

*** marks indicate correct answer**

Nursing Science

1. Health status of an individual or community is
A) One dimensional B) Multifactorial*
C) Determined by genetics D) Determined by environment
2. Legal definition of death that facilitate organ transplantation
A) Cessation of pulse
B) Cessation of respiration
C) Cessation of circulatory and respiratory functions
D) Cessation of function of entire brain*
3. Taking positive active steps to help others is the
A) Beneficence* B) Justice C) Responsibility D) Accountability
4. Execution of duties of a nurse is particularly associated with
A) Responsibility B) Accountability*
C) Autonomy D) Fidelity
5. A jerky pulse with full expansion followed by sudden collapse is:
A) Corrigan's pulse* B) Cunningham's pulse
C) Jerky pulse D) Collapsing pulse
6. To access the range of joint movement a nurse asks the patient to move the arm away from the body to evaluate the movement of:
A) Flexion B) Extension C) Abduction* D) Adduction
7. Turning out the eye lid margin is called:
A) Ptosis B) Otitis C) Ectropion* D) Entropion
8. The abbreviation hs in administration of medication denotes:
A) At night* B) in noon C) as needed D) after meal
9. The process in which a solute in a solution moves from an area of higher concentration to an are of lower concentration is known as:
A) Osmosis B) Reverse osmosis C) Diffusion* D) Infiltration
10. Identity versus identity diffusion psychological development occurs during
A) Adolescence* B) Infant C) Childhood D) Toddler
11. The term used to describe the decline of reproductive capacity and associated changes due to decline of sex hormone is:
A) Menopause B) Climacteric* C) Depression D) Regression
12. Impaired motor activity is known as:
A) Dementia B) Insomnia C) Aphasia D) Apraxia*

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13. Infant mortality, life expectancy at age one and literacy are the consolidated index of:

- A) Quality of life
- B) Physical quality of life*
- C) Standard of living
- D) Child health

14. The index used to know the expectation of life free of disability is:

- A) Shanon's index
- B) Sullivan's index*
- C) Health index
- D) Physical quality of life index

15. Find the incorrect statement in terms of Sneezing:

- A) Outlet is through the nose only
- B) Reflex action due to stimulation of trigeminal and olfactory nerves
- C) Reflex action due to stimulation of vagus nerve*
- D) It is a protective reflex.

16. "Root mean square deviation from mean" is known as:

- A) Standard deviation*
- B) Standard error of mean
- C) Mean deviation
- D) Quartile deviation

17. Which is untrue for Mode?

- A) It is not affected by extreme values
- B) It can be treated algebraically*
- C) It can be used to describe qualitative phenomenon
- D) The value can also be found graphically

18. Systolic blood pressure of 529 male was recorded and the value of unbiased Standard deviation was 13.05. Pick out the value of Standard error of mean.

- A) 0.56*
- B) 0.06
- C) 1.05
- D) 5.01

19. Fill up the blank by the alternatives:

'----- is the hypothesis which is to be tested for possible rejection under the assumption it is true'.

- A) Simple hypothesis
- B) Composite hypothesis
- C) Null hypothesis*
- D) Contingency hypothesis

20. Interpretation of data collected about a client represents:

- A) Assessment of the client
- B) Health problem of the client*
- C) Proposed plan of care for the client
- D) Actual nursing intervention done for the client

21. A client is receiving an anti-hypertensive drug intravenously for control of severe hypertension. The client's blood pressure is unstable and is 160/94 mm of Hg before

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the infusion. 15 minutes after the infusion is started blood pressure rises to 180/100 mm of Hg. The response to the drug is described as;

- A) Allergic response B) Synergistic response
C) Hyper susceptibility response D) Paradoxical response *

22. An infant is to receive thyroxin sodium, 0.35 mg once a day orally; the medication is available in elixir form, 0.25 mg/ml. How much elixir the nurse should administer?

