

Railway Recruitment Cell

Post Name : NURSING_SUPERINTENDENT

Exam Code : MASSWBUR

Exam Date : 23-06-2024

Exam Time : 9:30AM

Question No. 1

Tibia is expanded at the lower end and offers bearing surface to which bone?

- A) Calcaneus
B) Femur
C) Talus
D) Fibula

Answer Key: C

Question No. 2

Origin of the Hamstring muscles is:

- A) Body of the ischium
B) Ischial tuberosity
C) Iliac crest
D) Public symphysis

Answer Key: B

Question No. 3

Deep fascia which covers the thigh is called-

- A) Fascia lata
B) Darto's fascia
C) Scarpa's fascia
D) Campere's fascia

Answer Key: A

Question No. 4

Omentum are the folds of the peritoneum suspending-

- A) Stomach
B) Small intestines
C) Abdominal viscera
D) Large intestines

Answer Key: A

Question No. 5

The number of lobes in normal kidney is-

- A) 2
B) 3
C) None of the options
D) 7

Answer Key: C

Question No. 6

The organ which is responsible for the body balance is:

- A) Eye
B) Ear
C) Mouth
D) Tongue

Answer Key: B

Question No. 7

Endoplasmic reticulum is concerned with the synthesis of-

- A) Lipids
- B) Proteins
- C) Carbohydrates
- D) Vitamins

Answer Key: B

Question No. 8

Immediate source of energy for the muscle contraction is-

- A) Actinomyosin
- B) Adenosine triphosphate
- C) Phosphocreatinine
- D) Troponin

Answer Key: B

Question No. 9

Sarcomere refers to the portion of the myofibril between-

- A) A and H band
- B) A and Z band
- C) A and I band
- D) Two Z bands

Answer Key: D

Question No. 10

Lachrymal gland produces-

- A) Tears
- B) Wax
- C) Sweat
- D) Sebum

Answer Key: A

Question No. 11

Epistaxis means bleeding from-

- A) Gums
- B) Nose
- C) Ear
- D) Vagina

Answer Key: B

Question No. 12

Where does the absorption of proteins takes place in the human body?

- A) Liver
- B) Ileum
- C) Pancreas
- D) Rectum

Answer Key: B

Question No. 13

The type of diet that a nurse should suggest for a diabetic patient would be-

- A) Low carbohydrate diet
- B) Low vitamin diet
- C) High carbohydrate diet
- D) High fat diet

Answer Key: A

Question No. 14

A high fibre diet suggested for constipation patient is based on the fact that-

- A) It increases intestinal motility
- B) It decreases intestinal motility
- C) It works as a digestive enzyme
- D) None of the options

Answer Key: A

Question No. 15

Which of the following components is NOT a type of carbohydrate?

- A) Lactose
- B) Dietary fibre
- C) Maltodextrins
- D) Sterols

Answer Key: D

Question No. 16

What is the energy content in kilojoules (kJ) if the average energy content of one banana is 105 kcal?

- A) 439
- B) 101
- C) 25
- D) 657

Answer Key: A

Question No. 17

Leptin is a hormone produced by-

- A) Pancreas
- B) Stomach
- C) Adipose tissue
- D) Liver

Answer Key: C

Question No. 18

Renal threshold for glucose is-

- A) 120 mg/dL
- B) 180 mg/dL
- C) 220 mg/dL
- D) 240 mg/dL

Answer Key: B

Question No. 19

Action of oxytocin is-

- A) Fundal relaxation
- B) Cervical contraction
- C) Pelvic relaxation
- D) Fundal contraction with cervical relaxation

Answer Key: D

Question No. 20

Process that kills all microbial life, including spores is called-

- A) Disinfection
- B) Sterilisation

C) Disinfectant

D) Deodorant

Answer Key: B

Question No. 21

Expectoration of blood is known as-

A) Haematemesis

B) Malena

C) Haemoptysis

D) Hemorrhoid

Answer Key: C

Question No. 22

A nurse measures a client's temperature at 102° F. What is the equivalent Centigrade temperature?

