



श्री चित्रातिरुनाल आयुर्विज्ञान और प्रौद्योगिकी संस्थान, तिरुवनन्तपुरम, केरल- 695 011
(एकराष्ट्रीय महत्वका संस्थान, विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार)
SREE CHITRA TIRUNAL INSTITUTE FOR MEDICAL SCIENCES AND
TECHNOLOGY

THIRUVANANTHAPURAM, KERALA – 695 011

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ROLL NUMBER

WRITTEN TEST FOR THE POST OF NURSING OFFICER - A

DATE : 08/01/2023

DURATION : 90 MINUTES

TIME : 10.00 AM

TOTAL MARKS : 100

INSTRUCTIONS TO THE CANDIDATE

1. Write your Roll Number on the top of the Question Booklet and in the OMR sheet.
2. Each question carries 1 mark.
3. There will be no Negative Marking.
4. Each question carries 4 options i.e. a, b, c and d. Darken completely the bubble corresponding to the most appropriate answer using blue/black ball point pen only.
5. Marking more than one answer will invalidate the answer.
6. Candidate should sign on the question paper and OMR sheet.
7. Candidate should hand over the question paper and OMR sheet to the invigilator before leaving the examination hall.

Signature of the Candidate

Rupa Freedra
08/01/2023

1. The nurses are participating in a health fair at the local mall and are giving influenza vaccine to senior citizens. What level of prevention are the nurses practicing?
 - a) Primary Prevention.
 - b) Secondary Prevention.
 - c) Tertiary Prevention.
 - d) Quaternary Prevention.

2. Nursing care provided that is supported by reliable research is known as:
 - a) Evidence Based practice
 - b) Theory based practice
 - c) Knowledge based practice
 - d) Historical practice

3. Who has decreased mortality by improving sanitation in the battlefields, resulting in a decrease of illness and infection?
 - a) Florence Nightingale
 - b) Clara Barton
 - c) Dorathea Dix
 - d) Lillian Wald

4. Which of the following are the four basic techniques of physical examination?
 - a) Interview, inspection, percussion, resonance
 - b) Inspection, palpation, percussion, auscultation
 - c) Interview, subjective data, objective data, closure
 - d) Inspection, palpation, percussion, auscultation

5. Which of the following terms denotes patient's inability to void even though the kidneys are producing urine that enters the bladder ?
 - a) Urgency
 - b) Retention
 - c) Oliguria
 - d) Dysuria

6. Cheyne-stokes respiration describes
 - a) Rapid breathing
 - b) Difficult breathing
 - c) Moist or stertorous breathing
 - d) Periods of apnea and hyperventilation

7. The angle of insertion for an intramuscular injection is
 - a) 90 degrees
 - b) 30 degrees
 - c) 160 degrees
 - d) 180 degrees

8. The purpose of making mitten corners while doing bed making is
 - a) To keep bed linen secure
 - b) To provide warmth
 - c) To prevent cross infection
 - d) To prevent foot drop

Rupa Freedhar
08/01/2023

9. One example of isotonic solution is
- 0.9% NaCl
 - 0.45 % NaCl
 - 3% NaCl
 - 5 % NaCl
10. The nurse is preparing to take a pulse on a patient who is receiving digoxin (Lanoxin), which affects the heart rate. This assessment needs to be completed prior to the medication administration. Which skill is correct when assessing the pulse of this patient?
- A radial pulse taken for 15 seconds
 - A femoral pulse taken for 15 seconds
 - A carotid pulse taken for a full minute
 - An apical pulse taken for a full minute.
11. Supination is
- Turn lower arm and hand so palm is down
 - Turn lower arm and hand so palm is up
 - Turn palm toward the inner aspect of forearm
 - Turn fingers position to midline
12. Which of the following is an indication for a binder to be placed around a surgical patient with new abdominal wound?
- Collection of wound drainage
 - Providing support to abdominal tissues when coughing and walking
 - Reduction of abdominal swelling
 - Stimulation of peristalsis
13. Which of the following is the most effective way to break the chain of infection
- Hand hygiene
 - Wearing gloves
 - Placing patients in isolation
 - Providing private rooms for patients
14. When the patient develops dyspnea, what is the first intervention that is to be carried out?
- Take Blood Pressure
 - Elevate the foot of the bed
 - Remove pillows from the head
 - Elevate the head of the bed.
15. While giving oral medication _____ position is essential to prevent aspiration.
- High Fowler's
 - Left lateral
 - Sim's
 - Supine