- A) 1.2 ml B) 1.4 ml* C) 1.6 ml D) 1.8 ml

23. In assessing the client's electrolyte level of intracellular fluid which one is identified as the most important?

- A) Sodium B) Calcium C) Chloride D) Potassium*

24. A wound drainage is pale, red and watery (mixture of clear and red fluid). What is the type of drainage?

- A) Serous B) Purulent C) Serosanguineous* D) Sanguineous

25. A client is to receive 2000 ml of IV fluid in 12 hours. The drop factor is 10 gtt/ml. At how many drops per minute should the flow rate be set?

- A) 20 gtt/min B) 23 gtt/min C) 25 gtt/min D) 28 gtt/min*

26. A 70 year old male client asks the nurse whether he has chance to be affected by osteoporosis like his wife. Which is the best response by the nurse?

- A) "You may have a bone density test"*
B) "This is the problem only for females"
C) "Exercise a good way to prevent this problem"
D) "You are not at risk because of your small frame"

27. Which one are the more common complications of myocardial infraction identified by the nurse in coronary care unit?

- A) Dysrhythmia* B) Hypokalemia
C) Anaphylactic shock D) Cardiac enlargement

28. Poisonous nature of Carbon monoxide results from:

- A) Its tendency to block CO₂ transport
B) Inhibitory effect on vasodilatation
C) Bubbles it tends to form in plasma
D) Its preferential combination with haemoglobin*

29. Oxygen at 2 L/min is administered to a client. Which of the clinical indicators is to be observed closely by a nurse?

- A) Cyanosis and lethargy

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- B) Anxiety and tachycardia
C) Drowsiness and decreased respiration*
D) Hyperemia and increased respiration
30. Amino acids the end products of protein digestion are absorbed from the small intestine by:
A) Simple diffusion B) Osmotic pressure directed filtration
C) Simple osmosis C) Active transport with the help of Pyridoxine*
31. A pseudocyst of pancreas is a-
A) Dilated space of necrotic tissue and blood*
B) Malignant growth
C) Sack filled with pancreatic enzymes
D) Pocket of undigested food particles
32. A client is scheduled for bilateral adrenalectomy. Which medication the attending nurse may expects that the physician may order for the immediate post operative period?
A) ACTH B) Insulin C) Pituitrin D) Hydrocortisone succinate*
33. A client experiences a brain attack. In which position should the nurse place the client?
A) Prone position B) Trendelenburg position
C) Lateral position * D) Supine position
34. A nurse is caring a client who is HIV positive. The nurse teaches the client how to prevent-
A) Depression B) Infection* C) Social isolation D) Kaposi's sarcoma
35. What should be avoided for prevention of Toxoplasmosis?
A) Contact with cat faeces* B) Working with heavy metals
C) Ingestion of fresh water fish D) Excessive radiation exposure
36. In male the structure surrounding the urethra is
A) Prostate* B) Epididymis
C) Seminal vesicle D) Bulbourethral gland
37. A client with chronic kidney failure has been advised for haemodialysis. The attending nurse understands that this is necessary because the client now has:
A) Hypertension B) Hyperkalemia* C) Acidosis D) Ascites
38. Many of the chemotherapeutic agents used in treatment of cancer cause:
A) High leukocyte level B) Lowered sedimentation rate
C) Bone marrow depression* D) Increased haemoglobin levels

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39. A nurse is administering 40 mg Lasix IV. The nurse identifies that it is being administered too fast when the client says- "My:
A) bladder is full" B) heart is beating fast"
C) left arm feels numb" D) ears are plugged up"*
40. Founder of Red Cross Movement:
A) Joseph John B) Henry Durrant*
C) Robert Powell D) None of the mentioned
41. A person has got hip joint fracture. The judgment is done by looking at the legs:
A) Rotated internally
B) Held in flexed position
C) Moved away from the body's midline*
D) Shorter than the leg of the unaffected area
42. Epistaxis is:
A) Vomiting of blood B) Coughing up of blood
C) Bleeding from rectum D) Bleeding from nose*
43. Sharp instruments are sterilized by
A) Immersing in disinfectant* B) Boiling
C) Flaming D) Cleaning withy soap
44. Inability to control passage of faeces and gas from the anus is
A) Faecal impaction B) Faecal incontinence*
C) Constipation D) Obstipation
45. The assessment data that best indicates signs of sensory deprivation include:
A) Diminished anxiety B) Altered spatial perception*
C) Improved completion of task D) Decreased need for physical stimulation
46. A binder placed around a surgical patient with anew abdominal wound is indicator for:
A) Reduction of abdominal swelling
B) Collection of wound drainage
C) Reduction of stress on the abdominal incision*
D) Stimulation of peristalsis
47. Dropping of systolic blood pressure when making the patient to stand after several days of bed rest is referred to as:
A) Rebound hypotension B) Orthostatic hypotension*
C) Positional hypotension D) Central nervous hypotension p-42
48. Bad breath from mouth is known as:
A) Halitosis* B) Stomatitis C) Cheilosis D) Gingivitis

