

JEMAS(PG)-2022

QB No: 2101100001

Subject: Diploma in Health Promotion and Education (DHPE)

Duration: 90 minutes

No of MCQ: 100

Full Marks: 100

Instructions

1. All questions are of objective type having four answer options for each, carry 1 mark each and only one option is correct. In case of incorrect answer or any combination of more than one answer, $\frac{1}{4}$ mark will be deducted.
2. Questions must be answered on OMR sheet by darkening the appropriate bubble marked A, B, C, or D. Question booklet series code (A, B, C, or D) must be properly marked on the OMR.
3. Use only **Black/Blue ball point pen** to mark the answer by complete filling up of the respective bubbles.
4. Write question booklet number and your roll number carefully in the specified locations of the **OMR**. Also fill appropriate bubbles.
5. Write your name (in block letter), name of the examination center and put your full signature in appropriate boxes in the OMR.
6. The OMR is liable to become invalid if there is any mistake in filling the correct bubbles for question booklet number/roll number or if there is any discrepancy in the name/signature of the candidate, name of the examination center. The OMR may also become invalid due to folding or putting stray marks on it or any damage to it. The consequence of such invalidation due to incorrect marking or careless handling by the candidate will be sole responsibility of candidate.
7. Candidates are not allowed to carry any written or printed material, calculator, pen, log-table, wristwatch, any communication device like mobile phones etc. inside the examination hall. Any candidate found with such items will be **reported against** and his/her candidature will be summarily cancelled.
8. Rough work must be done on the question paper itself. Additional blank pages are given in the question paper for rough work.
9. Hand over the OMR to the invigilator before leaving the Examination Hall.

1. Severity of disease is assessed by
 - (A) Case fatality rate
 - (B) Standardized mortality rate
 - (C) Incidence rate
 - (D) Prevalence rate

2. Sanguinarine is derived from
 - (A) *Fusarium incarnatum*
 - (B) Argemone oil
 - (C) Jhunjhunia seeds
 - (D) Ksheri -dhal

3. Malathion is used once every
 - (A) 3 months
 - (B) 6 months
 - (C) 9 months
 - (D) 12 months

4. In Niacin deficiency, all of the following are seen except;
 - (A) Deafness
 - (B) Diarrhoea
 - (C) Dementia
 - (D) Dermatitis

5. Weight of India reference women is
 - (A) 45 kg
 - (B) 50 kg
 - (C) 55 kg
 - (D) 60 kg

6. Reservoir of Indian Kala azar is
 - (A) Man
 - (B) Rodent
 - (C) Canine
 - (D) Equine

7. Vector for scabies is
 - (A) Tick
 - (B) Mite
 - (C) Sand-fly
 - (D) Mosquito

8. Current Infant mortality rate of India as per SRS in 2019
 - (A) 20
 - (B) 30
 - (C) 40
 - (D) 50

9. Society is defined as
 - (A) A conglomeration of people
 - (B) A group of people bound with social norms
 - (C) An association with regulated membership
 - (D) An association with patterned norms of interaction

10. Measure of dispersion is
 - (A) Mean
 - (B) Mode
 - (C) Standard deviation
 - (D) Median

11. Shape of normal curve is
 - (A) Symmetrical
 - (B) Curvilinear
 - (C) Linear
 - (D) Parabolic

12. In India death is to be registered within
 - (A) 3 days
 - (B) 7 days
 - (C) 14 days
 - (D) 11 days

13. Sample registration system is done once in
 - (A) 6 months
 - (B) 1 year
 - (C) 2 years
 - (D) 5 years

14. In what stage of demographic cycle is India today
 - (A) Low stationary
 - (B) High stationary
 - (C) Early expanding
 - (D) Late expanding

15. The family planning program was started in India in
(A) 1952
(B) 1962
(C) 1972
(D) 1982
16. Test for detecting argemone oil contamination does not include
(A) Nitric acid test
(B) Paper chromatography test
(C) Aldehyde test
(D) None
17. Kata thermometer is used to measure
(A) Maximum temperature
(B) Minimum temperature
(C) Radiant heat
(D) Cooling power
18. Head quarter of FAO is at
(A) New York
(B) Geneva
(C) Rome
(D) San Francisco
19. Concept of PHC was devised at;
(A) Geneva
(B) Rome
(C) San Francisco
(D) Alma Ata
20. Acculturation means
(A) Culture contact
(B) Study of various cultures
(C) Movement in socio economic status
(D) None of the above
21. Nuclear family consists of
(A) Husband, wife and son
(B) Husband, wife and dependent children
(C) Husband and wife only
(D) Father, mother, husband and wife

