

034/2024

Maximum : 100 marks

Time : 1 hour and 30 minutes

1. Injury to the lower trunk of Brachial plexus is called :
 - (A) Erb's paralysis
 - (B) Klumpke's paralysis
 - (C) Claw hand
 - (D) Horner's syndrome

2. A long bone which has two primary centres of ossification is :
 - (A) Tibia
 - (B) Femur
 - (C) Humerus
 - (D) Clavicle

3. Anterior inter-ventricular artery is a branch of :
 - (A) Right coronary artery
 - (B) Left coronary artery
 - (C) Aortic arch
 - (D) Terminal artery

4. Commonest source of extradural haemorrhage is :
 - (A) Middle cerebral artery
 - (B) Anterior cerebral artery
 - (C) Middle meningeal artery
 - (D) Maxillary artery

5. Conversion of polypeptides to various amino acids is by the action of :
 - (A) Trypsin
 - (B) Erepsin
 - (C) Enterokinase
 - (D) Invertase

6. Membrane covering the apex of lungs is known as :
 - (A) Sibson's fascia
 - (B) Scarpa's fascia
 - (C) Waldeyer's fascia
 - (D) Camper's fascia

7. Cerebral ventricle which lies between thalami is :
 - (A) Lateral ventricle
 - (B) 3rd ventricle
 - (C) 4th ventricle
 - (D) None

8. Tongue is supplied by all cranial nerves except :
 - (A) Trigeminal
 - (B) Facial
 - (C) Vagus
 - (D) Glossopharyngeal

A

3

[P.T.O.]

9. Superior oblique muscle moves eye ball to :
(A) Upwards and Outwards (B) Downwards and Outwards
(C) Upwards and Inwards (D) Downwards and Inwards
10. Paired cartilages of larynx are all except :
(A) Arytenoid (B) Corniculate
(C) Cuneiform (D) Cricoid
11. Pulse protein is deficient in which of the following essential amino acid :
(A) Lysine (B) Methionine
(C) Threonine (D) Tryptophan
12. Recommended Daily Allowance of free folate in pregnancy is :
(A) 500 mcg (B) 600 mcg
(C) 300 mcg (D) 400 mcg
13. The first clinical sign of Vitamin A deficiency :
(A) Night blindness (B) Corneal xerosis
(C) Conjunctival xerosis (D) Keratomalacia
14. Best test to detect iron deficiency in community is :
(A) Haemoglobin (B) Serum ferritin
(C) Serum transferrin (D) Serum iron
15. Ingestion of which of the following can result in ergotism?
(A) Bajra (B) Maize
(C) Kesaridhal (D) Mustard
16. Podiatrists deals with :
(A) Care of eyes (B) Care of skin
(C) Care of feet (D) Care of teeth
17. Another name of Periodontal diseases :
(A) Halitosis (B) Dental caries
(C) Pyorrhoea (D) Dental flurosis
18. Excessive scaling of scalp skin :
(A) Corns (B) Dandruff
(C) Hyperhidrosis (D) Caries

19. Excessive sweating with offensive smell is called :
(A) Hyperhidrosis (B) Halitosis
(C) Bromidrosis (D) Corns
20. A rough dry skin is attributed to deficiency of :
(A) Vitamin C (B) Vitamin B complex
(C) Vitamin A (D) Vitamin K
21. Most commonly reported disease in the post disaster period is :
(A) Acute Respiratory Infections (B) Gastroenteritis
(C) Tetanus (D) Malaria
22. During a disaster, rapidly classifying the injured on the basis of likelihood of their survival with prompt medical intervention, is a part of :
(A) Search, rescue and first aid (B) Triage
(C) Tagging (D) Disaster Mitigation
23. In a Triage Black colour is for :
(A) High priority treatment (B) Medium priority treatment
(C) Moribund patient (D) Ambulatory patient
24. Which of the following vaccines is recommended by WHO in routine use in endemic areas?
(A) Typhoid (B) Cholera
(C) Both of these (D) None of these
25. Epidemics after disaster are caused by all except :
(A) Leptospirosis (B) Rickettsiosis
(C) Leishmaniasis (D) Acute respiratory infection
26. Which of the following is the most logical sequence?
(A) Impairment – Disease – Disability – Handicap
(B) Disease – Impairment – Disability – Handicap
(C) Disease – Impairment – Handicap – Disability
(D) Disease – Handicap – Impairment – Disability
27. A person who has lost his foot in an accident and is not able to walk is an example of :
(A) Disease (B) Impairment
(C) Handicap (D) Disability
28. “Disability limitation” is mode of intervention for :
(A) Primordial prevention (B) Primary prevention
(C) Secondary prevention (D) Tertiary prevention

