

Mannat Group of Nursing Academy

GMCH - CHANDIGARH

Important Instructions:

- The question paper contain 100 questions
- All questions are compulsory
- One question carry one mark only
- Each wrong answer negative marking will be 0.25

Total marks: 100
Time: 1½ Hr.

PART - A

- 1. A nurse in coronary care unit is caring a client with cardiac tamponade. Which of the following findings the nurse should expect in cardiac tamponade?**
(a) Increased CVP (b) Jugular vein distention
(c) Pulses paradoxus (d) All the above
- 2. A client receiving heparin therapy must be closely monitored for changes in**
(a) PTT (b) PT INR
(c) Potassium (d) Clotting time
- 3. Which of the following inotropic agent increases cardiac output without increasing myocardial oxygen demand?**
(a) Dopamine (b) Dobutamine
(c) Digoxin (d) Propranolol
- 4. Normal value of sodium bicarbonate in blood is**
(a) 12-18 mEq/L (b) 10-20 mEq/L
(c) 22-28 mEq/L (d) 35-45 mEq/L 5
- 5. A nurse notes that the anteroposterior chest diameter is almost equal to the transverse diameter in a client admitted with respiratory distress. The nurse suspects the client may be suffering from**
(a) Pneumonia (b) Empyema
(c) Pleural effusion (d) Emphysema
- 6. Which of the following is a leukotrine modifier bronchodilator?**
(a) Monteleucast (b) Salbutamol
(c) Theophylline (d) Ipratropium bromide
- 7. A client in the emergency unit complains about severe epigastria pain that radiates to scapula especially 2 - 4 hrs after eating fatty foods. The nurse suspects that the client may be suffering from**
(a) Pancreatitis (b) Cholecystitis
(c) Gastritis (d) Peptic ulcer disease
- 8. A nurse is giving nutritional education to a client with ulcerative colitis. Which of the following statement should be excluded from his dietary plan?**
(a) He has to take low fibre diet with vitamin supplements
(b) Avoid gas forming foods and whole grains
(c) He can add milk and milk products to his diet
(d) Avoid caffeine containing foods
- 9. Which of the following is not a mixed cranial nerve?**
(a) Facial (b) Glossopharyngeal
(c) Vagus (d) Hypoglossal
- 10. Neuromuscular disease characterized by considerable weakness and fatigue of voluntary muscles due to defective transmission of nerve impulse at the myoneuronal junction, is known as**
(a) Multiple sclerosis
(b) Myasthenia gravis
(c) Gillion Barry syndrome
(d) Parkinson's disease
- 11. During physical examination of a client, the nurse finds that there is exaggerated thoracic vertebral curvature for the client. This is called as**
(a) Lordosis (b) Scoliosis
(c) Kyphosis (d) Swan neck deformity
- 12. The nurse is performing an admission assessment on a client with diagnosis of retinal detachment which of the following finding is expected?**
(a) Total loss of vision
(b) Pain in the affected eye
(c) Yellow discoloration of sclera
(d) A sense of curtain falling across the field of vision
- 13. Which of the following client is at greatest risk for developing osteoporosis?**
(a) A 25 years old woman who walks 1 hour daily
(b) A 36 year old man with asthma
(c) A 70 year old man who consumes excess alcohol
(d) A sedentary 65 year old woman who smokes cigarettes
- 14. A client with AIDS started Zidovudine therapy. Which of the following should be carefully monitored by the nurse?**