22. All are the levels of Health care except
(A) Primordial
(B) Primary
(C) Secondary
(D) Tertiary
23. What is SDG
(A) Suitable Development Goals
(B) Systematic Development Goals
(C) Sustainable Development Goals
(D) Specific Development Goals
24. Spectrum of disease is
(A) Graphic representation of variations in the manifestations of disease
(B) Geographical representation of variations in the manifestations of disease
(C) Generic representation of variations in the manifestations of disease
(D) Genetic representation of variations in the manifestations of disease
25. Enzootic means
(A) Epidemic occurring in birds
(B) Epidemic occurring in animals
(C) Epidemic occurring in aquatic animals
(D) None of the above
26. Agent used for disinfection of sputum
(A) Malathion
(B) DDT
(C) Cresol
(D) Phenol
27. Which of the following Hepatitis is transmitted by faecal- oral route?
(A) Hepatitis A
(B) Hepatitis B
(C) Hepatitis C
(D) Hepatitis D
28. Highest incidence of Diarrhoea is seen among
(A) 6-11 months
(B) 6-18 months
(C) 6-24 months
(D) 6-36 months

29. Rice water stools is symptom of
(A) Amoebiasis
(B) Giardiasis
(C) Cholera
(D) Typhoid
30. Which of the following is known as break- bone fever?
(A) Typhoid fever
(B) Malaria fever
(C) Dengue fever
(D) Chikungunya fever
31. Rule of halves is related to which condition
(A) Diabetes
(B) Stroke
(C) Hypertension
(D) Coronary artery disease
32. An adult male is said to have central obesity if waist hip circumference is more than
(A) 100 cm
(B) 90 cm
(C) 80 cm
(D) 70 cm
33. Which of the following is not modifiable risk factor for Diabetes?
(A) Alcohol
(B) Diet
(C) Age
(D) Physical activity
34. Mass Drug administration is done for
(A) Malaria
(B) Dengue
(C) Filariasis
(D) Chikungunya
35. Morphological index is used in diagnosis of
(A) Leprosy
(B) HIV
(C) Hepatitis B
(D) Hepatitis C

36. All of the following are at risk babies except
(A) Birth weight <2.5 kg
(B) Twins
(C) Artificial feeding
(D) Birth order 3 or more
37. Who is a late neonate?
(A) < 7 days
(B) 7-14 days
(C) 7-28 days
(D) 0-28 days
38. Which of the following nutritional deficiency is geochemical in nature?
(A) Iron
(B) Calcium
(C) Phosphorus
(D) Iodine
39. A pregnant lady is called anaemic if haemoglobin level is less than
(A) 14. g/dl
(B) 13.0 g/dl
(C) 12.0 g/dl
(D) 11.0 g/dl
40. Which of the following nutrient provide least calories?
(A) Protein
(B) Fat
(C) Carbohydrate
(D) Fibre
41. To be effective the water must be boiled for
(A) 30-40 min
(B) 20-30 min
(C) 10-20 min
(D) 5-10 min
42. Water is said to be very hard if level of hardness is
(A) < 50 mEq/L
(B) 50-150 mEq/L
(C) 150-300 mEq/L
(D) >300 mEq/L

43. Which of the following is true regarding Horrocks apparatus?
(A) 6 white cups
(B) 6 black cups
(C) 2 white glass
(D) 2 black cups
44. Soiling index is used for
(A) Water pollution
(B) Soil pollution
(C) Air pollution
(D) Sound pollution
45. Psychrometer is used for measuring
(A) Rainfall
(B) Air velocity
(C) Humidity
(D) Temperature
46. Which is suitable method for solid waste disposal for town's population less than 1,00,000
(A) Dumping
(B) Controlled tipping
(C) Incineration
(D) Composting
47. Cheap and best method for sewage disposal in rural areas is
(A) Sea outfall
(B) River outfall
(C) Oxidation pond
(D) Land treatment
48. Which is called as "Nuisance mosquito"
(A) Aedes
(B) Anopheles
(C) Mansonia
(D) Culex
49. Under Biomedical waste management Human anatomical waste is disposed in
(A) Red bags
(B) Yellow bags
(C) Blue bags
(D) Black bags