29. In an area with fluoride rich water, the defluoridation of water is which level of prevention?
- (A) Primary level (B) Secondary level
(C) Tertiary level (D) Primordial level
30. Which mode of intervention is like “stamping out the spark rather than calling the fire brigade to put out the fire”?
- (A) Specific protection (B) Early diagnosis and treatment
(C) Disability limitation (D) Health promotion
31. Enhanced Malaria Control Programme (EMCP) launched in the year :
- (i) 1953
(ii) 1999
(iii) 1997
- (A) Only (i) (B) Only (ii)
(C) Only (iii) (D) None of these
32. PTCT is associated with :
- (i) RNTCP
(ii) National AIDS Control Programme
(iii) National Malaria Control Programme
- (A) Only (ii) (B) Only (iii)
(C) Only (i) (D) All of these
33. Target Free Approach introduced in:
- (i) National FW Programme
(ii) RCH Programme
(iii) CSSM
- (A) Only (i) (B) Only (ii & iii)
(C) Only (i & iii) (D) Only (ii)
34. “Man is the midst of disease” - this situation is referred in :
- (i) Pre pathogenesis phase
(ii) Pathogenesis phase
(iii) Disease transmission phase
- (A) Only (i & iii) (B) Only (i)
(C) Only (ii & iii) (D) Only (ii)

- 35.** RNA Paramixovirus causes :
- (i) Chickenpox
 - (ii) Measles
 - (iii) Rubella
- (A) Only (iii) (B) Only (ii)
(C) Only (i) (D) Only (ii & iii)
- 36.** Food Poisoning is caused by :
- (i) Clostridium botulism
 - (ii) Clostridium tetani
 - (iii) Arbo virus
- (A) Only (i & ii) (B) Only (iii)
(C) Only (i) (D) Only (i, ii & iii)
- 37.** MDT is the treatment for :
- (i) Lymphatic Filariasis
 - (ii) Leprosy
 - (iii) Japanese encephalitis
- (A) Only (ii) (B) Only (i)
(C) Only (iii) (D) None of these
- 38.** Integrated vector control activities conducting for control and prevention of :
- (i) Malaria
 - (ii) Dengue fever
 - (iii) Leprosy
- (A) Only (i & ii) (B) Only (i & iii)
(C) Only (i) (D) Only (i, ii & iii)
- 39.** Transmission of Malaria :
- (i) Vector transmission
 - (ii) Direct transmission
 - (iii) Congenital transmission
- (A) Only (i & ii) (B) Only (i & iii)
(C) Only (i, ii & iii) (D) Only (i)

40. The infectious agent undergoing replication or development in vector :
- (i) Mechanical transmission
 - (ii) Biological transmission
 - (iii) Cyclo developmental transmission
- (A) Only (i) (B) Only (ii)
(C) Only (ii & iii) (D) Only (i & ii)
41. The Father of Public Health :
- (A) Edward Jenner (B) Francis Crick
(C) Frederick Banting (D) Cholera
42. The era of disease prevention by specific measures started due to _____ identify the correct combination of reason/reasons below :
- (i) Intake of fresh fruit and vegetables found for the prevention of scurvy
 - (ii) Discovery of vaccination against small pox
 - (iii) Discovery of vaccine against cholera
- (A) Only (i) (B) Only (i & ii)
(C) Only (ii & iii) (D) Only (i & iii)
43. The causative micro organism for the human disease Typhoid is :
- (A) Protozoa (B) Bacteria
(C) Virus (D) Fungi
44. Medical Termination of Pregnancy Act. 1971 came into force on :
- (A) January 1972 (B) February 1972
(C) March 1972 (D) April 1972
45. Vasectomized persons should be advised to use some contraceptive method until about _____ ejaculations to prevent failures.
- (A) 10 (B) 20
(C) 30 (D) 40
46. Supreme decision making body of World Health Organization :
- (A) Executive Board (B) World Health Assembly
(C) WHO Secretariat (D) WHO Expert Committee
47. Identify the source/sources of health statistics in India from the following :
- (i) Census
 - (ii) Registration of birth, death and marriages
 - (iii) School Records
- (A) Only (i) (B) Only (i & ii)
(C) Only (i & iii) (D) Only (ii & iii)

