

033/2023

Maximum : 100 marks

Time : 1 hour and 30 minutes

1. The difference between the end diastolic and end systolic volumes forms the :
(A) cardiac output (B) stroke volume
(C) diastasis (D) atrial systole
2. These are venous spaces situated in the middle cranial fossa, either side of sphenoid bone :
(A) sigmoid sinus (B) straight sinus
(C) cavernous sinus (D) petrosal sinus
3. It is characterised by irregular episodes of respiratory activity and apnoea :
(A) Cheyne stokes breathing (B) Biots breathing
(C) Periodic breathing (D) Dyspnoea
4. Selective reabsorption of sodium bicarbonate and secretion of hydrogen ion takes place :
(A) Distal convoluted tubule (B) Loop of Henle
(C) Proximal convoluted tubule (D) Glomerular capsule
5. The cell bodies which control skeletal muscle activity :
(A) Betz's cells (B) Wernicke's area
(C) Broca's area (D) None of the above
6. This leads to cardiac arrhythmias, alkalosis, syncope and muscle weakness :
(A) Hyperkalaemia (B) Hypokalaemia
(C) Hyponatraemia (D) Hypernatremia
7. In this condition in children the effects are diminished growth, lack of sexual development, obesity, learning disabilities :
(A) Lorain-Levi syndrome (B) Sheehan's syndrome
(C) Simmond's disease (D) Frohlich's syndrome
8. Susceptibility to diphtheria is detected by this test :
(A) Smear and culture (B) Serological diagnosis
(C) Lieshman's stain (D) Schick test

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[P.T.O.]

9. If the infection is the result of treatment or investigative procedure. It is known as :
- (A) Nosocomial infection (B) Iatrogenic infection
(C) Cross infection (D) Reinfection
10. It is used for fumigating wards, sick rooms and laboratories :
- (A) Halogens (B) Methanol
(C) Formaldehyde (D) Ethylene oxide
11. This theory explains the needs which motivate human behaviour such as need for achievement, need for affiliation :
- (A) Maslow (B) Freud's theory
(C) McClland's theory (D) None above
12. Sociology concept based on the principles of :
- (A) Social phenomenon (B) Is factual
(C) Frames laws and attempt to predict (D) Above all
13. It is a process by which sensory systems convert stimulus energy into neural messages :
- (A) Sense perception (B) Attention
(C) Paraesthesia (D) Sensory transduction
14. Which combines some of the characteristics of both reasoning and imagination?
- (A) creative thinking (B) free thinking
(C) dreaming (D) day dreaming
15. It is the source of sexual energy that builds up and needs to be expressed in some way :
- (A) Ego (B) Superego
(C) Id (D) Above all
16. He said that people differ along three personality dimensions, extraversion – introversion, neuroticism and psychoticism :
- (A) Allport (B) Cattell
(C) Eysenck (D) Costa and McCrae
17. It strengthens a response by removing an aversive stimulus :
- (A) Positive reinforcement (B) Negative reinforcement
(C) Continuous reinforcement (D) Partial reinforcement

18. The chief agencies of socialization are :
- (A) Family (B) School
(C) Friends (D) Above all
19. It is a social group determined by geographical boundaries, common values and interests :
- (A) Society (B) Community
(C) Culture (D) Above all
20. A defence mechanism through which a person unconsciously forgets unpleasant experiences :
- (A) Reinforcement (B) Regression
(C) Repression (D) Retention
21. The set of principles that reflect the primary goals, values and obligation of the profession :
- (A) Nursing standards (B) Bill of rights
(C) Code of ethics (D) Standing order
22. A patient gets Tab. Morphine for chronic pain and develops constipation. This is an example for which among the following?
- (A) Idiosyncratic effect (B) Toxic effect
(C) Allergic effect (D) Adverse effect
23. Among the barriers to communication, rejecting means :
- (A) Directing communication into areas of self interest
(B) Refusing to discuss certain points
(C) Asking information out of curiosity
(D) Making the client to admit something
24. The flow rate of oxygen by simple face mask should not be less than :
- (A) 5 liters per minute (B) 4 liters per minute
(C) 3 liters per minute (D) 2 liters per minute
25. Rapidly collapsing pulse is known as :
- (A) Bigeminal pulse (B) Water hammer pulse
(C) Bounding pulse (D) Paradoxical pulse
26. Which of the following is the initial care to be done when chemical burn is suspected?
- (A) Try to neutralize the chemical (B) Cover the burn area
(C) Flood with water (D) Give plenty of fluids