A) 48° C

B) 38° C

C) 38.9° C

D) 40.1° C

Answer Key: C

Question No. 23

A female client is to be discharged from an acute care facility after treatment for right leg thrombophlebitis. A nurse notes that the client's leg is pain-free, without redness or edema. The nurse's actions reflect which step of the nursing process?

A) Diagnosis

B) Evaluation

C) Assessment

D) Implementation

Answer Key: B

Question No. 24

Which instruction should be given to a male client who is undergoing external radiation therapy?

A) Eat 3 to 4 hours before treatment

B) Wash the skin every 1 hour

C) Protect the irritated skin from sunlight

D) Apply lotion or oil to the radiated area when it is red or sore

Answer Key: C

Question No. 25

The nurse is assessing a patient admitted with bacterial meningitis. She is expected to find all of the following signs EXCEPT-

A) Trismus

B) Nuchal rigidity

C) Kernig's sign

D) Brudzinski's sign

Answer Key: A

Question No. 26

Which of the following is/are produced by microorganisms?

A) Bread

B) Alcoholic beverages

C) Fermented dairy products

D) All of the options

Answer Key: D

Question No. 27

_____ are single flagellum found on both polar ends of an organism.

- A) Peritrichous
- B) Lophotrichous
- C) Amphitrichous
- D) Monotrichous

Answer Key: C

Question No. 28

The drug of choice for thrombolytic therapy in an ischemic stroke is-

- A) Streptokinase
- B) Heparin
- C) Recombinant tissue plasminogen activator (rt-PA)
- D) All of the options

Answer Key: C

Question No. 29

Medicine given under tongue is called-

- A) Buccal
- B) Oral
- C) Sublingual
- D) Subcutaneous

Answer Key: C

Question No. 30

Drugs suppressing nausea and vomiting are called-

- A) Antiemetic
- B) Antidiarrheal
- C) Antiulcer
- D) Antiseptic

Answer Key: A

Question No. 31

In an unconscious patient, the preferred route of drug administration is-

- A) Oral
- B) Sublingual
- C) Nasal
- D) Intravenous

Answer Key: D

Question No. 32

The action of injection Ergometrine is-

- A) Uterine contraction
- B) Uterine relaxation
- C) Vaginal relaxation
- D) Cervical dilation

Answer Key: A

Question No. 33

Gout is a-

- A) Degenerative disorder
- B) Psychological disorder

C) Neurological disorder

D) Metabolic disorder

Answer Key: D

Question No. 34

The main cause of plague is:

A) Varicella zoster

B) Salmonella typhae

C) None of the options

D) Corynebacterium

Answer Key: C

Question No. 35

Which test is used to diagnose typhoid?

A) ELISA

B) Western Blot test

C) WIDAL test

D) ROTHRA test

Answer Key: C

Question No. 36

In a patient with tuberculosis, the physician will prescribe-

A) Penicillin

B) Isoniazid

C) Metronidazole

D) Codeine sulphate

Answer Key: B

Question No. 37

pH of blood is in the range of-

A) 7.0 to 7.1

B) 7.25 to 7.35

C) 7.35 to 7.45

D) 7.5 to 7.6

Answer Key: C

Question No. 38

Where do the DNA binding proteins bind?

A) Phosphate molecules

B) Pentose sugars

C) Minor groove

D) Major groove

Answer Key: D

Question No. 39

The process of formation of a new species without geographic isolation is called-

A) Sympatric speciation

B) Allopatric speciation

C) Convergent evolution

D) Hybridisation

Answer Key: A

Question No. 40

The best method that can be used to sterilize a catheter is-

- A) Autoclave
- C) Fumigation

- B) Boiling
- D) None of the options

Answer Key: D

Question No. 41

The nurse is administering insulin to an adult client. Which is the correct method of administering insulin?

- A) Administer via intramuscular injection holding the needle at a 90° angle
- B) Inject via Z track intramuscular injection
- C) Use a 1/2 inch 27-gauge needle at a 90° angle into subcutaneous tissue
- D) Inject at a 10° angle into the intradermal area

Answer Key: C

Question No. 42

What is an Ablative surgery?

