

44/2019

Maximum : 100 marks

Time : 1 hour and 15 minutes

1. The quantity of blood pumped by each ventricle into the aorta per minute is called :
(A) Stroke volume (B) Cardiac output
(C) Tidal volume (D) Blood volume
2. Majority of water reabsorption takes place in which segment of a nephron?
(A) Proximal tubule (B) Loop of Henle
(C) Distal tubule (D) Collecting tubule
3. Which among the following artery is not involved in the formation of Circle of Willis?
(A) Anterior cerebral artery (B) Posterior communicating artery
(C) Anterior communicating artery (D) Posterior cerebellar artery
4. Acetabulum is present in which bone?
(A) Scapula (B) Sacrum
(C) Tibia (D) Hip bone
5. Folds present in the mucosa of empty stomach is called :
(A) Papillae (B) Rugae
(C) Villi (D) Flagella
6. Ziehl-Neelsen method of staining is used for the detection of which micro organism?
(A) Clostridia (B) Coryne bacteria
(C) Mycobacteria (D) None of these
7. Causative organism of Weil's disease is :
(A) Treponema (B) Borrelia
(C) Leptospira (D) Varicella
8. The mental mechanism in which the person is justifying his ideas or behaviour is :
(A) Projection (B) Compensation
(C) Identification (D) Rationalisation

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[P.T.O.]

9. The inborn all-round mental efficiency is called :
- (A) Intelligence (B) Personality
(C) Aptitude (D) Learning
10. The process by which the individual learns to conform to the norms of group is :
- (A) Social stratification (B) Socialisation
(C) Social control (D) Social change
11. Marriage practice within the group is called :
- (A) Exogamy (B) Polygamy
(C) Endogamy (D) Monogamy
12. Which among the following is an organised clinical instruction in the presence of a patient?
- (A) Role play (B) Nursing care study
(C) Bedside clinic (D) None of these
13. Selecting a portion of the population to represent the entire population in research activity is called :
- (A) Sampling (B) Variable
(C) Probability (D) Statistics
14. A failure in professional duty, skill or practice that leads to injury or harm to the client is :
- (A) Crime (B) Torture
(C) Malpractice (D) Assault
15. _____ is the broad statement of the purposes, duties and responsibilities of a particular job.
- (A) Job description (B) Job analysis
(C) Job specification (D) Job statement
16. A cut Caused by Sharp Uneven instrument is :
- (A) Punctured wound (B) Incised Wound
(C) Lacerated Wound (D) Perforating Wound

17. The angle of insertion for intradermal injection is :
- (A) 19° (B) 25°
(C) 45° (D) 15°
18. An example of topical administration of medication :
- (A) Instilling ear drops (B) Giving intramuscular injection
(C) Giving through mouth (D) Giving nebulisation
19. Syru; Ampicillin 100 mg is ordered for a child, it is supplied in syrup form containing 250 mg in 5 ml. What is the dosage?
- (A) 1 ml (B) 5 ml
(C) 5 mld (D) 2 ml
20. Which Part of the nursing process includes the statements of the clients actual or potential Problem?
- (A) Assessment (B) Implementation
(C) Nursing diagnosis (D) Planning
21. For a healthy adult which vital sing indicates an abnormal finding :
- (A) Blood pressure 120/80 mg.Hg (B) Pulse –60 bpm.
(C) Respiration –14/minute (D) Temperature –38°C
22. Inflammation of the stomach is called :
- (A) Stomatitis (B) Gastritis
(C) Cheilosis (D) Enteritis
23. This type of enema is given to destroy and expel the worms from the intestine :
- (A) Stimulant Enema (B) Emollient Enema
(C) Anthelmintic Enema (D) Oil Enema
24. Florence Nightingale was born on :
- (A) May 12 – 1920 (B) May 12 – 1820
(C) May 12 – 1810 (D) May 12 – 1830

