Question Booklet Alpha Code



Total Number of Questions : 100

Question Booklet SI. No.

Time : 90 Minutes

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Maximum Marks : 100

INSTRUCTIONS TO CANDIDATES

- 1. The Question Paper will be given in the form of a Question Booklet. There will be four versions of Question Booklets with Question Booklet Alpha Code viz. **A**, **B**, **C** & **D**.
- 2. The Question Booklet Alpha Code will be printed on the top left margin of the facing sheet of the Question Booklet.
- 3. The Question Booklet Alpha Code allotted to you will be noted in your seating position in the Examination Hall.
- 4. If you get a Question Booklet where the alpha code does not match to the allotted alpha code in the seating position, please draw the attention of the Invigilator IMMEDIATELY.
- 5. The Question Booklet Serial Number is printed on the top right margin of the facing sheet. If your Question Booklet is un-numbered, please get it replaced by new Question Booklet with same alpha code.
- 6. The Question Booklet will be sealed at the middle of the right margin. Candidate should not open the Question Booklet, until the indication is given to start answering.
- 7. Immediately after the commencement of the examination, the candidate should check that the Question Booklet supplied to him/her contains all the 100 questions in serial order. The Question Booklet does not have unprinted or torn or missing pages and if so he/she should bring it to the notice of the Invigilator and get it replaced by a complete booklet with same alpha code. This is most important.
- 8. A blank sheet of paper is attached to the Question Booklet. This may be used for rough work.
- 9. Please read carefully all the instructions on the reverse of the Answer Sheet before marking your answers.
- 10. Each question is provided with four choices (A), (B), (C) and (D) having one correct answer. Choose the correct answer and darken the bubble corresponding to the question number using Blue or Black Ball Point Pen in the OMR Answer Sheet.

11. Each correct answer carries 1 mark and for each wrong answer 1/3 mark will be deducted. No negative mark for unattended questions.

- 12. No candidate will be allowed to leave the examination hall till the end of the session and without handing over his/her Answer Sheet to the Invigilator. Candidates should ensure that the Invigilator has verified all the entries in the Register Number Coding Sheet and that the Invigilator has affixed his/her signature in the space provided.
- 13. Strict compliance of instructions is essential. Any malpractice or attempt to commit any kind of malpractice in the Examination will result in the disqualification of the candidate.

- 1. Which among the following muscles is a strong abductor and medial rotator of the thigh ?
 - A) Gluteus medius
 - C) Gracilis

- B) Pectinius
- D) Obturator externus
- 2. Which among the following organ has both Skeletal and Smooth Muscles in its muscularis externa?
 - A) Jejunum B) Esophagus
 - C) Stomach

- D) Duodenum
- 3. The Cerebral arterial circle (Circle of Willis) composed of all of the listed arteries except
 - A) Basilar artery B) Internal carotid artery
 - C) Anterior cerebral D) Choroidal artery
- 4. Which of the following carpal bone of the hand is found in the Proximal row ?
 - A) Pisiform
 - C) Capitate

- Stimulation of the parasympathetic nervous system leads to
 - A) Constriction of pupils
 - B) Constriction of skin vessels
 - C) Constriction of gastrointestinal sphincters
 - D) Constriction of brain vessel
- 6. Sharply delineated, eosinophilic inclusions in the neuronal perikarya and proximal dendrites in rabies are known as
 - A) Cowdry B bodies B) Guarneri bodies
 - C) Negri bodies D) Cowdry A bodies
- 7. Which of the following is a human RNA virus ?
 - A) Parvovirus B) Rhabdovirus
 - C) Papovavirus D) Poxvirus
- 8. Which of the following is a high-level disinfectant?
 - B) Quaternary ammonium compound A) Glutaraldehyde
 - C) Alcohol D) lodophors
- 9. Which is the recommended transport medium for Vibrio cholerae ?
 - A) MacConkey's Agar B) Pike's medium
 - C) Sach's buffered glycerol saline D) Cary-Blair medium

- D) Hamate
- B) Trapezium

- 10. Undulant fever is commonly transmitted by all of the following routes except
 - A) Person to person

B) Through the placenta of animals

C) Aerosol transmission

- D) Eating uncooked food
- 11. Group in which individuals interact over a long period of time on a direct and personal basis is known as
 - A) Formal Group