- A) Surgery that replaces malfunctioning structures
- B) Surgery aimed to relieve pain or reduce symptoms caused by a disease
- C) Surgery carried out in order to remove disease body parts
- D) Surgery used to restore structure or function

Answer Key: C

Question No. 43

PHC, sub-centres are responsible for providing _____ level of health care.

- A) Primary
- B) Secondary
- C) Tertiary
- D) Critical

Answer Key: A

Question No. 44

The type of fracture which occurs commonly in children is-

- A) Colle's fracture
- B) Green stick fracture
- C) Pathologic fracture
- D) None of the options

Answer Key: B

Question No. 45

A child has chickenpox. The nurse will instruct the mother to use-

- A) Oatmeal bath for soothing and calamine lotion
- B) Oatmeal baths for healing and diphenhydramine hydrochloride with calamine lotion
- C) Oatmeal cleansing bar and calamine lotion
- D) Alpha-keri lotion in bath water

Answer Key: A

Question No. 46

Which is the most common assessment finding in a child with Ulcerative Colitis?

- A) Anal fissures
- B) Abdominal distention

C) Intense headache

D) Profuse diarrhea

Answer Key: D

Question No. 47

Autism can usually be diagnosed when the child is about-

A) 1 month

B) 2 months

C) 2 years

D) 14 years

Answer Key: C

Question No. 48

Abrupt withdrawal from barbiturate could cause a person to experience-

A) Seizure

B) Ataxia

C) Diarrhoea

D) Urticarial

Answer Key: A

Question No. 49

Betz cells in the brain are found in-

A) Thalamus

B) Sensory cortex

C) Primary motor cortex

D) Secondary motor cortex

Answer Key: C

Question No. 50

Nutritional planning for a pregnant woman should include-

A) A decrease to 1000 calories per day

B) A decrease in fat and protein consumption

C) A decrease in a carb consumption

D) An increase to 1800 to 2400 calories per day

Answer Key: D

Question No. 51

During pregnancy, the purplish discolouration of vaginal mucosa is known as-

A) Hegar's sign

B) Chadwick's sign

C) Ladin's sign

D) Goodell's sign

Answer Key: B

Question No. 52

Which drug causes the side effect referred to as 'grey baby' in neonates?

A) Chloramphenicol

B) Amikacin

C) MgSO₄

D) Oxytocin

Answer Key: A

Question No. 53

At birth, infants are covered with grey white matter called-

- A) Lanugo
- C) White gravidarum

- B) Vernix caseosa
- D) Oil sebum

Answer Key: B

Question No. 54

Morning sickness that occurs during pregnancy usually disappears by the end of-

- A) 1 month
- C) 3 months
- B) 2 months
- D) 4 months

Answer Key: C

Question No. 55

Which is the best tool for data gathering to analyse the patient illness?

- A) Questionnaire
- C) Observation
- B) Interview schedule
- D) Use of laboratory data

Answer Key: D

Question No. 56

Which of the following research roles of a nurse who reads research articles and incorporates research findings into nursing practice?

- A) Primary investigator
- C) Producer
- B) Consumer
- D) Collaborator

Answer Key: B

Question No. 57

Which part of the brain transfers short-term memory to long-term memory?

- A) Hippocampus
- C) Cerebellum
- B) Amygdala
- D) Spinal cord

Answer Key: A

Question No. 58

Short-term memory holds information for how many seconds?

- A) 30 seconds or less
- C) 50 seconds
- B) More than 100 seconds
- D) More than 300 seconds

Answer Key: A

Question No. 59

_____ refers to a collection of symptoms that affect the mind, where there has been some loss of contact with reality.

- A) Neurotic
- C) Psychosis
- B) Manic
- D) Psychopath

Answer Key: C

Question No. 60

_____ describes the process by which a minority integrates socially, culturally, and/or politically into a larger, dominant culture and society.

- A) Socialization
- B) Assimilation
- C) Acculturation
- D) Diffusion

Answer Key: B

Question No. 61

_____ is the process by which old behaviours are removed and new behaviours are learned in their place.

- A) Deviance
- B) Anticipatory socialization
- C) Conformity
- D) Re-socialisation

Answer Key: D

Question No. 62

Which of the following groups does NOT allow a person to be a member of other groups at the same time?