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- (a) Blood glucose level
(b) Blood urea nitrogen level
(c) Complete blood count
(d) Serum creatinine level
15. **Chronic calcific pancreatitis may need surgical intervention named as Frey's Procedure, which involves**
(a) Pancraticojejunostomy
(b) Pancreaticogastrostomy
(c) Pancreaticoduodenostomy
(d) Gastrojejunostomy
16. **In the following, which is the most important part of nursing process?**
(a) Assessment of problems or needs of the client
(b) Planning the goals
(c) Nursing intervention
(d) Evaluation
17. **Edema, pain and coolness at the IV site suggest which of the following complication of IV therapy?**
(a) Infection (b) Infiltration
(c) Circulatory overload (d) Air embolism
18. **Which of the following drug is used to constrict pupils?**
(a) Mydriatics (b) Myotics
(c) Mytotics (d) Keratolytics
19. **While giving enema for an adult client, the rectal catheter should be inserted for a distance of**
(a) 1 - 1.5 cm (b) 4 - 5 cm
(c) 8 - 10 cm (d) 10 - 15 cm
20. **At which angle intradermal injection is given**
(a) 90° (b) 45°
(c) 30° (d) 15°
21. **A client in an emergency unit is prescribed 2 pint normal saline (NS), 2 pint of DNS and 1 pint of RC over 24 hrs. Calculate the infusion rate for this client when the drop factor is 15 drops / minute.**
(a) 24 drop/minute (b) 26 drops/minute
(c) 16 drops/minute (d) 30 drops/minute
22. **For disinfecting thermometer, the strength of Savlon should be**
(a) 1 : 10 (b) 1 : 20
(c) 1 : 40 (d) 1 : 30
23. **For colostomy irrigation, temperature of irrigating solution should be**
(a) 80 - 90°F (b) 90 - 100°F
(c) 100 - 105°F (d) 110 - 115°F
24. **Which of the following test is performed for testing presence of acetone in urine?**
(a) Benedicts test (b) Rothera's test
(c) Hey's test (d) Smith's test
25. **Body mass index (BMI) between 25-30 indicates**
(a) Normal (b) Overweight
(c) Obesity (d) Underweight
26. **After death, the body temperature decreases by 1oF in each hour. This is called**
(a) Riger mortis (b) Algormortis
(c) Livormortis (d) Autolysis
27. **According to Rule of 9, percentage of burns involved in head is considered as**
(a) 9% (b) 18%
(c) 1% (d) 27%
28. **To assess a client's popliteal pulse, a nurse would palpate**
(a) Behind the knee
(b) Over the knee
(c) Below the knee
(d) Behind the antecubital fossa
29. **Which of the following destroys HIV?**
(a) Dettol
(b) Savlon
(c) Sodium hypochlorite
(d) Potassium permanganate
30. **A client admitted to a mental health unit for the treatment of psycholic behavior. A client shoats and says "Let me out there is nothing wrong with me. I don't belong here". The nurse analyses this behavior as**
(a) Denial (b) Projection
(c) Intellectualization (d) Rationalization
31. **A client admitted to mental health care unit, by seeing a design on the floor, thinks that it is a fossil. The nurse interprets this behavior as**
(a) Illusion (b) Delusion
(c) Hallucination (d) Idea of reference
32. **During a mental status examination, the nurse notices that the client's response is similar to what she says. This is called**
(a) Waxy flexibility (b) Echdalia
(c) Perseveration (d) Echopraxia
33. **Personality disorder in which an individual suspects that other people will harm his, is**
(a) Manic (b) Meloncholic
(c) Paranoid (d) Cyclothymic

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34. Irrational fear of dirt or germs is termed as
(a) Monophobia (b) Pyrophobia
(c) Xenophobia (d) Mysophobia
35. "La belle indifference" is associated with
(a) Conversion disorder (b) Hypochondriasis
(c) Somatisation disorder (d) Anorexia nervosa
36. Which of the following is not a part of a needle?
(a) Shaft (b) Bevel
(c) Hub (d) Piston
37. After death, the body temperature decreases by 1°F in each hour. This is called as
(a) Riger mortis (b) Algor mortis
(c) Livor mortis (d) Autolysis
38. Which of the following is a polyunsaturated fatty acid (PUFA)?
(a) Oleic acid (b) linoleic acid
(c) Lauric acid (d) Palmitic acid
39. After the disease has ended, a person continues to spread germs. This period is known as
(a) Incubation period
(b) Convalescent period
(c) Infective period
(d) Extrinsic incubation period
40. Which of the following drug is used for treatment of filariasis?
(a) DEC (b) Dapsone
(c) Chloroquine (d) INH
41. The vaccine used for vaccination against yellow fever is
(a) 17 D vaccine (b) Cocktail vaccine
(c) HIB vaccine (d) RA 27/3 vaccine
42. Incubation period of chicken pox is
(a) 14 days (b) 10 days
(c) 8 days (d) 20 days
43. Rabies is caused by
(a) Paramyxovirus
(b) Rota virus
(c) Human papilloma virus
(d) Lyssavirus type - I
44. Identify use of following machine pneumatic compression device used in

- (a) DVT (b) Pulmonary Embolism
(c) Varicose vein (d) Leg pain
45. NRR-1 can be achieved only if couple protection Rate (CPR) is above
(a) 40% (b) 60%
(c) 80% (d) 30%
46. Identify use of following machine pneumatic compression device used in