48. Dependant population comprises age :
(A) Below 20 years and above 60 years (B) Below 15 years and above 65 years
(C) Below 10 years and above 65 years (D) Below 15 years and above 70 years
49. Hormonal contraceptives for women can be classified into _____ groups.
(A) 3 (B) 4
(C) 5 (D) 6
50. The dosage of Hepatitis B vaccine to an infant :
(A) 0.05 ml (B) 0.1 ml
(C) 0.5 ml (D) 1 ml
51. True statement about mosquito :
(A) *Mansonia* breeds in artificial water collection
(B) No siphon tube is present in *Anopheles* larvae
(C) *Aedes* bite mainly in dusk
(D) *Culex* lays eggs singly
52. Water borne disease :
(A) Giardiasis (B) Leptospirosis
(C) Both (A) and (B) (D) None
53. Methemoglobinemia in infants is due to :
(A) High nitrate in water (B) Hardness in water
(C) High levels of fluoride in water (D) None
54. In biological filters, adsorption process happening in :
(A) Under drainage system (B) Filter control valves
(C) Sand bed (D) Storage tank
55. Allowed size of loss of head in rapid sand filter :
(A) 2-2.5 meters (B) 1.5 meters
(C) 4 meters (D) 6-8 meters
56. Super chlorination :
(A) Addition of 2.5 grams of bleaching powder in 1000 litres of water
(B) Addition of 5 grams of bleaching powder in 1000 litres of water
(C) Addition of large amount of chlorine followed by dechlorination
(D) None

57. Which of the following is a correct statement?
- (A) One halazone tablet is sufficient to disinfect one litre of water
 - (B) Two drops of iodine is sufficient to disinfect 5 litres of water
 - (C) 5 minutes of continuous boiling kills spores in water
 - (D) Potassium permanganate is a powerful oxidizing agent
58. Which of the following ground water comes in surface under natural pressure?
- (A) Dug well
 - (B) Artesian well
 - (C) Step well
 - (D) Bore well
59. In water sampling, Winchester Quart bottle is used for
- (A) Physical examination
 - (B) Bacteriological examination
 - (C) Both (A) and (B)
 - (D) None
60. Major air pollutant responsible for COPD :
- (A) Hydrocarbons
 - (B) Ozone
 - (C) Sulphur dioxide
 - (D) Lead
61. Purpose of communication is :
- (A) Information
 - (B) Propaganda
 - (C) Entertainment
 - (D) All of the above
62. The most important word in communication process is :
- (A) Facts
 - (B) Sharing
 - (C) Ideas
 - (D) Feelings
63. A series of speeches on the selected topic by experts :
- (A) Seminar
 - (B) Group Discussion
 - (C) Symposium
 - (D) Debate
64. According to WHO Health is a state of complete :
- (A) Physical well-being
 - (B) Mental well-being
 - (C) Social well-being
 - (D) All of these
65. Role play is otherwise known as :
- (A) Street play
 - (B) Flash mob
 - (C) Socio-drama
 - (D) Skit

66. Food Adulteration Act is an example of which approach to health education :
- (A) Educational (B) Service
(C) Regulatory (D) Primary Health Care
67. Community human resource for health education :
- (A) Village Health Guide (B) Traditional healers
(C) School Teachers (D) All of the above
68. Who introduces topic in a panel discussion?
- (A) Expert (B) Member
(C) Recorder (D) Chairman
69. Which of the following educational aid's life is short and needs frequent replacement?
- (A) Radio (B) TV
(C) Poster (D) Display board
70. The initiator of communication is :
- (A) Sender (B) Receiver
(C) Audience (D) Decoder
71. According to Panchayatiraj in India Panchayat Samiti is at :
- (A) Village level (B) District level
(C) Block level (D) All of the above
72. Panchayatiraj was inaugurated by :
- (A) P. K. Thungan (B) Jawaharlal Nehru
(C) Balwant Rai Mehtha (D) V.K.R.V. Rao
73. Nyaya Panchayati/Council was recommended by :
- (A) G.V.K. Rao Committee (B) L.M. Singhvi Committee
(C) Ashok Mehta Committee (D) None of the above
74. Principles of money management not includes :
- (A) Documentation (B) Certification
(C) Create a budget (D) Consistency
75. A Landing space specially set apart for purpose of loading and unloading goods or entry and exit of passengers is :
- (A) Work shop (B) Work Place
(C) Wharf (D) None of these