25. A Cardiac patient suffer from dyspnoea, which bed is more comfortable for relieving dyspnoea :
- (A) Bed rest (B) Cardiac Bed
(C) Stump Bed (D) Occupied Bed
26. For intramuscular injections, the angle of insertion is :
- (A) 90 degree (B) 45 degree
(C) 30 degree (D) 80 degree
27. The act of striking the body surface to elicit sounds that can be heard or vibrations that can be felt is :
- (A) Inspection (B) Palpation
(C) Percussion (D) Auscultation
28. The most reliable site for checking body temperature is :
- (A) Mouth (B) Axilla
(C) Rectum (D) Groin
29. A clinical judgement about individual, family or community responses to actual or potential health problems or life processes is :
- (A) Nursing diagnosis (B) Assessment
(C) Implementation (D) Evaluation
30. The process of sorting casualties according to priority of care and transport is :
- (A) Intensive care (B) Triage
(C) First aid (D) Rehabilitation
31. The position in which patient lies on his back, head of the bed lowered and the foot raised in a straight incline is :
- (A) Fowler's position (B) Sim's position
(C) Lithotomy (D) Trendelenburg
32. While applying suction to air passages, a suction attempt should not exceed more than :
- (A) 10 minutes (B) 10–15 seconds
(C) 15–20 seconds (D) 5 minutes

33. Mr. Rajan, 50 years is ordered intravenous Dextrose Saline 2400 ml in 24 hours. Calculate the rate of flow :
- (A) 25 drops (B) 20 drops
(C) 23 drops (D) 18 drops
34. The temperature of ear irrigation solution should be between :
- (A) 40–41°C (B) 37–38°C
(C) 33–34°C (D) 35–36°C
35. First aid treatment for snake bite includes the following except :
- (A) Help the person to lay down with head and shoulder raised
(B) Instruct not to move the bitten part
(C) Immobilize the bitten limb
(D) Slash the wound with a knife
36. A disease spreads very widely in a community or specific geographic area are called :
- (A) Endemic (B) Epidemic
(C) Sporadic (D) Pandemic
37. BCG vaccine should be kept between temperature :
- (A) 0°C to 2°C (B) 8°C to 10°C
(C) 2°C to 8°C (D) 10°C to 12°C
38. Prevention of food adulteration act came into force in :
- (A) 1996 January (B) 1955 June
(C) 1997 December (D) 2000 January
39. Organic substance settle down during the process of sewage treatment as sediment called :
- (A) Sludge (B) Scum
(C) Sullage (D) Sea wage
40. Backbone of maternal and community health services is :
- (A) Home visit (B) Under five clinic
(C) Maternal clinics (D) Child health services

41. Calciferole deficiency results to:
- (A) Night blindness (B) Angular stomatitis
(C) Rickets (D) Scurvy
42. World Health Day is celebrated on :
- (A) April 10 (B) April 9
(C) April 2 (D) April 7
43. Incubation period of Chicken pox is :
- (A) 10 to 21 days (B) 1 to 7 days
(C) 8 to 14 days (D) 14 to 21 days
44. What is used to find out the amount of residual chlorine in water?
- (A) Ozonation (B) Ultra violet irradiation test
(C) Horrock's apparatus test (D) Orthotolidine test
45. National Health Policy has been formulated and accepted by Central Government in :
- (A) September 2000 (B) September 2007
(C) September 2002 (D) September 2010
46. Immunity level exhibited by a group of individual or a community towards a particular disease is called as :
- (A) Acquired immunity (B) Natural immunity
(C) Herd immunity (D) Passive immunity
47. The first contact point of community with Medical Officer :
- (A) Home (B) Primary health centre
(C) Community health centre (D) District hospital
48. An observation that written like a short story is :
- (A) Daily diary (B) Cumulative record
(C) Family record (D) Anecdotal record
49. The effectiveness duration of Cu-380A from the day of insertion is _____ years.
- (A) 5 years (B) 10 years
(C) 7 years (D) 15 years