- A) Congregate group
- B) Exclusive group
- C) Disjunctive group
- D) Overlapping group

Answer Key: C

Question No. 63

Which of following is a type of mutation?

- A) Polymerase
- B) Substitution
- C) Addition
- D) Transcription

Answer Key: B

Question No. 64

What is the most common clinical complication in a patient with advanced dementia?

- A) Febrile episodes
- B) Pneumonia
- C) Eating problems
- D) Urinary and faecal incontinence

Answer Key: C

Question No. 65

Which of the following is the characteristic of geriatric psychopharmacology / drug metabolism in the elderly?

- A) Decreased hydroxylation
- B) Decreased excretion due to biliary congestion
- C) Decreased enzyme function impairing conjugation
- D) Increased renal clearance

Answer Key: A

Question No. 66

Which of the following factors is/are important to consider when selecting and monitoring medication therapy in geriatric patients?

- A) Cost of therapy
- B) Patient's renal function

C) The presence of concurrent disease states

D) All of the options

Answer Key: D

Question No. 67

Which of the following would be the focus of a nurse who is using an epidemiologic framework to assess a community?

A) Researching findings from epidemiologic studies

B) Interviewing health care professionals concerning the community

C) Discovering groups among the community residents who are most at risk

D) Learning about the health of the community's population

Answer Key: C

Question No. 68

What is the first step in beginning a community assessment?

A) Outlining the data needed and determining where they might be found

B) Defining the community and determining its boundaries or parameters

C) Creating a budget of both time and money to devote to assessment

D) Choosing persons who live in the community and may share their insights

Answer Key: B

Question No. 69

Which is the most appropriate method of teaching procedure for naso-gastric tube insertion?

A) Demonstration method

B) Lecture method

C) Discussion method

D) Classroom gamification

Answer Key: A

Question No. 70

What are the factor(s) to be considered in planning clinical rotation plan?

A) Number of students in each class

B) Number and size of departments

C) Objectives of the course

D) All of the options

Answer Key: D

Question No. 71

The Second Anglo-Mysore War came to an end by the Treaty of-

A) Mangalore

B) Mysore

C) Surat

D) Purandar

Answer Key: A

Question No. 72

Which of the following is also known as retinol?

A) Vitamin A

B) Vitamin B

C) Vitamin C

D) Vitamin E

Answer Key: A

Question No. 73

With which game is "Thomas Cup" associated?

- A) Rugby
- B) Badminton
- C) Polo
- D) Golf

Answer Key: B

Question No. 74

Pandit Jasraj is an Indian classical vocalist, belonging to the _____ gharana (Schools) of Hindustani classical music.

- A) Agra
- B) Patiala
- C) Mewati
- D) Kirana

Answer Key: C

Question No. 75

When was Gujarat established as a separate state?

- A) 1960
- B) 1961
- C) 1965
- D) 1970

Answer Key: A

Question No. 76

India won the cricket World Cup in 1983 under the captaincy of-

- A) Kapil Dev
- B) Sunil Gavaskar
- C) Mohammad Azharuddin
- D) Mohinder Amarnath

Answer Key: A

Question No. 77

Across which of the following rivers is Somasila reservoir constructed?

- A) Vamsadhara
- B) Nagavali
- C) Palar
- D) Pennar

Answer Key: D

Question No. 78

The presence of solid, liquid or gaseous compounds, which may NOT be normally present in excess concentration in the atmosphere is called-

- A) Air pollution
- B) Water pollution
- C) Soil pollution
- D) Radioactive pollution

Answer Key: A

Question No. 79

The waste generated from Health care Unit (HCU) in India ranges from-

A) 2.5 to 3.5 kg / bed / day

B) 2.0 to 2.5 kg / bed / day

C) 0.5 to 2.0 kg / bed / day

D) 3.5 to 4 kg / bed / day

Answer Key: C

Question No. 80

Which Five-Year Plan introduced the concept of 'Monitorable targets' for a few key indicators of development for the first ever time to put economic growth in the correct perspective?

A) Tenth

B) Ninth

C) Third

D) Sixth

Answer Key: A

Question No. 81

Corn is an example of _____ plants.