- B) Large Group
- C) Primary Group D) Reference Group
- 12. Spread of one's cultural practices, believes or items among members of the same culture or different cultures around the word is known as
 - A) Cultural transmission B) Cultural diffusion
 - C) Cultural inventions D) Cultural uniformity
- 13. Arrange the stages of family cycle in chronological sequence.
 - A) Formation, Extension, Contraction, Complete extension, Complete contraction, Dissolution
 - B) Formation, Extension, Complete extension, Dissolution, Contraction, Complete contraction
 - C) Formation, Extension, Complete extension, Contraction, Complete contraction, Dissolution
 - D) Formation, Contraction, Complete contraction, Extension, Complete extension, Dissolution
- 14. Mixing of two cultures due to cultural contact, when people with different cultures comes in contact is known as
 - A) Sociometry B) Soc
 - C) Social mobility

- B) Socialisation
- D) Acculturisation
- 15. Which among the following is a formal method of Social Control ?
 - A) Coercion B) Norms or mores
 - C) Morality D) Customs
- 16. Which of the following is a similarity between Thematic Appreciation Test and Word Association Test ?
 - A) Both tests are examples of learning approach for studying personality
 - B) Both tests are examples of projective personality tests
 - C) Both tests were evolved from minnesota multiphasic personality Inventory
 - D) Both tests are evolved from social learning theory
- 17. When we gather together particular observations in the form of premises and draws a general condition, it is
 - A) Deductive reasoning

C) Divergent thinking

- B) Inductive reasoning
- D) Critical thinking

- When an older memory interferes with a new memory it is known as
 - B) Retroactive interference A) Displacement
 - C) Proactive interference D) Fading
- 19. Learning in which behaviour is strengthened followed by reinforcement is known as
 - A) Classical conditioning B) Transfer of learning
 - C) Latent learning D) Operant conditioning
- 20. A type of long-term memory that deals with the encoding of abstract knowledge is
 - B) Episodic memory A) Semantic memory
 - C) Implicit memory D) Flash-Bulb memory
- 21. How many drops per minute are to be administered for 15 ml/hour IV infusion with drop factor 20/ml ?
 - A) 20 B) 15 C) 3 D) 5
- 22. What nursing action prevents the transmission of pulmonary tuberculosis ?
 - A) Wear a mask when exiting the room
 - B) Wash the hands after leaving the room
 - C) Have the client wear a mask from admission
 - D) Stock the supply cart at each shift
- 23. What is the compression ventillation ratio in adult basic life support?
 - B) 30:2 A) 30:1
 - C) 15:1 D) 15:2
- What is the GCS score if a patient is opening eyes to call, localises pain and confused?
 - B) $E_3M_5V_4$ A) $E_3M_4V_4$ C) $E_4M_4V_3$ D) $E_4 M_5 V_3$
- 25. A life threatening complication of immobility is
 - A) Pulmonary embolism B) Pulmonary oedema
 - C) Gastro intestinal bleeding D) Urinary tract infection
- 26. Which cranial nerve is evaluated by asking the patient to smile, frown and raise and lower the eyebrows?
 - A) Trigeminal B) Oculomotor C) Facial D) Hypoglossal

- 27. Interpret the ABG values : pH 7.35, $PaO_2 95\%$, $PaCO_2 49\%$, $HCO_3^- 30$ Meq/dl.
 - A) Respiratory acidosis compensated
 - B) Respiratory acidosis partially compensated
 - C) Metabolic acidosis compensated
 - D) Metabolic acidosis partially compensated
- 28. The gradual decrease of body's temperature after death is called
 - A) Livor mortis B) Algor mortis
 - C) Rigor mortis D) Hypo mortis
- 29. Which of the following indicates proper use of a triangle arm sling ?
 - A) The sling extends to the proximal of the hand
 - B) The elbow is kept flexed at 90° or more
 - C) The sling is removed every 2 hours
 - D) The knot is placed on either side of the vertebrae of the neck
- 30. What finding on physical examination of a patient is a possible indicator of malnutrition ?
 - A) Spoon shaped nails
 - B) Nails curve around the finger tips
 - C) Pinkish red oral mucous membrane
 - D) Thick dry skin and dry hair
- 31. The recommended caloric requirement of 2 year old child is
 - A) 1000 kcal/day B) 1100 kcal/day
 - C) 1200 kcal/day D) 1300 kcal/day
- 32. The rate of energy supply of protein is
 - A) 4 kcal/gm B) 7 kcal/gm
 - C) 9 kcal/gm D) 12 kcal/gm
- 33. The Vitamin that promotes absorption of iron is
 - A) Vitamin E B) Vitamin D
 - C) Vitamin A D) Vitamin C
- 34. Which among the following is a viral food born infection ?
 - A) Typhoid fever B) Salmonellosis
 - C) Gastroenteritis D) Amoebiasis

