2
58. Which of the following conditions would a nurse recognize as contributing to the development of respiratory acidosis?
   a. COPD
   b. Hyperventilation
   c. Diarrhea
   d. Achalasia

59. Which of the following outcomes observed by the nurse during the drain cycle of peritoneal dialysis should be reported immediately to the physician?
   a. Clear yellow output
   b. Cloudy output
   c. Patient complaint of slight cramping
   d. A drain output of 50cc less than instilled

60. Which of the following foods should be removed from the dietary tray of a patient who has hepatic encephalopathy?
   a. Idli
   b. Drumstick leaves
   c. Fresh fruit
   d. Eggs

61. Which of the following findings would a nurse identify as indicative of septic shock in a patient?
   a. Bradycardia
   b. Elevated JVP
   c. Cool, clammy skin
   d. S3 gallop

62. The nurse should instruct a patient who is to receive Digoxin (Lanoxin) to report development of which of the following side effects?
   a. Ringing in the ears
   b. Loss of appetite
   c. Signs of bruising
   d. Sensitivity to sunlight
63. Enteric fever is transmitted by:
   a. Inhalation
   b. Ingestion
   c. Inoculation
   d. insects

64. Nursing care for a patient who has polycythemia vera would focus on preventing?
   a. Dysrhythmias
   b. Hypotension
   c. Thrombosis
   d. Decubitus ulcers

65. The length of the spinal cord in an adult male is:
   a. 18 cm
   b. 45 cm
   c. 50 cm
   d. 36 cm

66. When caring for a patient who is on a mechanical ventilator, the nurse should monitor the patient for which of the following complications?
   a. Flail chest
   b. Pleural effusion
   c. Pneumothorax
   d. Pulmonary embolus

67. Broca's area controls:
   a. Sensory functions
   b. Speech
   c. Emotions
   d. Motor functions

68. Who invented the Blood grouping as A, B, O?
   a. Landsteiner
   b. John Gibbon
   c. William Harvey
   d. Robert Boucher
69. Which of the following vitamins is soluble in water?
   a. A
   b. E
   c. C
   d. D

70. How many lobes are present in Right lung?
   a. 7
   b. 2
   c. 3
   d. 9

71. Which plane divides the brain into unequal right and left portions?
   a. Frontal plane
   b. Transverse plane
   c. Mid-sagittal plane
   d. Para-sagittal plane

72. Which channels are opened during depolarization in metabolism?
   a. K +
   b. Na +
   c. Mg +
   d. Ca +

73. What is the outermost layer of heart called?
   a. Endocardium
   b. Epicardium
   c. Myocardium
   d. Pericardium

74. Cholesterol is important in the human body for:
   a. Angiogenesis
   b. Cell membrane structure
   c. Enzyme synthesis
   d. Osteogenesis
75. In the P, Q, R, S waves in E.C.G., ‘P’ wave represents?
   a. Atrial depolarisation
   b. Atrial repolarisation
   c. Ventricular depolarisation
   d. Ventricular repolarisation

76. To calculate cardiac output, heart rate is multiplied with?
   a. Stroke volume
   b. Systemic arterial pressure
   c. Pulmonary arterial pressure
   d. Circulatory volume

77. In which organ are the ‘Kupfer cells’ present?
   a. Brain
   b. Heart
   c. Liver
   d. Pancreas

78. “Gonads” means:
   a. Salivary glands
   b. Sebaceous glands
   c. Sweat glands
   d. Testis and ovaries

79. In proteins classification, class ‘A’ proteins are:
   a. Animal proteins
   b. Vegetable proteins
   c. Oil proteins
   d. Milk proteins

80. What is the scientific name of vitamin B6?
   a. Biotin
   b. Pyridoxine
   c. Nicotinic acid
   d. Thiamine
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Answer Key

Written Test on 28/11/2010-Staff Nurse-A

44 a √
45 b √
46 b √
47 d √
48 c √
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50 c √
51 a √
52 c √
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ANSWERS 61 c √
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