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49. Trust versus mistrust psychosocial development occurs in:
A) Adolescence B) Infant* C) Childhood D) Toddler
50. In an AIDS education class a client states "Vaseline works great when I use condoms". Which conclusion about the client's knowledge of condom use can be drawn from this statement?
A) An understanding of safer sex
B) An ability to assume self-responsibility
C) Ignorance concerning correct use of condom*
D) Ignorance concerning the transmission of HIV
51. A missing chromosome is most likely to cause:
A) Klinefelter syndrome B) Down syndrome
C) Turner syndrome* D) Phenylketonuria
52. A complication of mumps in postpubertal male is:
A) Sterility* B) Hypopituitarism C) Decrease in libido D) Decrease in androgen
53. To reduce prolonged fever in a child what should be done with priority?
A) Prevent shivering* B) Restrict oral fluid
C) Measure output hourly D) Take vital sign hourly
54. Most serious complication of meningitis in children is:
A) Epilepsy B) Blindness
C) Peripheral circulatory collapse* D) Communicating hydrocephalous
55. Most damaging effect of lead poisoning in children is:
A) Inadequate nutrition B) Delayed development*
C) Anaemia D) Constipation
56. A three year old child is admitted with partial and full thickness burns over 30% of the body. What significant severe outcome during the first 48 hours should the nurse try to prevent?
A) Shock* B) Pneumonia C) Contractures D) Hypertension
57. Although rare, pinworm may also cause-
A) Hepatitis B) Stomatitis C) Appendicitis* D) Pneumonitis
58. Steroids are not the drug of first choice for a preadolescent with juvenile idiopathic arthritis because of their adverse effect on
A) Growth* B) Sexuality C) Emotions D) Body image
59. A skin infection caused by streptococci or staphylococci with the possible sequela of glomerulonephritis is:
A) Herpes B) Scabies C) Impetigo* D) Intertrigo

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60. A hemophilic boy has two younger sisters and one brother. The parents want to know the chances of having the disorder or being carriers among the rest children. Pick out the correct statement:

- A) Neither of the girls will be affected but the son will be carrier
- B) Both of the girls will be carriers and only one of the boys will be affected
- C) Each boy has the 50% chance to be affected and each girls has 50% chance to being a carrier*
- D) Each son has a 50% chance of being either affected or carrier.

61. A 13 year old boy reports that he is getting breasts. The nurse responds:

- A) "This is normal at your age; let's talk about it"*
- B) "You should consult your doctor"
- C) "This is nothing to worry about"
- D) "Wear tight underwear inside a button down shirt; that should hide them"

62. A seven year old child is admitted for surgery. What is the essential preoperative nursing intervention?

- A) Provide the child with favourite toys
- B) Inspect the child's mouth for loose teeth and report *
- C) Document the child's C reactive protein
- D) Encourage the parents to stay until the child leaves for operation theatre

63. An adolescent is admitted for dehydration. The doctor advises an IV of 100 ml of 0.9% sodium chloride with 20 mEq/L of potassium chloride. A 500 mL bag of 0.9% sodium chloride is available. The potassium chloride label reads 2mEq/mL. How many milliliters of potassium chloride should be added to the 500 mL bag?

- A) 2.5 mL
- B) 5.0 mL*
- C) 7.5 mL
- D) 10.0 mL

64. When counseling the parents of children with anemia related to inadequate diets, the nurse explains that several different nutrients are involved. These nutrients include protein, iron, vitamin B₁₂ and also__.