- 35. Which among the following is the mode of intervention for secondary prevention ?
 - A) Health promotion and specific protection
 - B) Environmental protection and modifications
 - C) Disability limitation and rehabilitation
 - D) Early diagnosis and treatment
- 36. A child can draw a complete rectangle at
 - A) 2 years B) 3 years
 - C) 4 years D) 5 years
- 37. The cabinet temperature maintained in ILR is
 - A) $+ 2^{\circ}$ C to $+ 8^{\circ}$ CB) 4° C to $+ 4^{\circ}$ CC) 14° C to 20° CD) $+ 8^{\circ}$ C to $+ 14^{\circ}$ C
- 38. Post coital contraception is recommended within
 - A) 96 hours of an unprotected intercourse
 - B) 72 hours of an unprotected intercourse
 - C) 48 hours of an unprotected intercourse
 - D) 24 hours of an unprotected intercourse
- The capacity of an infectious agent to invade survive and multiply in a host is called
 - A) Contamination B) Pathogenicity
 - C) Virulence
- 40. A pneumoconiosis due to inhalation of cotton dust over long period of time is
 - A) Silicosis B) Byssinosis
 - C) Bagassosis D) Siderosis
- 41. Chemotherapy drug that is well known to produce cardiac toxicity is
 - A) Doxorubicin B) Dacarbazine
 - C) Streptozocin D) Ifosfamide
- 42. Bair Hugger is used to
 - A) Oxygenate the patient
 - C) Provide warmth
- B) Fumigate OT

B) Acute Kidney Injury

D) Infectivity

- D) Assess arterial blood gases
- 43. Patient with Rhabdomyolysis are at risk for the developing
 - A) Acute Coronary Syndrome
 - C) Fulminant Hepatic Failure D) Fat Embolism Syndrome

44. Albuterol is aA) BronchodilatorC) Corticosteroid	B) MucolyticD) Vasodilator	
45. Drug used to maintain patency of Pate	nt Ductus Arteriosus is	
A) I/V Propranolol	B) Inj.Atropine	
C) Inj.Morphine	D) Prostaglandin infusion	
46. Cobblestone appearance is seen in		
A) Pulmonary fibrosis	B) Subcutaneous emphysema	
C) Crohn's disease	D) Ulcerative colitis	
47. Scleral buckling is done as the management of		
A) Retinal detachment	B) Strabismus	
C) Glaucoma	D) Astigmatism	
48. Normal value of HCO ₃ level in the arterial blood is		
A) 30-34 mEq/L	B) 22-26 mEq/L	
C) 12-20 mEq/L	D) 44-50 mEq/L	
49. Swaged needles are suture needles		
A) with oblong eyes	B) with split eyes	
C) without eyes	D) with spring eyes	
50. The NIHSS is a scale that is used to as	50. The NIHSS is a scale that is used to assess	
A) Outcome of patients with stroke		
B) Health status of patients with sepsis	8	
C) Outcome of patients with shock syndrome		
D) Health status of patients with spinal surgery		
51. The defense mechanism of voluntary blocking of distressing thoughts or feelings from one's awareness is called		
A) Repression	B) Regression	

C) Sublimation D) Suppression

52. Which of the following are correct about physical barriers of communication ?

- i. Noise
- ii. Hearing deficits
- iii. Introvert personality
- iv. Lack of privacy
- A) Only i and iii B) Only i and iv
- C) Only ii and iii D) All of the above i, ii, iii, iv
- 53. Which is the main source of dopamine for brain ?
 - A) Thalamus B) Cerebrum
 - C) Substantia Nigra D) Cerebellum
- 54. Exaggerated conception of one's own importance, social power or identity is called
 - A) Delusion of grandeurB) Delusion of persecutionC) Delusion of referenceD) Delusion of infidelity
- 55. The purposeless stereotyped involuntary repetitive jerking movements of short duration due to contraction or twitching of small group of muscles are called
 - A) Tremor B) Torticollis
 - C) Tics D) Mannerisms
- 56. The imaginary perception in the absence of real stimuli is called
 - A) IllusionB) DelusionC) HallucinationD) Dementia
- 57. What is the inability or difficulty in describing one's emotions or unable of being aware of one's emotions or mood ?
 - A) Alexithymia B) Anhedonia
 - C) Ambivalence D) Autism
- 58. All drugs are mood stabilizers except
 - A) LithiumB) LibriumC) Sodium valproateD) Carbamazepine