Rupa Sreedhar
08/01/2023

16. The test considered as gold standard to detect COVID 19 is
- The reverse transcription-polymerase chain reaction (RT-PCR) test
 - Rapid antigen test
 - Cartridge based nucleic acid amplification test
 - Rapid diagnostic test
17. The nurse is giving discharge instructions to a newly diagnosed diabetic. The nurse discusses with the patient what the dietary intake should be. This is an example of which health care service?
- Illness prevention
 - Restorative care
 - Health promotion
 - Tertiary care
18. The multidisciplinary care model used to move patients efficiently from admission to discharge
- Team nursing
 - Nursing process
 - Interdisciplinary care
 - Case management
19. The leading cause of cognitive impairment in old age is
- Stroke
 - Malnutrition
 - Alzheimer's disease
 - Loss of cardiac reserve
20. A patient needs to learn to use a walker. Which domain is required for learning the skill?
- Affective domain
 - Cognitive domain
 - Attentional domain
 - Psychomotor domain
21. The nurse is caring for a patient with pneumonia who has severe malnutrition. The nurse recognizes that, because of the nutrition status, the patient is at increased risk for
- Cardiac disease
 - Sepsis
 - Diarrhea
 - Insomnia
22. An elderly patient comes to the hospital with complaints of severe weakness and diarrhea for several days. It is important to assess which one of the following problems initially?
- Malnutrition
 - Dehydration
 - Skin breakdown
 - Incontinence

Rupa Sreedhar
08/01/2023

23. When assessing the lower extremities for arterial function, which intervention should the nurse perform?
- Assessing the medial malleoli for pitting edema
 - Performing Allen's test
 - Assessing the Homans test
 - Palpating the pedal pulses
24. While auscultating the adult patient's lungs, the nurse hears loud, bubble sounds during inspiration that do not disappear after the patient coughs. Which finding should the nurse document from the lung assessment?
- Rhonchi
 - Coarse crackles
 - Sibilant wheeze
 - Pleural friction rub
25. A patient's effort to manage psychological stress is known as:
- Secondary appraisal
 - Coping
 - Primary appraisal
 - Distress
26. The nurse assists a patient in connecting a stressful event with the patient's reaction to the event. This approach is known as:
- Evaluative care
 - Problem solving
 - Situational intervention
 - Crisis intervention
27. The normal Potassium level in the blood for adults
- 2 - 3 mEq/L
 - 2.9 - 6.2 mEq/L
 - 3.5 - 5.2 mEq/L
 - 3.4 - 6.8 mEq/L
28. Before the nurse washes hands when leaving an isolation room, what is the last thing that is removed?
- Head cover
 - Mask
 - Gown
 - Goggles
29. To remove a glove that is contaminated what should the nurse do first?
- Grasp the outside of the cuff or palm of the glove and pull it away from the hand without touching the wrist or fingers
 - Put the thumb inside the wrist to slide the glove over the hand with minimal touching of the hand by the other gloved hand
 - Pull the glove off the back of the hand until it slides off the entire hand and discard it
 - Rinse the gloves before removing them to minimize the contamination factor.

Rupa Freedhar
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30. Which one of the following is a common condition that causes numbness, tingling, and pain in the hand and forearm?
- Carpal tunnel syndrome
 - Tarsal tunnel syndrome
 - Bell's palsy
 - Dystonia
31. Night blindness is caused due to the deficiency of vitamin:
- A
 - D
 - E
 - K
32. Which one of the following vitamins is NOT fat-soluble?
- A
 - D
 - B
 - K
33. Which of the following is the most sensitive indicator of changes in neurologic status?
- Loss of consciousness
 - Memory
 - Pain
 - Vascular flow
34. Patients with bacterial meningitis demonstrate which one of the following?
- Decreased CSF glucose level
 - Increased CSF glucose level
 - Decreased CSF protein level
 - Increased CSF magnesium level
35. Transsphenoidal approach is used in the excision of which type of tumors?
- Glial tumors
 - Pituitary tumors
 - Oligodendrogliomas
 - Acoustic neuromas
36. Which of the following is an incorrect match?
- Dysphagia: inability to speak
 - Hemiparesis: weakness
 - Hemiplegia: paralysis
 - Aphasia: inability to communicate
37. Phenytoin, carbamazepine, and valproate are drugs classified under the category?
- Neuromuscular blocking agent
 - Antiepileptic drugs
 - Antidepressants
 - Antipsychotic drugs