- A) Calcium
- B) Folic acid*
- C) Thiamin
- D) Riboflavin

65. Sequestration crisis in a child with sickle cell disease is characterized by:

- A) Peripheral ischemia and pain
- B) Diminished RBC production and anaemia
- C) Accelerated RBC destruction and anemia
- D) Decreased blood volume and shock*

66. The characteristic that is typical for a girl with anorexia nervosa

- A) Pyrexia
- B) Tachycardia
- C) Secondary amenorrhea*
- D) Heat intolerance

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67. It is suspected that a new born may be developing respiratory distress when the nurse observes:

- A) Flaring nares*
- B) Acrocyanosis
- C) Abdominal respiration
- D) 48 breaths per minute

68. The possible cause of leucopenia three weeks after a kidney transplant may be due to

- A) Bacterial infection
- B) High creatinine level
- C) Rejection of kidney
- D) Antirejection medication*

69. When assessing a child with chronic hypoxia the nurse should monitor

- A) Decreased RBC count
- B) Clubbing of fingers*
- C) Slow irregular respiration
- D) Subcutaneous haemorrhages

70. A person in a psychiatric clinic with major depression is tearful and refuses to eat dinner after a visit with a friend. Which one is most therapeutic statement?

- A) Allow the client to skip the meal
- B) Provide adequate quiet thinking time
- C) Reinforce the importance of adequate nutrition
- D) Offer the client the opportunity to discuss the visit.*

71. Usually Povidone iodine is used on the skin before attempting to obtain a peripheral blood culture because it-

- A) Makes the skin more supple
- B) Avoids drying the skin as does alcohol
- C) Eliminates surface bacteria that would contaminate blood culture*
- D) Provides a cooling agent to diminish the feeling of wound puncture

72. Some clients self prescribe glucosamine to get relieve joint pain and stiffness. A nurse should teach to reconsider to take this medication if the client has:

- A) Osteoarthritis
- B) Heart disease
- C) Hyperthyroidism
- D) Diabetes mellitus*

73. The practitioner prescribes 500 mg of an antibiotic IVPB every 12 hours. The vial of antibiotic contains 1 g and indicates that addition of 2.5 ml of sterile water will yield 3mL of reconstituted solution. How many milliliters of antibiotic should be added to the 50 mL IVBP bag?

- A) 1.0 ml
- B) 1.5 ml*
- C) 2.0 ml
- D) 2.5ml

74. Which test result a nurse should review before administering an antibiotic to a client?

- A) Serologic test
- B) Sensitivity test*
- C) Serum osmolality test
- D) Sedimentation test

75. After receiving streptomycin sulphate for two weeks as a part of the medical regimen for tuberculosis the client states "I feel like I am walking like a drunken seaman". The symptom may be due the drug effect on which part of the body?

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- A) Eighth cranial nerve*
C) Peripheral motor end plate

- B) Pyramidal tract
D) Cerebellar tissue

76. Ranitidine is often prescribed to the client with peptic ulcer disease. How the ranitidine acts?

- A) Increase gastric mobility
C) Facilitates histamine release
- B) Neutralizes gastric acidity
D) Inhibits gastric acid secretion*

77. Which of the techniques should a nurse teach the client to eliminate intrusive, unwanted thoughts?

- A) Reflecting
C) Thought stopping*
- B) Clouding/fogging
D) Verbalizing the implied

78. The nurse understands that neuroleptics are the drugs of choice to relieve symptoms of-

- A) Psychosis*
C) Excessive activity
- B) Depression
D) Narcotic withdrawal

79. Mention the addiction potential as number one from the list of following drugs

- A) Alcohol B) Codeine C) Heroin* D) Barbiturates

80. A nurse is caring for a client with acute salpingitis. Which condition is the most common cause of inflammation of the fallopian tube?

- A) Syphilis B) Abortion C) Gonorrhea* D) Hydatidiform mole

81. A client is prescribed prolonged bed rest after surgery. Which complication does the nurse expect to prevent by teaching the client to avoid pressure on the popliteal space?