76. The sudden and rapid increase in the number of cases of a disease or condition of public health importance in a population is :
- (A) Pandemic (B) Epidemic
(C) Communicable disease (D) Infectious disease
77. Which of the following is false about time management skills?
- (A) Communication (B) Stress management
(C) Delegation (D) None of the above
78. Zila Parishad Panchayati Raj system is headed by :
- (A) District Collector (B) Block President
(C) Panchayati President (D) Health Inspector
79. Which of the following is correct about, the bench of Nyaya Panchayat consists of :
- (A) Lawyers (B) Village Officer
(C) Block Development Officer (D) Nyaya Panchayat Pramukh
80. Which age group of children coming under the referral services of anganwadi?
- (A) Children upto 3-6 yrs (B) Children below 6 yrs
(C) Children below 14 yrs (D) Children upto 3-18 yrs
81. Which of the following is the characteristic of Mentally Healthy Person?
- (A) Conflict (B) Delinquency
(C) Non-Extremist (D) Frustration
82. According to this theory, a body is made up of cells, society is made up of individuals. Which is the theory?
- (A) Social Contract Theory (B) Organism Theory
(C) Multifactorial Theory (D) Group-mind Theory
83. The rural people in India depend primarily upon :
- (A) Business (B) Industry
(C) Fishery (D) Agriculture
84. The word meant for the study of human behaviour :
- (A) Anatomy (B) Physiology
(C) Psychology (D) Anthropology

85. Name the sociologist who defines family as a microscopic social organization in which at least two generations are included and which is formed by specific blood relations?
- (A) Summer and Keller (B) Lucy Mayer
(C) Maclver and Page (D) Albert Einstein
86. Which of the following is not a social problem?
- (A) Dowry (B) Marriage
(C) Women Abuse (D) Alcoholism
87. An inner force which drives an individual to a certain action :
- (A) Motivation (B) Verbalization
(C) Promotion (D) Standardization
88. The most obvious problem in India :
- (A) Illiteracy (B) Unemployment
(C) Poverty (D) Population Explosion
89. A relatively organization of beliefs around an object, subject or concept which predisposes one to respond in some preferential manner?
- (A) Need (B) Intelligence
(C) Error (D) Attitude
90. Name the stage of life which is highly sensitive and delicate?
- (A) Childhood (B) Oldage
(C) Adolescence (D) Adulthood
91. The type of waste that can be disposed in white translucent bag :
- (A) Contaminated recyclable waste
(B) Glassware
(C) Contaminated sharp including metals
(D) Chemical liquid waste
92. The theme for International Day for older persons 2021 :
- (A) Digital equity for all ages (B) The clock is ticking
(C) Access to justice (D) Break down the barriers
93. The aims of palliative care are the following except :
- (A) Integrate psychological and spiritual aspects
(B) To help family cope up patient's illness
(C) Hasten or postpone death
(D) Affirms life and regards dying as normal process

94. Which among the following are major manifestation of Rheumatic Heart Disease?
- (A) Polyarthrititis (B) Polyarthralgia
(C) Elevated ESR (D) Positive throat culture
95. The principles of secondary prevention in Coronary Heart Disease are based on:
- (i) Control of hypertension and diet
(ii) Identify high risk groups
(iii) Cessation of smoking
(iv) Giving specific advice
- (A) (i) and (ii) (B) (i) and (iii)
(C) (ii) and (iv) (D) (iii) and (iv)
96. The hormone with higher levels which results in overacting of sympathetic nervous system that cause hypertension during stress :
- (A) Adrenaline (B) Nor adrenaline
(C) Cortisol (D) Corticosterone
97. World Heart Day is observed every year on :
- (A) October 29 (B) May 31
(C) September 24 (D) September 29
98. Which among the statement is true regarding thermography in detection of breast cancer?
- (A) Exposure to radiation
(B) False positive result
(C) High standard technical equipment
(D) No exposure to radiation
99. The index used in the assessment of obesity with formula $\frac{\text{Weight (kg)}}{\text{Height}^2(\text{m})}$ is :
- (A) Corpulence index (B) Quetelet's index
(C) Ponderal index (D) Brocca's index
100. The dietary approach 'DASH' is related to control the following NCD :
- (A) Hypertension (B) Cancer
(C) Obesity (D) Rheumatic Heart Disease

SPACE FOR ROUGH WORK

SPACE FOR ROUGH WORK