C) Aversion therapy D) Abreaction i. Delusion ii. Hallucination iii. Disorganized speech iv. Anhedonia A) Only i and iv B) Only ii and iv C) Only i, ii and iii D) All of the above i, ii, iii and iv 61. The target group of Weekly Iron and Folic acid Supplementation (WIFS) programme is A) Adults B) School going girls and boys C) Older people D) Breast-feeding infants 62. Which of the following does not belong to the major criteria of Jone's criteria for diagnosing Acute Rheumatic Fever ? A) Carditis B) Chorea C) Arthralgia D) Polyarthritis pelvis A) Fracture clavicle B) Fracture femur C) Fracture skull D) Fracture patella 64. Which of the following method is not used to estimate body surface area burned ? A) Rule of nine B) Rule of hand C) Rule of ten D) Rule of five A) 21 – 35 B) 0 – 20 D) 51 - 70 C) 36 - 50

87/25

- 59. The Behavioral therapy in which the pleasant stimulus is paired with an unpleasant response is
 - A) Flooding B) Systematic desensitization
- 60. Which of the following statements are correct about positive symptoms of schizophrenia?

- 63. The common fracture in neonates during the passage through small maternal
- 65. The educable group of mental handicap belong to IQ level of

- 66. Levitracetum drug is commonly used in children for the treatment of
 - A) Nephrotic syndrome
 - B) Atrial septal defect
 - C) Seizures
 - D) Pneumonia
- 67. Ductus Arteriosus is a foetal large vessel which connects
 - A) Right pulmonary artery with descending aorta
 - B) Left pulmonary artery with ascending aorta
 - C) Right pulmonary artery with arch of aorta
 - D) Left pulmonary artery with descending aorta
- 68. The ratio of all late foetal deaths and early neonatal deaths weighing 1000 grams and above and total live births weighing 1000 grams and above is
 - A) Perinatal mortality rate
 - B) Neonatal mortality rate
 - C) Post neonatal mortality rate
 - D) Infant mortality rate
- 69. Poor communication skill, repetitive behaviour, abnormalities in social interactions are the characteristic manifestations of
 - A) ADHD
 - B) Autistic spectrum disorders
 - C) Learning disability
 - D) Temper tantrum

70. 'Ugly Duckling Stage' in dentition is associated with

- A) Infancy age B) Adolescent age
- C) Pre-school age D) School age
- 71. The therapeutic level of serum magnesium is
 - A) 0 to 3 mEq/L B) 4 to 7 mEq/L
 - C) 8 to 10 mEq/L D) 10 to 12 mEq/L
- 72. Which of the following is true regarding Erb's Palsy ?
 - A) Injury to first and second cervical nerve roots
 - B) Arm remains abducted
 - C) The biceps jerk is lost
 - D) Hand grasp is abnormal

- 73. Which of the following are hazards of gestational diabetes mellitus ?
 - i. Increased perinatal loss
 - ii. Macrosomia
 - iii. Oligohydramnios
 - A) Only i and ii
 - C) Only i and iii

- B) Only ii and iii
- D) All of the above i, ii and iii
- 74. Which of the following statement is/are correct about withholding resuscitation in newborn ?
 - i. Birth weight less than 400 grams
 - ii. Gestational age less than 23 weeks
 - iii. Asystole for less than 10 minutes after effective resuscitation
 - A) Only i and ii B) Only ii and iii
 - C) Only i and iii D) All of the above i, ii and iii
- 75. Failure of emission of semen is known as
 - A) Asthenozoospermia B) Azoospermia
 - C) Aspermia D) Oligospermia
- 76. Which of the following can prevent prolonged labor ?
 - i. Antenatal or early intranatal detection
 - ii. Use of partograph
 - iii. Avoiding augmentation of labor
 - A) Only ii and iii B) Only i and ii
 - C) Only i and iii D) All of the above i, ii and iii
- 77. The positive evidence of pregnancy and living foetus includes
 - A) Jacquemier's sign B) Osiander's sign
 - C) Active foetal movement D) Foetal heart sound
- 78. Which of the following are immediate puerperal emergencies ?
 - i. Postpartum hemorrhage
 - ii. Acute retention of urine
 - iii. Shock
 - A) Only ii and iii B) Only i and ii
 - C) Only i and iii D) All of the above i, ii and iii