50. The intensity of light is measured in :
- | | |
|-----------|-----------|
| (A) Lux | (B) Poun |
| (C) Lumen | (D) Hertz |
51. Report is a form of _____ communication.
- | | |
|----------------|--------------|
| (A) Downward | (B) Upward |
| (C) Horizontal | (D) Informal |
52. How many doses of vitamin A is given to children below 6 years as per National vitamin A prophylaxis programme :
- | | |
|-------------|--------------|
| (A) 7 Doses | (B) 8 Doses |
| (C) 9 Doses | (D) 12 Doses |
53. Multipurpose health worker programme was started on the recommendation of _____ committee:
- | | |
|----------------------------|------------------------|
| (A) Kartharsingh committee | (B) Mukherji committee |
| (C) Mudaliar committee | (D) Bhore committee |
54. Head quarters of UNICEF is at :
- | | |
|------------|---------------|
| (A) Geneva | (B) New Delhi |
| (C) Paris | (D) New York |
55. Population coverage of community health centre in hilly areas :
- | | |
|--------------|------------|
| (A) 1,00,000 | (B) 80,000 |
| (C) 1,20,000 | (D) 30,000 |
56. A client's electrolyte report shows that serum potassium level is 2.9 mEq/L. Which among the following is an ECG changes that can be expected?
- | | |
|-----------------------|-------------------------|
| (A) Absent P waves | (B) Elevated T waves |
| (C) Prominent U waves | (D) Elevated ST segment |
57. Trousseau's sign of latent tetany is a clinical test for which electrolyte abnormality :
- | | |
|-------------------|------------------|
| (A) Hyperkalemia | (B) Hypocalcemia |
| (C) Hypercalcemia | (D) Hyponatremia |
58. What type of acid-base imbalance is most likely to experience in patients with Chronic Obstructive Pulmonary Disease (COPD)?
- | | |
|---------------------------|--------------------------|
| (A) Metabolic Alkalosis | (B) Metabolic Acidosis |
| (C) Respiratory Alkalosis | (D) Respiratory Acidosis |

59. What is the normal serum albumin value?
- (A) 3.4 to 5.4 g/dl (B) 6 to 8 g/dl
(C) 2.5 to 6.2 mg/dl (D) 4.5 to 8 mg/dl
60. HbA₁C is a test for :
- (A) Anaemia
(B) Average Blood glucose level for past three months
(C) Hepatitis B antigen
(D) Hepatitis C antibody
61. Which among the following intravenous solution is a hypertonic solution?
- (A) 5% dextrose in water (B) Ringer lactate
(C) 0.9% sodium chloride (D) 3% sodium chloride
62. Which maneuver is used to open airway during CPR, in patients with suspecting spinal cord injury?
- (A) Neck flexed position (B) Head tilt chin lift maneuver
(C) Jaw thrust maneuver (D) Heimlich maneuver
63. Beck's triad is a collection of three medical signs associated with cardiac tamponade. It include all except one of the following :
- (A) Decreased systolic BP (B) Distended jugular vein
(C) Widened pulse pressure (D) Muffled heart sound
64. PUVA therapy is used for the treatment of :
- (A) Psoriasis (B) Furuncle
(C) Squamous cell carcinoma of skin (D) Impetigo
65. In Lovett's scale of muscle strength assessment, grade 3 (Fair) indicate:
- (A) Active movement against full resistance
(B) Active movement on flat surface
(C) Flicker or trace of contraction
(D) Active movement against gravity
66. Which hormone deficiency causes anemia among patients with renal failure?
- (A) Erythropoetin (B) Aldosterone
(C) Renin (D) ADH

67. Desmopressin acetate (DDAVP) is prescribed for the treatment of diabetes insipidus. Which among the following indicate client's therapeutic response to treatment?
- (A) Decreased Blood pressure (B) Urine out put reduces
(C) Normal blood glucose level (D) Decreased peripheral edema
68. What is the other name for whipple's procedure?
- (A) Gastrojejunostomy (B) Gastroduodenostomy
(C) Pancreatoduodenectomy (D) Cholangiopancreatography
69. Which among the following is the most reliable cardiac isoenzyme used to diagnosis of myocardial infarction?
- (A) AST (B) Troponin T and I
(C) Myoglobin (D) CK-MM
70. In a patient on mechanical prosthetic mitral heart valve, the recommended INR for anticoagulation therapy with warfarin is :
- (A) 1 (B) 2
(C) 3 (D) 4
71. The most preferred site for intra muscular injection in children is :
- (A) Ventro Gluteal (B) Vastus Lateralis
(C) Deltoid (D) Dorso Gluteal
72. Down syndrome is characterized by :
- (A) Trisomy 18 (B) Trisomy 13
(C) Trisomy 21 (D) Trisomy 81
73. The stage which is also known as "ugly duckling stage" is :
- (A) School age (B) Toddler
(C) Infancy (D) Preschool age
74. Wasted appearance with "old man look" is typical in :
- (A) Kwashiorkar (B) Anaemia
(C) Nephritis (D) Marasmus