27. Which of the following is an isotonic solution?
(A) 10% Dextrose (B) 3% Saline
(C) Ringer's lactate (D) Dextrose normal saline
28. Suitable position for gynaecological examination :
(A) Sim's position (B) Lithotomy position
(C) Supine position (D) Prone position
29. Which among the following is a correct action with regard to documentation?
(A) Chart in advance of the event
(B) Use vague terms
(C) Chart for someone else
(D) Use objective, specific, factual description
30. Normal residual urine volume is :
(A) 50 – 100 ml (B) 10 – 50 ml
(C) 200 – 250 ml (D) 250 – 300 ml
31. Which of the following is primordial prevention?
(A) Action taken to remove the possibility that a disease will ever occur
(B) Action that halts the progress of a disease
(C) Action taken prior to the onset of disease
(D) Prevention of emergence of development of risk factors
32. Most heat sensitive vaccine is :
(A) Polio (B) BCG
(C) DPT (D) Measles
33. Disinfection is one which :
(A) Kills bacteria and viruses (B) Kills viruses
(C) Kills bacteria only (D) Kills spores only
34. White polished rice causes deficiency of :
(A) Vitamin E (B) Thiamine
(C) Riboflavin (D) Vitamin K

35. "Health survey and planning committee" is known as :
- (A) Kartar Singh Committee (B) Shrivastav Committee
(C) Bhore Committee (D) Mudaliar Committee
36. Mid-day meal contains proteins and calories in what proportions?
- (A) 1/2 Proteins & 1/3 Calories (B) 1/3 Proteins & 1/2 Calories
(C) 1/3 Proteins & 1/3 Calories (D) 1/2 Proteins & 1/2 Calories
37. Objective of the WHO is :
- (A) the attainment by all peoples of the highest level of health.
(B) to help poorer nations develop their human and natural resources.
(C) to promote the well-being of mankind throughout the world
(D) to help nations raise living standards and to improve nutrition of the people of all countries.
38. All are examples of Food Fortification except :
- (A) Fluoridation of water (B) Iodization of salt
(C) Saffron in milk (D) Vitamin A in Vanaspati
39. The peripheral outpost of the health care delivery system in rural areas :
- (A) Primary health centre (B) Sub centre
(C) Community health centre (D) Family health centre
40. Night blindness is due to :
- (A) Vitamin D deficiency (B) Vitamin A deficiency
(C) Protein deficiency (D) Pyridoxine deficiency
41. Battle's sign refers to :
- (A) Ecchymosis of flank area (B) Ecchymosis around the eyes
(C) Ecchymosis of cost of vertebral angle (D) Ecchymosis of the mastoid area
42. The stage of sleep with EEG pattern similar to normal awake pattern is :
- (A) Stage 1 (B) Non REM Sleep
(C) REM Sleep (D) Stage IV
43. Stag- Horn Calculi are made up of :
- (A) Calcium Oxalate (B) Cholesterol
(C) Purine (D) Magnesium Ammonium Phosphate

44. Electrolyte imbalance is seen hyperparathyroidism is called :
- (A) Hypercalcemia (B) Hypocalcemia
(C) Hyperkalemia (D) Hyponatremia
45. Pancytopenia is present in :
- (A) Aplastic anemia (B) Sickle cell anemia
(C) Hemolytic anemia (D) Pernicious anemia
46. Water-hammer pulse is a feature of :
- (A) Aortic Aneurysm (B) Mitral regurgitation
(C) Aortic regurgitation (D) Aortic stenosis
47. Heimlich maneuver is used :
- (A) To improve lung capacity
(B) To improve circulation
(C) To expel foreign bodies from the respiratory tract
(D) To stimulate cardiovascular system
48. Principles used in closed chest drainage :
- (A) Gravity, Positive pressure, Suction (B) Ambulation
(C) Gravity, Negative pressure, Suction (D) Posture
49. Intraocular pressure is measured with an instrument called :
- (A) Manometer (B) Tonometer
(C) Perimeter (D) Oculometer
50. Philadelphia chromosome is associated with :
- (A) Breast cancer (B) Glioma
(C) Leukemia (D) Thyroid cancer
51. The most persistent adverse effect of ECT is :
- (A) Fractures (B) Retrograde amnesia
(C) Seizures (D) Hypertension
52. La-belle – indifference may be seen in :
- (A) Schizophrenia (B) Phobic anxiety disorder
(C) Bipolar affective disorder (D) Dissociative disorder