50. School health program was first started in
(A) Kerala
(B) Maharashtra
(C) Gujarat
(D) Tamil Nadu
51. Covid 19 infection can spread easily in all the following settings except:
(A) Crowded places
(B) Close-contact settings
(C) Confined and enclosed spaces with poor ventilation
(D) Open air parks
52. Eligible couple means:
(A) Married couple where the age of wife is between 18 – 45 years
(B) Married couple where the age of husband is between 21 – 50 years
(C) Married couple where the woman is in the reproductive age group
(D) Married couple where the husband is in the reproductive age group
53. If in a VVM (vaccine vial monitor) the colour of the inner square matches that of the outer circle:
(A) Do not use vaccine
(B) Use vaccine
(C) Use vaccine only for outreach session
(D) Use vaccine only for health centre immunization sessions
54. Higher prevalence in urban areas are found in all of the following diseases except:
(A) Accidents
(B) Lung Cancer
(C) Cardiovascular diseases
(D) Soil transmitted helminthic infestation
55. Marital status can be a risk factor in:
(A) Cancer cervix
(B) Breast cancer
(C) Diabetes
(D) Hypertension
56. Disease agents transmitted trans-placentally include all the following except:
(A) Rubella
(B) Cytomegalovirus
(C) Hepatitis B
(D) TB

57. Active immunity may be acquired by all the following except:
- (A) Following clinical infection
 - (B) Following subclinical infection
 - (C) Following immunization
 - (D) From mother to child
58. All the following are inactivated/killed bacterial vaccines except:
- (A) Typhoid
 - (B) Cholera
 - (C) Pertussis
 - (D) Rabies
59. All the following vaccines are to be given to a new-born at birth, except:
- (A) BCG
 - (B) Hep B
 - (C) OPV
 - (D) TT
60. All the following vaccines are to be given to a 6 wk old child, except:
- (A) Pentavalent
 - (B) OPV
 - (C) Measles
 - (D) None of the above
61. Ayushman Bharat is the name of:
- (A) National Health Protection Scheme
 - (B) Rashtriya Swasthya Bima Yojana (RSBY)
 - (C) Senior Citizen Health Insurance Scheme (SCHIS)
 - (D) None of the above
62. All the following are provided to adolescent girls under SABLA scheme except:
- (A) Nutrition provision
 - (B) Iodine supplementation
 - (C) Life Skill Education and accessing public services
 - (D) Vocational training for girls aged 16 and above under NSDP
63. AEFI following vaccination of infants include:
- (A) Vaccine product-related reaction
 - (B) Vaccine quality defect-related reaction
 - (C) Immunization error-related reaction
 - (D) All the above

64. SBCC stands for:
- (A) Social & Behaviour Change Communication
 - (B) Simple Behaviour Change Communication
 - (C) Standard Behaviour Change Communication
 - (D) Social & bilingual Communication
65. NIKSHAY is a web-based monitoring of:
- (A) TB patients
 - (B) Diabetes patients
 - (C) Hypertensive patients
 - (D) Cancer patients
66. Multi-drug-resistant Tuberculosis requires at least:
- (A) 18-24 months of treatment
 - (B) 12-16 months of treatment
 - (C) 10-12 months of treatment
 - (D) 6-10 months of treatment
67. Integrated Vector Management includes all the following except:
- (A) Indoor residual spray
 - (B) Early detection of cases
 - (C) Larvivorous fish
 - (D) Source reduction
68. Classification of Malaria endemicity is based on:
- (A) Annual Parasite Incidence
 - (B) Annual Vector index
 - (C) Annual prevalence of malaria cases
 - (D) Annual Incidence of malaria cases
69. Dengue Haemorrhagic Fever (DHF) is diagnosed by:
- (A) Positive tourniquet test
 - (B) Epistaxis or bleeding from gums
 - (C) Haematemesis or melena
 - (D) All the above
70. Elimination of Lymphatic filariasis means that:
- (A) Number of microfilaria carriers is less than one per cent
 - (B) No Adult worms of the parasites found in the lymphatic system of humans
 - (C) No Adult worms of the parasites found in the cutaneous tissues of humans
 - (D) No Adult worms of the parasites found in the body cavity of humans

71. Persons at HIGH RISK for diabetes include all the following except:
- (A) All persons with a family history of diabetes.
 - (B) All obese patients, especially those with central obesity
 - (C) All patients with high blood pressure and lipid abnormalities.
 - (D) All persons eating rice
72. The leading cause of chronic blindness in India is:
- (A) Cataract
 - (B) Refractive errors
 - (C) Glaucoma
 - (D) Diabetic retinopathy
73. Abortion is defined as:
- (A) Pregnancy termination prior to 20 weeks' gestation
 - (B) Pregnancy termination prior to 24 weeks' gestation
 - (C) Pregnancy termination prior to 26 weeks' gestation
 - (D) Pregnancy termination prior to 28 weeks' gestation
74. Visual inspection of cervix with acetic acid (VIA) is used for screening of:
- (A) Cervical cancer
 - (B) Cervical infection
 - (C) Cervical pregnancy
 - (D) All of the above
75. A set of printed or written questions with a choice of answers, devised for the purposes of a survey is known as a:
- (A) Questionnaire
 - (B) Interview guide
 - (C) MCQ
 - (D) None of the above
76. JE vaccine is given along with:
- (A) MMR vaccine
 - (B) OPV vaccine
 - (C) HepB vaccine
 - (D) Pentavalent vaccine
77. Small for gestational age (SGA) has been defined as having birth weight:
- (A) Less than two standard deviations below the mean birth weight for specific gestational age
 - (B) Less than one standard deviation below the mean birth weight for specific gestational age
 - (C) Less than three standard deviations below the mean birth weight for specific gestational age
 - (D) None of the above