- (a) DVT (b) Pulmonary Embolism
(c) Varicose vein (d) Leg pain
47. Mala-D is an example for
(a) Combined pill (b) Progesterone only pill
(c) Once a month pill (d) Male pill
48. Method of cleaning of sand bed for a slow sand filter is
(a) Running water (b) Back washing
(c) Scrapping off (d) Flocculation
49. The vitamin which is given along with INH to prevent the toxic effects on the nervous systems, is
(a) Vitamin B₆ (b) Vitamin C
(c) Vitamin B₁₂ (d) Vitamin B₂
50. Byssinosis is commonly seen in association with
(a) Cement factories (b) Iron industry
(c) Field works (d) Textile industry
51. Shrivastav committee which was established in 1975 is also known as
(a) Health survey and development committee
(b) Health survey and planning committee
(c) Committee on multipurpose workers
(d) Group on medical education and support manpower
52. MTP act came in the year
(a) 1971 (b) 1961
(c) 1985 (d) 1962
53. Which of the following is not a fat soluble vitamin?
(a) Vitamin A (b) Vitamin C
(c) Vitamin D (d) Vitamin K
54. During antenatal examination the nurse should expect that fetal heart sounds are audible by

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fetoscope during

- (a) 12 weeks (b) 5 weeks
(c) 20 weeks (d) 28 weeks

55. Nausea and vomiting are common in the first trimester of pregnancy, which is due to

- (a) Increased level of HCG
(b) Increased levels of progesterone
(c) Increased levels of estrogen
(d) Both a & b

56. Ductus arteriosus connects pulmonary artery to aorta by passing

- (a) Lungs (b) Liver
(c) Kidney (d) Spleen

57. Which of the following supplements are given to a pregnant mother in order to prevent neural tube defects in infants

- (a) Iron (b) Calcium
(c) Folic acid (d) Vitamin B₆

58. A client, who is under risk for eclampsia, has given MgSO₄ intravenously. Later she develops signs of Magnesium toxicity like sweating and hypotension. Which of the following antidote should be administered to the client?

- (a) Calcium gluconate (b) Vitamin K
(c) Protamine sulphate (d) Amino caproic acid

59. Sudden painless bright red vaginal bleeding during the third trimester of pregnancy, may be due to

- (a) Abruptio placentae
(b) Umbilical cord prolapse
(c) Placenta previa
(d) Succenturiate placenta

60. The part of the fetus in the lower pole of the uterus overlying the pelvic brim, is known as

- (a) Attitude (b) Lie
(c) Presentation (d) Denominator

61. Anterior fontanel of a new born usually closes by

- (a) 1 ½ years (b) 1 ½ months
(c) 2 ½ months (d) 6 months

62. On examination of new born, the nurse notes that there is soft tissue edema over the scalp which crosses the suture lines. The nurse should tell the mother that

- (a) The baby may need a surgical intervention
(b) It will subside within few days
(c) The baby may need blood transfusion
(d) The baby should be shifted to NICU

63. Normal amniotic fluid volume at term is

- (a) 100 – 500 ml (b) 500 – 1000 ml
(c) 750 – 1500 ml (d) 1500 – 2000 ml

64. Which of the following would lead the nurse to suspect that a child with meningitis has developed disseminated intra vascular coagulation?

- (a) Hemorrhagic skin rash
(b) Edema
(c) Cyanosis
(d) Respiratory depression

65. Which of the following would be an important assessment finding for an 8 month old infant admitted with severe diarrhea?

- (a) Absent bowel sounds
(b) Pale yellow urine
(c) Normal skin turgor
(d) Depressed anterior fontanel

66. A nurse is reviewing the ECG of a client who is admitted in CCU with myocardial infarction. Which of the following finding the nurse should expect?

- (a) ST elevation (b) T wave inversion
(c) Abnormal u wave (d) All the above 8

67. A pregnant client in the last trimester has been admitted to the hospital with a diagnosis of severe pre-eclampsia. A nurse monitors for complications associated with the diagnosis and assesses the client for

- (a) Enlargement of the breast
(b) Complaints of feeling hot when the room is cool
(c) Periods of fetal movement followed by quiet periods
(d) Evidence of bleeding, such as in the gums, petechiae, and purpura

68. A nurse in a newborn nursery is monitoring a pre-term newborn for respiratory distress syndrome. Which assessment signs noted in the newborn would alert the nurse to the possibility of this syndrome?

- (a) Tachypnea and retraction
(b) Acrocyanosis and grunting
(c) Hypotension and Bradycardia
(d) Presence of barrel chest with acrocynosis

69. A nurse is assessing a newborn who was born to a mother who is addicted to drugs. Which assessment findings would the nurse expect to note during the assessment of this newborn?

- (a) Lethargy
(b) Sleepiness

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- (c) Incessant crying
(d) Caddies when being held

70. A pregnant client is receiving magnesium sulfate for the management of pre-eclampsia. A nurse determines that the client is experiencing toxicity from the medication, if which of the

following is noted on assessment?

- (a) Proteinuria 3+
(b) Respirations of 10 breaths/min
(c) Presence of deep tendon reflexes
(d) Serum magnesium level of 6 mEq/L

PART B

71. A is the father of B. B is the only son of C. C is the daughter of D. C is the mother of E. E is the sister of F. If D is married to P, then how is D related to E?