53. Other name of mini mental status examination is :
- (A) Freud MSE (B) Folstein MSE
(C) Briads' MSE (D) Both (A) and (C)
54. Which of the following is a therapeutic communication technique?
- (A) Arguing (B) Sympathy
(C) Paraphrasing (D) Advising
55. The Narcotic Drugs and Psychotropic Substance Act (NDPSA) was passed in the year :
- (A) 1982 (B) 1985
(C) 1995 (D) 2000
56. Disorientation and visual hallucinations are the hallmark sign of :
- (A) Depersonalization syndrome (B) Mania
(C) Delirium (D) Schizophrenia
57. What are the most common types of side effects from SSRIs?
- (A) Dizziness, drowsiness, dry mouth (B) Diarrhoea, weight gain
(C) Convulsions, respiratory difficulties (D) Jaundice, agranulocytosis
58. Which of the following is not include in Kanner's autistic triad?
- (A) Autistic aloofness (B) Speech or language disorder
(C) Obsessive desire for sameness (D) Impulsivity
59. Which of the following are considered the positive signs of Schizophrenia?
- (A) Delusions, anhedonia, ambivalence
(B) Hallucinations, illusions, ambivalence
(C) Delusions, hallucinations, disordered thinking
(D) Disordered thinking, anhedonia, illusions
60. Role of community mental health nurse described as :
- (A) Extended role (B) Expanded role
(C) General role (D) Clinical role

61. In which of the following conditions is cyanosis NOT seen in a newborn?
- (A) Methemoglobinaemia (B) Atrial Septal Defect
(C) Tetralogy of Fallot (D) Truncus Arteriosus
62. Protein requirement of a critically ill child with Burns > 20% Total Body Surface Area burnt is :
- (A) 1 g/kg/24 hours (B) 1 – 1.5 g/kg/24 hours
(C) 1.5 – 2 g/kg/24 hours (D) 2 – 3 g/kg/24 hours
63. Which of the following sign is NOT included in the Apgar evaluation of a newborn?
- (A) Colour (B) Respiratory effort
(C) SPO₂ (D) Muscle tone
64. Daily maintenance fluid requirement of a child with weight 22 kg is :
- (A) 1540 ml (B) 2200 ml
(C) 1100 ml (D) 1560 ml
65. A condition characterised by the absence of intramural ganglion cells of the bowel is :
- (A) Malrotation of gut (B) Intussusception
(C) Hirschsprung's disease (D) Meckel's diverticulum
66. Which type of antigen does Pneumococcal vaccine contain?
- (A) Live attenuated bacteria (B) Killed bacteria
(C) Toxoid (D) Capsular polysaccharide
67. The conservation of length is recognised at the age of :
- (A) 9 – 12 years (B) 6 – 7 years
(C) 1 – 3 years (D) 13 – 15 years
68. The chromosomal genetic disorder with 47, XXY is :
- (A) Klinefelter syndrome (B) Down syndrome
(C) Turner syndrome (D) Beckwith – Wiedemann syndrome
69. Which of the following is an organic cause of Failure To Thrive in children?
- (A) Poverty (B) Illiteracy
(C) Intestinal parasitosis (D) Faulty food habits

70. Which of the following statements is false regarding Naso Gastric Tube (NGT) feeding in children?
- (A) Position the child in head elevated 30 – 45 degrees after the NGT feeding.
 - (B) The rate of flow of feeding should be above 30 ml/minute in children.
 - (C) The food/ formula should be at room temperature.
 - (D) Cap or clamp the indwelling NGT.
71. Sheehan's Syndrome is a complication of :
- (A) Hyperthyroidism
 - (B) Uterine Inversion
 - (C) Post partum Haemorrhage
 - (D) Cervical Insufficiency
72. The most obstetrically significant Anteroposterior diameter of the pelvic Inlet during labour :
- (A) Obstetrical conjugate
 - (B) Diagonal conjugate
 - (C) Anatomical conjugate
 - (D) Sacrocotyloid diameter
73. The suture which separates the parietal and frontal bones in foetal skull is :
- (A) Sagittal suture
 - (B) Metopic suture
 - (C) Coronal suture
 - (D) Lambdoid suture
74. The type of vaginal discharge expected on 2nd post natal day is :
- (A) Linea Nigra
 - (B) Lochia Rubra
 - (C) Lochia Serosa
 - (D) Linea Alba
75. Which of the following Manoeuvre is used for the delivery of shoulders in breech presentation?
- (A) Mc Robert Manoeuvre
 - (B) Lovset Manoeuvre
 - (C) Burns Marshall Manoeuvre
 - (D) Mauriceau Smellie Viet Manoeuvre
76. The most common site of ectopic pregnancy is :
- (A) Ampulla
 - (B) Isthmus
 - (C) Infundibulum
 - (D) Cornua