75. A child is prescribed with oral paracetamol 550mg. The drug is available as a syrup containing 250 mg in 5 ml. calculate the required amount :
- (A) 13 ml (B) 11 ml
(C) 10.5 ml (D) 9 ml
76. The voluntary blocking of distressing thoughts or feelings from one's awareness is :
- (A) Repression (B) Regression
(C) Suppression (D) Sublimation
77. National Mental Health Programme was launched by Government of India in :
- (A) 1981 (B) 1985
(C) 1990 (D) 1982
78. The inability to recognize or describe one's emotion or mood is :
- (A) Alexithymia (B) Anhedonia
(C) Apathy (D) Autism
79. Exaggerated concern over his bodily health is known as :
- (A) Obsession (B) Delusion
(C) Hypo chondriasis (D) Conversion
80. Writing or Pictorial art, whose sole aim is to arouse the sexual passions of the reader or viewer is called :
- (A) Pornography (B) Incest
(C) Seduction (D) Promiscuity
81. Milleu Therapy was developed by :
- (A) Sigmond Frued (B) Erickson
(C) Jean Piaget (D) Maxwell Jones
82. An illusion of recognition in which a new situation is incorrectly regarded as a repetition of a previous memory is called :
- (A) Amnesia (B) Dejavu
(C) Paramnesia (D) Dementia
83. Fear of stranger is :
- (A) Xenophobia (B) Zoophobia
(C) Algophobia (D) Acrophobia

84. In India Mental health care act was passed on :
(A) May 2014 (B) August 2013
(C) April 2013 (D) October 2014
85. Normal serum lithium level is :
(A) 0.8 to 1.2 mEq/l (B) 0.4 to 2.0 mEq/l
(C) 0.2 to 2.0 mEq/l (D) 2.0 to 2.5 mEq/l
86. Posterior fontanelle closed by :
(A) 18 weeks (B) 10 weeks
(C) 6 weeks (D) 8 weeks
87. Violet blue discoloration of the vaginal membrane is called :
(A) Probable sign (B) Hegar's sign
(C) Oslander's sign (D) Jacquemier's sign
88. The vitamin present in human colostrum that prevent haemolytic anaemia is :
(A) Vitamin A (B) Vitamin C
(C) Vitamin D (D) Vitamin E
89. Inflammation of the breast tissue is known as :
(A) Mastitis (B) Engorgement
(C) Breast abscess (D) Mastoditis
90. Lanugo appears on ————— weeks :
(A) 20 (B) 24
(C) 12 (D) 16
91. Failure to achieve orgasm resulting from complete absence of sexual desire is known as :
(A) Vaginismus (B) Impotence
(C) Frigidity (D) Ejaculatory
92. In face presentation the denominator is :
(A) Mentum (B) Occiput
(C) Acromion process (D) No denominator

93. Suture present between two parietal bones :
- (A) Coronal suture (B) Lambdoid suture
(C) Sagittal suture (D) Frontal suture
94. Number of arteries present in umbilical cord :
- (A) One (B) Two
(C) Four (D) Three
95. Primary PPH starts within :
- (A) First 24 hours (B) First 12 hours
(C) First 48 hours (D) First 10 hours
96. Assessment of Apgar score is done within :
- (A) 1 minute & 3 minute (B) 1 minute & 5 minute
(C) 1 minute & 10 minute (D) 1 minute & 7 minute
97. Placenta having two complete and separate lobes each with umbilical vessels called :
- (A) Circum vallate placenta (B) Succentariate lobe of placenta
(C) Tripartite placenta (D) Bipartite placenta
98. Using Nagele's rule for a client whose last menstrual period began on January 7th the nurse determine that the client estimated date of child birth is :
- (A) October 7th (B) September 7th
(C) September 14th (D) October 14th
99. While performing abdominal palpation which action would the nurse ask the client to perform to ensure optimal comfort and accuracy :
- (A) Breathe deeply for one minute (B) Empty her bladder
(C) Drink a full glass of water (D) Lie on her left side
100. One of the following is not a sign of placental separation :
- (A) Gush of blood (B) Lengthening of umbilical cord
(C) Change in the shape of the uterus (D) Increase in uterine size

SPACE FOR ROUGH WORK

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