Rupa Sreedhar

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38. Cholinergic crisis occurs because of overmedication in which of the following conditions?
- Myasthenia gravis
 - Guillain-Barre syndrome
 - Creutzfeldt-Jakob disease
 - Amyotrophic lateral sclerosis
39. One of the primary nursing objectives in a client with a Cerebro-Vascular Accident is maintenance of the airway. To achieve this objective, the nurse should initially place the client in the:
- Prone position
 - Lateral position
 - Supine position
 - Trendelenburg position
40. The client diagnosed with atrial fibrillation has experienced a transient ischemic attack. Which of the following medication would the nurse anticipate being ordered for client at discharge?
- An oral anticoagulant medication
 - A beta-blocker medication
 - An anti-hyperuricemia medication
 - A thrombolytic medication
41. Which one of the following is a primary brain tumor?
- Cerebral angioma
 - Glioma
 - Fibroadenoma
 - Wilm's tumor
42. A CT scan of the head shows a collection of blood between the skull and dura mater. Which type of head injury does this finding suggest?
- Subdural hematoma
 - Subarachnoid hemorrhage
 - Epidural hematoma
 - Contusion
43. Signs of increased intracranial pressure are:
- Weak rapid pulse, normal blood pressure, fever, lethargy
 - Rapid weak pulse, fall in blood pressure, low temperature
 - Slow bounding pulse, raising blood pressure, high temperature
 - Slow bounding pulse, fall in blood pressure, low temperature
44. The nurse is assessing a client with tentative diagnosis of brain tumor. What would the nurse anticipate the client's primary complaint to be?
- Decreased appetite
 - Frequent insomnia
 - Recurrent headache
 - Peripheral edema

Rupa Sreedhar

08/01/2023

45. Temporary paralysis of seventh cranial nerve that causes paralysis only of the affected side of face occurs in:
- Bell's Palsy
 - Trigeminal neuralgia
 - Myelitis
 - Multiple Sclerosis
46. The correct angle for 'Head of the bed' elevation in ventilated patients to decrease respiratory complications:
- Between 20-30 degrees
 - Between 30-45 degrees
 - Between 45-60 degrees
 - 90 degrees
47. Which layer encloses the valves of the heart?
- Pericardium
 - Myocardium
 - Epicardium
 - Endocardium
48. Which 2 valves of the heart open during ventricular contraction of the heart?
- Aortic and tricuspid valves
 - Pulmonic and aortic valves
 - Pulmonic and tricuspid valves
 - Aortic and mitral valves
49. The amount of resistance to ejection of blood from ventricle is called
- Preload
 - Ejection fraction
 - Afterload
 - End diastolic pressure
50. Which of the following blood vessels has two major branches: Circumflex artery and anterior descending artery?
- Posterior interventricular artery
 - Right pulmonary artery
 - Right coronary artery
 - Left coronary artery
51. T wave in the ECG graph represents
- Ventricular depolarization
 - Atrial depolarization
 - Ventricular repolarisation
 - Atrial repolarization
52. Which diagnostic test can measure the size and ejection fraction of heart?
- Electrocardiography
 - Echocardiography
 - Treadmill test
 - Barium swallow

Rupa Freedman
08/10/2023

53. After cardiac catheterization, immediate priority nursing intervention is
- Check for distal pulses and bleeding from site
 - Provide bed rest for 4-6 hours and move the extremities every hourly
 - Ensure patient safety by helping him get out of the bed
 - Instruct to drink adequate fluid to flush out the contrast agent if used
54. Osler nodes and Janeway lesions are manifestations of:
- Myocarditis
 - Endocarditis
 - Pericarditis
 - Aortic regurgitation
55. With aging, the blood pressure is often higher due to
- Loss of muscle mass
 - Change in exercise and diet
 - Decreased peripheral resistance
 - Decreased elasticity in arterial walls
56. People with mechanical valves require to take these medications lifelong
- Antipyretics
 - Analgesics
 - Anticoagulants
 - Antibiotics
57. Which of the following sign is positive in deep vein thrombosis?
- Homan's sign
 - Jaquemers' sign
 - Kerning's sign
 - Hegar's sign
58. Which one of the following cardiac rhythm is NON-SHOCKABLE?
- Ventricular tachycardia
 - Ventricular fibrillation
 - Pulseless electrical activity
 - Pulseless ventricular tachycardia
59. Which one of the following represents the full form of AED?
- Autonomous External Defibrillator
 - Automated Extracorporeal Defibrillator
 - Automated External Desynchronizer
 - Automated External Defibrillator
60. The inotropic medication primarily:
- Decreases afterload
 - Increases the force of contraction
 - Decreases Preload
 - Decreases heart rate