78. Maternal causes for intrauterine growth restriction include all the following except:
- (A) Maternal age (less than 16 years and more than 35 years)
 - (B) Low socioeconomic status
 - (C) Smoking both active and passive
 - (D) Light physical work
79. TORCH syndrome is caused by congenital infection with:
- (A) toxoplasmosis, rubella, cytomegalovirus, herpes simplex
 - (B) toxoplasmosis, rabies, cytomegalovirus, herpes simplex
 - (C) toxoplasmosis, rubella, chicken pox, herpes simplex
 - (D) toxoplasmosis, rubella, cytomegalovirus, HIV
80. Foods with Low Glycemic Index (<55) include all the following except:
- (A) Whole wheat
 - (B) Sweet potato
 - (C) Lentils
 - (D) Flour
81. Heme iron is found in all the following foods except:
- (A) Meat
 - (B) Poultry
 - (C) Fish
 - (D) Plants
82. Infected dressings should be disposed in:
- (A) Blue bags
 - (B) Black bags
 - (C) Yellow bags
 - (D) Red bags
83. In Swachh Bharat, ODF is defined by the following
- (A) no visible faeces found in the environment/village
 - (B) every household as well as public/community institutions using safe technology option for disposal of faeces
 - (C) All of the above
 - (D) None of the above

84. Stunting reflects:
- (A) Chronic undernutrition during the most critical periods of growth and development in early life
 - (B) Acute undernutrition during the most critical periods of growth and development in early life
 - (C) Chronic undernutrition after critical periods of growth and development in early life
 - (D) Acute undernutrition after the most critical periods of growth and development in early life
85. Iodine deficiency may lead to all the following conditions except:
- (A) hypothyroidism
 - (B) goitre
 - (C) cretinism
 - (D) blindness
86. Commonest cause of diarrhoea among children is:
- (A) Rota Virus
 - (B) Norwalk Virus
 - (C) Adeno Virus
 - (D) Giardiasis
87. Birth weight of below ----- is an indicator for hospitalised care:
- (A) 1000 gm
 - (B) 1800 gm
 - (C) 2200 gm
 - (D) 2500 gm
88. According to National IYCF guidelines, complementary feeding should be started from:
- (A) 4 Months
 - (B) 5 Months
 - (C) 6 Months
 - (D) 7 Months
89. Which is a form of verbal communication?
- (A) Spoken word
 - (B) Gestures
 - (C) Hand movements
 - (D) None of these
90. Which of the following is the key to effective communication?
- (A) Listening
 - (B) Perception
 - (C) Attitude
 - (D) None of these

91. Most effective channel of communication:
(A) Mass media
(B) folk media
(C) Interpersonal
(D) None of these
92. India is declared as Polio free by WHO in the year:
(A) 2009
(B) 2010
(C) 2014
(D) 2015
93. In Janani- shishu Suraksha Karyakram pregnant women is entitled of all of the following for normal delivery except:
(A) Free transport
(B) Free medicines
(C) Free consumables
(D) Free diet for 7 days
94. All of the following are Social Security Acts except:
(A) ESI Act
(B) MTP Act
(C) Workmen compensation Act
(D) Maternity benefit Act
95. The daily exposure limit of noise without substantial damage is:
(A) 80 dB
(B) 85 dB
(C) 90 dB
(D) 95 dB
96. Which of following is not a level of prevention?
(A) Primary
(B) Secondary
(C) Tertiary
(D) Super Speciality
97. Tuberculin Test is read after a:
(A) 24 Hours
(B) 48 Hours
(C) 72 Hours
(D) 96 Hours

98. The Diluent for BCG vaccine is :
- (A) Distilled Water.
 - (B) Glycerine.
 - (C) Glycerol.
 - (D) Normal Saline.
99. Health education help in desirable change in:
- (A) knowledge
 - (B) attitude
 - (C) practice change
 - (D) all the three levels
100. Which of the media is evolved from the life style of people
- (A) Mass media
 - (B) Folk media
 - (C) Both
 - (D) None of these