77. Which one of the following is NOT TRUE regarding hormonal basis for the onset of labour?
- (A) Arachidonic acid is the precursor of prostaglandins
 - (B) Oxytocin inhibit calcium binding and increase intracellular calcium level
 - (C) Prostaglandins induce formation of gap junctions
 - (D) Oestrogen fall and Progesterone rise at term
78. Fibroids which arises from uterine surface and projects into the peritoneal cavity is :
- (A) Intramural Fibroids
 - (B) Subserous Fibroids
 - (C) Submucous Fibroids
 - (D) Cervical Fibroids
79. Which one of the following statement is FALSE regarding Retraction ring?
- (A) Also known as Bandl's ring
 - (B) Forms at the junction of upper and lower uterine segment
 - (C) Feature of obstructed labour
 - (D) Results in hour glass contraction
80. Which of the following structure produces Gonadotrophins?
- (A) Anterior Pituitary gland
 - (B) Hypothalamus
 - (C) Posterior Pituitary gland
 - (D) Adrenal gland
81. The ethical principle which guides the nurse responsibility to keep promises is :
- (A) Justice
 - (B) Fidelity
 - (C) Beneficence
 - (D) Veracity
82. What is the basis of VED analysis in Inventory Control?
- (A) Degree of Criticality
 - (B) Annual consumption value
 - (C) Unit value of an item
 - (D) Consumption pattern
83. The type of patient assignment which utilizes the expertise of individual Nurses through systematic participation is :
- (A) Team Nursing
 - (B) Modular Nursing
 - (C) Primary Nursing
 - (D) Functional Nursing

84. Communication of a statement in a printed or fixed medium which can harm another person's reputation :
- (A) Slander (B) Fraud
(C) Rumour (D) Libel
85. Which among the following is an example of on the job staff development method?
- (A) Temporary Promotion (B) Case Study
(C) Incentives (D) Role play
86. The management principle which tells that there should be a clear line of authority for connecting the various levels of a single organization :
- (A) Order (B) Unity of Direction
(C) Scalar chain of command (D) Esprit de Corps
87. The style of leadership in which the leader aims to elicit desired performance from the employee by offering rewards for performance and punishment for non performance :
- (A) Transformational leader (B) Participatory leadership
(C) Autocratic leadership (D) Transactional leadership
88. The management function which focuses on measuring results, comparing result with expected standards and taking corrective action for the achievement of organizational goal :
- (A) Atuning (B) Controlling
(C) Organizing (D) Co ordinating
89. The error in performance appraisal where an employer rates an employee to the low level of evaluation scale based on a recent or single negative attribute :
- (A) Recency Effect (B) Halo Effect
(C) Horn Effect (D) Stereotyping effect
90. The management skill which is essential with high priority for top level managers :
- (A) Conceptual skill (B) Human relation skill
(C) Technical skill (D) Observation skill
91. The quality of a research tool to measure exactly what it is intended to measure :
- (A) Sensitivity (B) Validity
(C) Reliability (D) Objectivity
92. The simplest and lowest level of measurement :
- (A) Nominal Scale (B) Ordinal Scale
(C) Ratio Scale (D) Interval Scale

93. The statistical method used to identify the strength of association between two quantitative and continuous variables :
- (A) Variance (B) Correlation
(C) Quartile range (D) Standard deviation
94. The only measure of Central Tendency which uses Nominal Variables :
- (A) Mean (B) Median
(C) Mode (D) Range
95. The research design in which the investigator initially collects data about the presumed cause and then its effect on the outcome is measured :
- (A) Prospective design (B) Retrospective design
(C) Time series design (D) Cross over design
96. The method of sampling used by a researcher to find out the subjects who are rare and hard to locate :
- (A) Cluster sampling (B) Quota sampling
(C) Homogenous sampling (D) Snowball Sampling
97. The type of learning in which a child develop general diffuse reaction to a stimulus :
- (A) Discriminative learning (B) Signal learning
(C) Stimulus – response learning (D) Concept learning
98. The educational Philosopher who admired school as a garden, teacher as a gardener and students as tender plants :
- (A) Aristotle (B) Plato
(C) Froebel (D) Pestalozzi
99. The method of discussion in which different viewpoints or opinions in relation to a single topic is presented by various experts under the guidance of a chair person :
- (A) Symposium (B) Buzz discussion
(C) Panel discussion (D) Seminar
100. The instrument of choice for evaluating the proficiency of a student to reproduce a particular Nursing Skill :
- (A) Portfolio (B) Anecdote
(C) Rating Scale (D) Checklist
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SPACE FOR ROUGH WORK

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