- A) Cerebral embolism
C) Dry gangrene of a limb
- B) Pulmonary embolism*
D) Coronary vessel occlusion

82. Population strategy is the approach recommended by WHO for:

- A) Primary prevention B) Secondary prevention
C) Tertiary prevention D) Primordial prevention*

83. The science of health of travelers is known as:

- A) Etiology B) Emporiatrics* C) Epidemiology D) none

84. When assessing a client with a fracture of the neck of the femur, which clinical indicator is likely to be evident?

- A) Adduction with internal rotation
B) Adduction with external rotation
C) Shortening of the affected extremity with external rotation*
D) Lengthening of the affected extremity with internal rotation

85. After a client has a total hip replacement surgery, the nurse should avoid placing the client in which position?

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- A) Supine position
- C) Orthopenic position*

- B) Lateral position
- D) Semi-Fowler's position

86. The state during ovulation is

- A) Oxytocin level is high
- C) Luteinizing level is high*
- B) Progesterone level is high
- D) Chorionic gonadotropin level is high

87. Which is important for a nurse to discuss with a client who just had a vasectomy?

- A) Recanalization of the vasdeferens is impossible
- B) Unprotected coitus is safe within one week to ten days
- C) Some impotency is expected for several weeks
- D) At least 15 ejaculations are necessary to clear the tract of sperm*

88. Endometriosis is characterized by

- A) Amenorrhea and insomnia
- B) Ecchymoses and petechiae
- C) Early osteoporosis and pelvic inflammation
- D) Painful menstruation and back pain*

89. The cervix of a client in labour is fully dilated and totally affected. The head of the foetus is at +2 station. What should the nurse encourage the client to do during contraction?

- A) Relax by closing her eyes
- C) Blow to slow the birth process
- B) Push with her glottis open*
- D) Pant to prevent cervical oedema

90. Which complaint leads the nurse to suspect that a client has a tubal pregnancy?

- A) An adherent painful ovarian mass
- B) Lower abdominal cramping for a long period of time
- C) Slower right or left abdominal pain radiating to the shoulder*
- D) Leucorrhea or dysurea a few days after the first missed menstrual period

91. A client who is 38 week gestation faces profuse vaginal bleeding. What is the most likely cause of bleeding?

- A) Placenta previa*
- C) Ruptured uterus
- B) Placenta accrete
- D) Concealed abruption

92. At ten hours of age an infant has a large amount of mucous and becomes cyanotic. What should be done first?

- A) Administer Oxygen
- C) Record the incident
- B) Suction*
- D) Insert a nasogastric tube

93. Breast feeding is contraindicated while the mother has

- A) Mastitis
- C) Inverted nipples
- B) Hepatitis C*
- D) Herpes genitalis

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94. In myasthenia gravis because of the involvement of ocular muscles, a common early adaptation for which the nurse should monitor, the client is

- A) Tearing B) Blurring C) Diplopia* D) Nystagmus

95. A new born is Rh⁺ and the mother is Rh⁻. The infant is to receive an exchange transfusion. It is likely that the baby will receive Rh⁻ blood because

- A) It is the same as mother's blood
B) It is neutral and will not react with baby's blood
C) It eliminates the possibility of transfusion reaction
D) Its RBCs will not be destroyed by maternal anti Rh antibodies*

96. A parenteral preparation of potassium should be administered slowly and cautiously to prevent

- A) Acidosis B) Cardiac arrest*
C) Psychotic like reactions D) Oedema of the extremities

97. A nursing assessment of a client recently admitted to a alcohol detoxification unit will probably reveal

- A) Nausea* B) Euphoria C) Bradycardia D) Hypotension

98. The physician advises oropharyngeal suctioning as needed for a client in coma. Which assessment indicates the needs for suctioning?

- A) Gurgling sound with each breathe* B) Fine crackles at the base of the lungs
C) Cyanosis at the nail beds of finger D) Dry cough increasing at intervals

99. Which criterion should the nurse use to assess the gestational age of a preterm infant?

- A) Simian creases B) Reflex stability
C) Breast bud size* D) Fingernail length

100. A client has a history of myxedema. While assessing the nurse should expect the client's skin to be

- A) Dry* B) Moist C) Flushed D) Smooth