Reya Sreedhar
08/01/2023

61. Which of the following ECG findings alerts the nurse that the client needs an antiarrhythmic?
- Normal sinus rhythm
 - Sinus bradycardia
 - Sinus arrhythmia
 - Frequent ventricular ectopy
62. A nurse has performed an ECG. At the time of interpretation, she found that it is a normal sinus rhythm. The normal duration of the QRS complex is:
- 0.08-0.10 Sec
 - 0.2-0.8 Sec
 - 0.8-1.2 Sec
 - 1.2-2.0 Sec
63. The nurse needs to inform the cardiac surgeon immediately when she observes which one of the following parameters during the first postoperative day of a patient who has undergone Coronary Artery Bypass Grafting?
- Urine output <0.5 ml/kg/hour
 - Temperature of 99-degree Fahrenheit
 - Chest drainage of 100 ml over 4-6 hours
 - Discomfort at the incision site
64. A patient reports that he experiences chest pain whenever he performs activities, but it is relieved by taking a rest. This is an example of:
- Unstable Angina
 - Stable Angina
 - Variant Angina
 - Prinzmetal Angina
65. Rheumatic heart disease results from rheumatic fever which is caused by
- Bacterial infection
 - Protozoal infection
 - Viral infection
 - Fungal infection
66. Heart valve affected most by rheumatic fever is
- Tricuspid valve
 - Mitral valve
 - Aortic valve
 - Pulmonary valve
67. Diagnostic Criteria used for Infective Endocarditis.
- Jones Criteria
 - NYHA classification
 - Dukes Criteria
 - Rockall Criteria
68. Reticular activating system controls which one of the following?
- Consciousness
 - Reflex action
 - Memory
 - Speech and vocabulary

Rupa Soodhar
08/01/2023

69. Most used site for test dose of medications is
- Forearm
 - Gluteal region
 - Deltoid muscle
 - Fingertips
70. The pneumatic bed is used to prevent:
- Joint pain
 - Pressure ulcer
 - Back pain
 - Hip pain
71. A client with Parkinson's disease is experiencing anorexia and vomiting since beginning of treatment with levodopa. What should be the initial action?
- Assess his food preference
 - Monitor blood pressure
 - Hold medication
 - Administer medication with food
72. Core body temperature is highest in the
- Early morning
 - Noon
 - Late afternoon
 - Night
73. Which one of these is not a cardiac biomarker?
- Alkaline phosphatase
 - Creatinine kinase
 - Troponin
 - Myoglobin
74. A patient presents to the emergency department with blood pressure 180/130 mmHg, headache, and confusion. Which additional finding is consistent with diagnosis of hypertensive emergency?
- Retinopathy
 - Bradycardia
 - Jaundice
 - Urinary retention
75. The nurse understands that providing a complete bed bath, may have which one of the following cardiovascular effects? She therefore plans for rest periods during the bath.
- increase in oxygen consumption
 - decrease in blood supply to the skin
 - decrease in preload
 - increase in afterload
76. Cushing's triad refers to a set of signs that are indicative of
- increased intra-abdominal pressure
 - increased intra-thoracic pressure
 - increased intra-ocular pressure
 - increased intracranial pressure

Rupa Sreedhar
08/01/2023

77. Which one of the following is a type of Generalized seizure?
- Absence seizure
 - Pseudo seizure
 - Partial seizure
 - Complex partial
78. Which of the following is a non-drug therapy for children with epileptic seizure?
- Ketogenic diet
 - High protein diet
 - Low fat diet
 - High fiber diet
79. Sound created by turbulent abnormal blood flow of heart, heard during auscultation:
- Friction rub
 - Gallop
 - Murmurs
 - Rasping
80. Which one of the following is the sound that provides the systolic pressure reading and is the first Korotkoff sound (Phase 1) heard as the pressure in the blood pressure cuff is released?
- A sharp tapping sound
 - A swishing/whooshing sound
 - A thump
 - A soft, blowing, muffled sound
81. Which of the following treatment strategies have been shown to improve the outcome in patients diagnosed to have Guillain –Barres syndrome?
- Heat therapy
 - Immobilization
 - Anticholinesterases
 - Plasmapheresis
82. Parkinson's disease includes all these symptoms except:
- Bradykinesia and loss of postural reflexes
 - Stiff limbs
 - Thunderclap headache
 - Tremors of hand, arms, legs, jaw, and face
83. Which term would the nurse use to document pain at one site that is perceived in another site?
- Referred pain
 - Phantom pain
 - Intractable pain
 - Aftermath of pain
84. The two main factors for determining blood pressure are peripheral resistance and which one of the following:
- Cardiac output
 - Age
 - Pulse pressure
 - Pulse deficit

