



SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES & TECHNOLOGY

THIRUVANANTHAPURAM—695 011, INDIA.

(An Institute of National Importance under Govt. of India)

Phone—(91)0471—2443152 Fax—(91)0471—2446433, 2550728

Email-sct@sctimst.ac.in Web site—www.sctimst.ac.in

ROLL NUMBER

WRITTEN TEST FOR THE POST OF NURSING OFFICER A TO B

DATE: 13/03/2023

TIME: 1 Hr.

DURATION: 60 MINUTES

Total Marks: 50

INSTRUCTIONS TO THE CANDIDATES

1. Write your Roll Number on the top of the Question Booklet and in the answer sheet.
2. Each question carries 1 mark.
3. There will not be any Negative Marking.
4. Write legibly the alphabet of the most appropriate answer (A, B, C or D) in the separate answer sheet provided.
5. Over-writing is not permitted.
6. Candidate should sign in the question paper and answer sheet.
7. No clarifications will be given.
8. Candidate should hand over the answer sheet and question paper to the invigilator before leaving the examination hall.

Signature of the Candidate

Purna Sreedhar
13/3/2023

CHOOSE THE MOST APPROPRIATE ANSWER

1. The dyspnoea during sleep that suddenly awakens the sleeper with a "terrifying breathing attack" is known as?
 - a. Orthopnoea
 - b. Paroxysmal nocturnal dyspnoea
 - c. Syncope
 - d. Exertional dyspnoea
2. The ECG shows changes of myocardial infarction in lead 2, 3 and aVF. It suggests the area of infarct is at?
 - a. Anterior wall
 - b. Posterior wall
 - c. Septal wall
 - d. Inferior wall
3. Which of the following is NOT a cause of aortic aneurysm?
 - a. Syphilis
 - b. Marfan syndrome
 - c. Atherosclerosis
 - d. Diabetes Insipidus
4. Rheumatic heart disease is cardiac inflammation and scarring triggered by an autoimmune reaction to infection with:
 - a. Group A Staphylococci
 - b. Group A Streptococci.
 - c. Group A Meningococci
 - d. Klebsiella
5. Clinical manifestations of Rheumatic heart disease include all of the following EXCEPT:
 - a. Congestive heart failure
 - b. Arrhythmias
 - c. Retinopathy
 - d. Valvular involvement
6. What is the normal range of Troponin I level?
 - a. 0.6 to 1.2 mg / dl

Rupa Girdhar
13/3/2023

- b. 2 to 4 mg /dl
 - c. 0 to 0.04 ng/mL
 - d. 1.5 to 3.5 ng / ml
7. When performing Cardio-pulmonary Resuscitation, which finding indicates that external chest compression is effective?
- a. Pink Mottling of the skin.
 - b. Pupil reaction
 - c. Palpable pulse
 - d. Cool, dry skin
8. NIHSS score is used to quantify:
- a. Severity of subarachnoid haemorrhage
 - b. Stroke-related neurological deficit
 - c. Seizure intensity
 - d. Bedsore severity
9. The nurse giving oxygen therapy should know that it has to be humidified because
- a. Oxygen is a hot gas that can burn trachea
 - b. Oxygen is a dry gas that can thicken the mucus
 - c. Humidification cleans the gases of bacteria
 - d. Humidification improves absorption of oxygen
10. All of the following condition places a patient at high risk for an embolic stroke EXCEPT?
- a. Atrial Fibrillation
 - b. Hypertension
 - c. Recent myocardial infarction
 - d. Rheumatic mitral stenosis
11. Which of the following values is considered normal for Intra Cranial Pressure?
- a. 0 to 15 mm Hg
 - b. 25 mm Hg
 - c. 35 to 45 mm Hg
 - d. 120/80 mm Hg
12. What is the common cause of subarachnoid haemorrhage?
- a. Infection
 - b. Infarction
 - c. Ruptured brain Aneurysm
 - d. Hypotension
13. The most frequently occurring brain tumor is
- a. Glioma
 - b. Meningioma
 - c. Neurofibroma
 - d. Pituitary adenoma

Purva Sreedhar
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14. In which of the following neurological disorder, treatment of choices includes thymectomy, plasmapheresis, ant cholinesterase inhibitors?
- Parkinsons's Disease
 - Myasthenia Gravis
 - Multiple Sclerosis
 - Encephalopathy
15. In which of the following disorder does the patient have episodes of severe, sudden, shock-like pain on one side of the face that lasts for seconds to minutes?
- Myasthenia Gravis
 - Alzheimer's Disease
 - Trigeminal Neuralgia
 - Tics disorders
16. Which of the following is the best method of opening airway when cervical vertebrae injury is suspected?
- Flexed position
 - Head tilt- Chin lift.
 - Jaw thrust maneuver.
 - Modified head tilt-chin lift
17. Which one of the following is the brain area that is involved in receptive language functions and is localized in the left hemisphere?
- Wernicke's area
 - Broca's area.
 - Caudate Nucleus
 - Hippocampus.
18. What is the most common congenital Heart defect?
- Ventricular Septal Defect
 - Atrial Septal Defect
 - Ductus arteriosus
 - Pulmonary Valve stenosis
19. What is the normal PR interval in ECG of adults?
- 0.12- 0.25 sec
 - 0.8-.15 sec
 - 0.12- 0.20 sec
 - 12- 20 sec
20. Bell's palsy is associated with the lesion of which cranial nerve?
- 11th
 - 9th
 - 7th
 - 3rd
21. Which one of the following is NOT true regarding Amiodarone?
- It is primarily a Class III antiarrhythmic.
 - It results in increased action potential duration in cardiac myocytes