A) Dicot

B) Tricot

C) Monocot

D) Tetracot

Answer Key: C

Question No. 82

Which organization in April, 2024 released the report 'A Decade of Documenting Migrant Deaths'?

A) International Organization for Migration (IOM)

B) International Monetary Fund (IMF)

C) World Trade Organization (WTO)

D) International Labour Organization (ILO)

Answer Key: A

Question No. 83

The potential difference across a $3\ \Omega$ resistor is 6 volts. What is the current flowing in the resistor?

A) 1 ampere

B) 2 amperes

C) 1/2 ampere

D) 6 amperes

Answer Key: B

Question No. 84

A/an _____ contains more than one acidic or basic radical.

A) Acidic salt

B) Basic salt

C) Double salt

D) Mixed salt

Answer Key: D

Question No. 85

_____ is the most ductile metal.

A) Au

B) Ag

C) C

D) Ph

Answer Key: A

Question No. 86

Identify the metalloid from the given options.

- A) Antimony
- B) Hydrogen
- C) Argon
- D) Helium

Answer Key: A

Question No. 87

An electric motor creates a tension of 2500 N in a hoisting cable and reels it in at the rate of 3 m/s. The power of the electric motor is-

- A) 250.5 W
- B) 15.5 kW
- C) 7.5 kW
- D) 600.5 W

Answer Key: C

Question No. 88

What is the reciprocal of permeability?

- A) Reluctivity
- B) Susceptibility
- C) Permittivity
- D) Conductance

Answer Key: A

Question No. 89

What does the symbol R in electricity stand for?

- A) Resonance
- B) Refraction
- C) Resistance
- D) Rarefaction

Answer Key: C

Question No. 90

The energy possessed by a body due to its change in position or shape is called-

- A) Potential energy
- B) Kinetic energy
- C) Chemical energy
- D) Nuclear energy

Answer Key: A

Question No. 91

Simplify: $1035 \div \left[\frac{3}{4}(71 + 65) - 15\frac{3}{4} \right]$

- A)
- B)

C)

18

D)

20

Answer Key: A

Question No. 92

Simplify: $(1 + 1/2) (1 + 1/3) (1 + 1/4) \dots (1 + 1/n)$

A) $n/2$

B) $(n-1)/2$

C) $(n+1)/2$

D) $(n+2)/2$

Answer Key: C

Question No. 93

Evaluate: $\frac{(52.48)^2 - (48.52)^2}{10^2 + 1^2}$

A)

4

B)

3.96

C)

0.416

D)

5.06

Answer Key: B

Question No. 94

If 351 means 'students like maths'; 197 means 'we are students' and 748 means 'they are parents', what is code for the word 'we'?

A) 1

B) 7

C) 8

D) 9

Answer Key: D

Question No. 95

Which of the following will best complete the relationship given below?

EIGHTY : GIEYTH :: OUTPUT : ?

A) TUOTUP

B) TUOUTP

C) UTOPTU

D) UOTUPT

Answer Key: A

Question No. 96

If P means '÷', R means '-', S means '×' and Q means '+' then find value of the following expression.

$$2 Q 12 S 25 P 5 R 12 = ?$$

- A) 28
B) 40
C) 50
D) 56.5

Answer Key: C

Question No. 97

Select the pair of words from the given options that represents a relationship similar to the one expressed in the following pair of words.

Doctor : Hospital

- A) Supervisor : Officer
B) Teacher : School
C) Museum : Visitor
D) Governor : President

Answer Key: B

Question No. 98

How many 6's are there in the following series of numbers which are immediately preceded by 5 but not followed by 7?

5 6 7 2 5 6 4 9 2 5 6 5 6 3 5 6 8 6 4 9 5 6 7

- A) 1
B) 2
C) 3
D) 4

Answer Key: D

Question No. 99

Pointing to a girl in the photograph, a boy said, "Her mother has only one grandchild whose father is my brother." How is the boy related to that girl?

- A) Brother-in-law
B) Father-in-law
C) Father
D) Nephew

Answer Key: A

Question No. 100

Complete the series.

168, 151, 134, 117, (...)

- A) 82
B) 95

C) 97

D) 100

Answer Key: D