- (a) Daughter in-law (b) Son-in-law
(c) Father Mother (d) Cannot be determined

72. Nancy goes 30 km towards North from a fixed point, then after turning to her right she goes 15 km. After this she goes 30 km after turning to her right. How far and in what direction is she from her starting point?

- (a) 10m east (b) 15m east
(c) 20m east (d) 30m east

73. Find missing series. xy _ kx _ zk _ yzk _ xyz

- (a) zyxxk (b) zyxxz
(c) zkxyk (d) zxykx

74. Who got the Gurudwara at Paonta Sahib constructed?

- (a) Guru Arjun Dev (b) Guru Gobind Singh
(c) Guru Nanak dev ji (d) Guru Teg bahadur

75. Antonyms of Beautiful

- (a) Wonderful (b) Graceful
(c) Ugly (d) Handsome

76. Which of the following word best express the meaning of HAGGLE?

- (a) Crisis (b) Impeach
(c) Ignore (d) Bargain

77. Synonym of ABSOLUTE

- (a) Division (b) Complete
(c) Small (d) Half

78. Look at this series: 58, 52, 46, 40, 34, ... What number should come next?

- (a) 26 (b) 28
(c) 30 (d) 32

79. ABCD : EFGH :: IJKL ?

- (a) OPQR (b) VUWX
(c) MNPQ (d) NQPO

80. Wheat : Cereal :: Water : ?

- (a) Petrol (b) Liquid
(c) Diesel (d) Kerosene

81. Select the correct combination of mathematical signs to replace the * signs and to balance the given equation: $40 * 2 * 4 * 3 * 8$

- (a) + - ÷ = (b) ÷ + ÷ =
(c) + ÷ × = (d) + × - =

82. If Music is coded as 37489 and GHAZALAS is coded as 6051524, then how can SILICA be coded

- (a) 483895 (b) 482895
(c) 482985 (d) 483985

83. Arrange the following words in a logical sequence-

- (1) Result (2) Interview
(3) Exam (4) Application
(5) Appointment

- (a) 43125 (b) 32145
(c) 31245 (d) 42315

84. Difference between two numbers is 5, six times of the smaller lacks by 6 from the four times of the greater. Find the numbers?

- (a) 14 & 9 (b) 15 & 10
(c) 13 & 8 (d) 12 & 7

85. A man has a certain number of small boxes to pack into parcels, if he packs 3, 4, 5 or 6 in a parcel; he is left with one over. What is the number of boxes, he may have to pack?

- (a) 106 (b) 301
(c) 400 (d) 309

86. The sum of three consecutive multiple of 3 is 72. What is the second largest number?

- (a) 21 (b) 24
(c) 27 (d) 42

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87. WWW stands for
(a) World Whole Web (b) Wide World Web
(c) Web World Wide (d) World Wide Web
88. Which of the following are components of Central Processing Unit (CPU)?
(a) Arithmetic logic unit, Mouse
(b) Arithmetic logic unit, Control unit
(c) Arithmetic logic unit, Integrated Circuits
(d) Control Unit, Monitor
89. Which among following first generation of computers had ?
(a) Vacuum Tubes and Magnetic Drum
(b) Integrated Circuits
(c) Magnetic Tape and Transistors
(d) All of above
90. Complete the series 2, 5, 9, 19, 37.....
(a) 76 (b) 74
(c) 75 (d) None of these.
91. Which ministry has launched an online quiz program named "BHARAT KO JANIYE"
(a) Ministry of commerce
(b) Ministry of HRD
(c) Ministry of Overseas Indian Affairs
(d) Ministry of culture
92. Which is the nearest planet to the sun
(a) Mercury (b) Venus
(c) Pluto (d) Jupiter
93. UNO was founded in the year
(a) 1945 (b) 1940
(c) 1935 (d) Jupiter
94. Consumer day is celebrated on
(a) January 24 (b) October 23
(c) April 15 (d) March 15
95. Telescope was first invented by
(a) Hans Lippershey (b) Copernicus
(c) Galileo Galilei (d) Hubble
96. Vitamin A : Night blindness :: ? : Scurvy
(a) Vitamin B (b) Vitamin K
(c) Vitamin A (d) Vitamin C
97. At which level of health organization is the DGHS
(a) State level (b) District level
(c) Village level (d) Central level
98. Indian Awaas Yojna is meant for which population
(a) Semi - urban (b) Rural
(c) Urban (d) Urban and Rural
99. Which of the following is not a type of printer?
(a) Inkjet (b) 3-d
(c) Landscape (d) Laserjet
100. An extremely fast memory that works as an intermediary between CPU and main memory is called
(a) Cache (b) EPROM
(c) Blu - ray disk (d) DRAM