Purna Soodan
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29. A patient with chest pain is prescribed Intra Venous Nitro-glycerine infusion. Which one of the following assessments is of great concern for the nurse initiating the nitro-glycerine drip?
- Serum potassium is 3.5mEq/L
 - Blood Pressure is 88/46 mmHg
 - ST elevation is present on the ECG
 - Heart rate is 61beats per minute
30. Ventilator Bundle is a package of evidence-based interventions which does NOT include which one the following recommendations that are to be followed as an all or none intervention?
- Elevation of patient's head of bed to 30-45°
 - Daily sedation vacation and daily assessment of readiness to extubation.
 - Peptic ulcer prophylaxis.
 - Prophylactic 2 hourly endotracheal suction.
31. When caring for the patient who is receiving an amino glycoside antibiotic, the nurse should monitor which laboratory value?
- Serum Sodium
 - Serum Potassium
 - Serum Creatinine
 - Serum Calcium
32. Traumatic Brain Injury with central Diabetic Insipidus can be managed with
- Fludrocortisone
 - Desmopressin
 - Fluid restriction
 - Furosemide
33. A patient with Myocardial Infarction of the anterior wall of the left ventricle most likely has an occlusion of:
- Left marginal coronary artery
 - Right marginal coronary artery
 - Right descending coronary artery
 - Left anterior descending coronary artery
34. Positive Homan's sign is seen in which condition
- Arteritis of the upper limb
 - Deep Vein Thrombosis of the lower limb
 - Heart failure
 - Aneurysm

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35. Digoxin produces which effect on the heart?

- a. Increase in afterload
- b. Increase in heart rate
- c. Increase in the force of cardiac contraction
- d. Decrease in intracellular sodium

36. Which of the following drugs has a potassium sparing effects?

- a. Spironolactone
- b. Lasix
- c. Digoxin
- d. Ramipril

37. What is the Compression ventilation ratio in neonatal Cardio-pulmonary resuscitation?

- a. 1:1
- b. 2:1
- c. 3:1
- d. 4:2

38. Excess use of adrenaline can precipitate which condition?

- a. Ventricular tachycardia
- b. Atrial fibrillation
- c. Ventricular fibrillation
- d. Atrial flutter

39. 1% solution contains:

- a. 10mg in 1 ml
- b. 1 mg in 1 ml
- c. 100 mg in 1ml
- d. 0.1 mg in 1 ml

40. The nurse reviews the arterial blood gas results of a patient and notes that the laboratory reports indicate a PH of 7.40, Pco₂ of 68mmHg, Po₂ of 78 mmHg and Hco₃ of 26mEq/L. The nurse interprets that the client has which acid base imbalance?

- a. Metabolic acidosis
- b. Metabolic alkalosis
- c. Respiratory acidosis
- d. Respiratory alkalosis

41. The signs of increased Intracranial Pressure include:

- a. Hypotension and bradycardia
- b. Hypotension and tachycardia
- c. Hypertension and bradycardia
- d. Hypertension and tachycardia

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42. The duty to protect privileged information is called as:
- Ethics
 - Morals
 - Confidentiality
 - Honesty
43. What is the normal glucose level in Cerebrospinal Fluid?
- 100-110 mg/100ml
 - 135-145 mg/100ml
 - 10-20mg/100ml
 - 45-80mg/100ml
44. The client is having a lumbar puncture performed. The nurse would plan to place the client in which position for the procedure?
- Side-lying, with legs pulled up and head bent down onto the chest
 - Side-lying, with a pillow under the hip
 - Prone, in a slight Trendelenburg's position
 - Prone, with a pillow under the abdomen.
45. In which condition pill rolling movement of the hands is noted?
- Alzheimer's
 - Parkinson's disease
 - Myasthenia Gravis
 - Guillain-Barre syndrome
46. Which of the following is a shockable rhythm?
- Sinus arrhythmia
 - Pulseless electrical activity
 - Ventricular fibrillation
 - Third degree heart block
47. The Fontan procedure is indicated in which one of the following conditions?
- Congenital mitral stenosis
 - Tricuspid Atresia
 - Tetralogy of Fallot
 - Multiple Ventricular Septal Defects
48. A patient has elevated jugular venous pressure, pulsus paradoxus and hypotension. The nurse understands that the patient is exhibiting signs of
- Deep Vein Thrombosis
 - Myocarditis
 - Pleural Effusion
 - Cardiac Tamponade

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49. What is the dose of recombinant tissue plasminogen activator. Rt-PA in managing Acute Stroke?

- a. 0.1mg/kg body weight
- b. 0.4 mg/kg body weight
- c. 0.9mg/kg body weight
- d. 0.6mg/kg body weight

50. Which of the following diseases is airborne?

- a. Viral conjunctivitis
- b. Acute poliomyelitis
- c. Diphtheria
- d. Measles

Pune Sreedhar
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Number	Answer	Number	Answer
1	b	26	c
2	d	27	b
3	d	28	d
4	b	29	b
5	c	30	d
6	c	31	c
7	c	32	b
8	b	33	d
9	b	34	b
10	b	35	c
11	a	36	a
12	c	37	c
13	a	38	c
14	b	39	a
15	c	40	c
16	c	41	c
17	a	42	c
18	a	43	d
19	c	44	a
20	c	45	b
21	d	46	c
22	a	47	b
23	c	48	d
24	c	49	c
25	a	50	d

Answer Key Nursing Officer A to Nursing Officer B

MFCP March 13, 2023

Rupa Sreedhar