Rupa Sreedhar
08/01/2023

85. In infectious diseases such as hepatitis B and C, a reservoir for pathogens is:
- The blood
 - The urinary tract
 - The respiratory tract
 - The reproductive tract
86. Involvement of which of the following structures will lead to right-sided hemiplegia and aphasia?
- Left Middle Cerebral Artery
 - Vertebral Artery
 - Brain stem
 - Right Middle Cerebral Artery.
87. For doing nasotracheal suctioning, the catheter should be inserted during which of the following patient activities?
- Swallowing
 - Inhaling
 - Exhaling
 - Retching
88. Which of the following is the organism that causes peptic ulcer disease?
- Staphylococcus
 - Corynebacterium
 - Helicobacter pylori
 - Streptococcus.
89. Which of the following is the drug of choice to treat anaphylaxis?
- Atropine
 - Sodium bicarbonate
 - Digoxin
 - Epinephrine
90. Which of the following is the earliest manifestation of inadequate oxygenation?
- Vomiting
 - Bradycardia
 - Restlessness
 - Hypotension
91. The principle of fairness is known as:
- Advocacy
 - Autonomy
 - Justice
 - Accountability
92. The appendix is in:
- The left antecubital fossa
 - The left iliac fossa
 - The right antecubital fossa
 - The right iliac fossa

Rupa Sreedhar
08/01/2023

93. The oxygen cylinder colour code in India is
- Black body and white shoulder
 - Black
 - Green body and white shoulder
 - Light blue
94. fMRI stands for
- Fast Magnetic Resonance Imaging
 - Fundamental Magnetic Resonance Imaging
 - Fractional Magnetic Resonance Imaging
 - Functional Magnetic Resonance Imaging
95. Kussmaul breathing is a deep and labored breathing pattern often associated with
- Diabetic ketoacidosis
 - Hepatitis
 - Hepatomegaly
 - Acute Renal Failure
96. RBSK full form?
- Rashtriya bal shramik karyakram
 - Rashtriya bal suraksha karyakram
 - Rashtriya bal swasthya karyakram
 - Rashtriya bal shramik kalyan
- 97) The natural pacemaker of the heart is
- AV node
 - SA node
 - Purkinje fiber
 - Bundle of His
- 98) Short shuffling gait is characteristically seen in
- Alzheimer's disease
 - Parkinson's disease
 - Multiple sclerosis
 - Myasthenia gravis
- 99) What is a 1% solution?
- 10 mg in 1 ml
 - 1 mg in 1 ml
 - 100 mg in 1ml
 - 0.10 mg in 1 ml
- 100) Spinal cord is continuous with which part of the brain?
- Medulla oblongata
 - Cerebrum
 - Midbrain
 - Pons

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08/01/2022



Nursing Officer – A – Written Examination – Answer Key – 08.01.2023

1	a	36	a	71	d
2	a	37	b	72	c
3	a	38	a	73	a
4	b or d	39	b	74	a
5	b	40	a	75	Deleted
6	d	41	b	76	d
7	a	42	c	77	a
8	a	43	c	78	a
9	a	44	c	79	c
10	d	45	a	80	a
11	b	46	b	81	d
12	b	47	d	82	c
13	a	48	b	83	a
14	d	49	c	84	a
15	a	50	d	85	a
16	a	51	c	86	a
17	c	52	b	87	b
18	d	53	a	88	c
19	c	54	b	89	d
20	d	55	d	90	c
21	b	56	c	91	c
22	b	57	a	92	d
23	d	58	c	93	a
24	b	59	d	94	d
25	b	60	b	95	a
26	d	61	d	96	c
27	c	62	a	97	b
28	b	63	a	98	b
29	a	64	b	99	a
30	a	65	a	100	a
31	a	66	b		
32	c	67	c		
33	a	68	a		
34	a	69	a		
35	b	70	b		

Rupa Sreedhar
08/01/2023