79. Which of the following are the intrapartum risk factors of puerperal sepsis ?

- i. Antepartum hemorrhage
- ii. Dehydration and ketoacidosis
- iii. Preterm labor
- A) Only i and iii

- B) Only i and ii
- C) Only ii and iii D) All of the above i, ii and iii

80. Which of the following is a fact of endometriosis ?

- A) Asymptomatic in good number of cases
- B) Absence of remission in pregnancy
- C) Subjective symptoms are proportionate to objective signs
- D) Not frequently associated with infertility

81. Focus of teaching must be

A) Teacher centred	B) Student centred
C) Institution centred	D) Society centred

82. ______ is a teaching method that encourages critical thinking of learners, analyse

the situation and apply principles to reach a valid conclusion.

- A) Micro teachingB) Programmed instructionC) Self instructional moduleD) Problem based learning
- 83. One speaker addresses large audience is _____ method of teaching.
 - A) Lecture B) Symposium
 - C) Panel discussion D) Role play
- 84. Find the mode of the following distribution :

1, 3, 4, 2, 5, 4, 6, 2, 3, 6, 5, 3, 4, 3, 1.

- A) 1 B) 3 C) 4 D) 5
- 85. The size of flash cards to address small group of audience is

A) 10 cm × 15 cm	B) 10 cm × 20 cm
C) 15 cm × 15 cm	D) 25 cm × 30 cm

86. A Quasi experimental design does not have the feature of

A) Manipulation	B) Control		
C) Randomisation	D) Post test		
87. A tentative prediction of relationship bet	7. A tentative prediction of relationship between two variables is		
A) Problem statement	B) Objective		
C) Hypothesis	D) Standard error		
88 is a tool that assigns a numeric score on a continuum with respect to the attribute being measured.			
A) Structured questionnaire	B) Scale		
C) Checklist	D) Q sorts		
89. The level of significance represented as P is the probability of making			
A) Type I error	B) Type II error		
C) Both A) and B)	D) None of the above		
90. Blood Pressure value is type of data.			
A) Nominal	B) Ordinal		
C) Both A) and B)	D) Continuous		
91. The means of direction, guidance and controlling workforce to accomplish the assigned task in management process is			
A) Delegation	B) Supervision		
C) Motivation	D) Observation		
92. A diagrammatical representation of the	•		
A) OrganogramC) PERT Chart	B) GANTT ChartD) PIE Chart		
93. The process of ensuring that events co			
A) Planning	B) Controlling		
C) Organizing	D) Directing		

54.	demands is called	
	A) Buffer stock	B) Cycle stock
	C) Optimal stock	D) Available stock
95.	An organization that defines hierarchical re is a	elationships, authority and responsibilities
	A) Functional Organization	B) Formal Organization
	C) Line Organization	D) Informal Organization
96.	Which one of the following is a necessary proto to meet minimum standards to operate ?	rocess that requires health care institutions
	A) Accreditation	B) Affiliation
	C) Licensure	D) Certification
97.	97. The style in which management does not allow subordinates to participate in decisior making due to low confidence in them is known as	
	A) Exploitive	B) Authoritative
	C) Consultative	D) Participative
98.	'POSDCORB'-a seven – activity acronym o management is	coined by one of the following experts in
	A) Lyndall Urwick	B) McGregor
	C) Locke Edwin A.	D) Luther Gulick
99.	99. The principle of ethics that means "tells the truth"; be honest with the patients, families and peers is	
	A) Fidelity	B) No maleficence
	C) Veracity	D) Beneficence
100.	A process of moving or allocating the human resources to new work stations withir the organization structure is	
	A) Deployment	B) Development
	C) Appraisal	D) Allocation

94. The quantity of stores set apart is used only at the time of emergency for unforeseen

Space for Rough Work