

Code : BNS-041

Term End Examination, 2020

Time : 120 Minutes

Maximum marks : 70

GENERAL INSTRUCTIONS

1. All questions are **compulsory**. Each question carries **1** mark.
2. No cell phones, calculators, books, slide-rules, notebooks or written notes, etc. will be allowed inside the examination hall.
3. You should follow the instructions given by the Centre Superintendent and by the Invigilator at the examination venue. If you violate the instructions, you will be disqualified.
4. Any candidate found copying or receiving or giving assistance in the examination will be disqualified.
5. The Question Paper and the OMR Response Sheet (Answer Sheet) would be supplied to you by the Invigilators. After the examination is over, you should hand over the OMR Response Sheet to the Invigilator before leaving the examination hall. Any candidate who does not return the OMR Response Sheet will be disqualified and the University may take further action against him/her.
6. All rough work is to be done on the question paper itself and not on any other paper. Scrap paper is not permitted. For arriving at answers you may work in the margins, make some markings or underline in the test booklet itself.
7. The University reserves the right to cancel the result of any candidate who impersonates or uses/adopts other malpractices or uses any unfair means. The University may also follow a procedure to verify the validity of scores of all examinees uniformly. If there is substantial indication that your performance is not genuine, the University may cancel your result.

1. Epidemiological Triad Theory of disease causation includes:
 - (1) Time, place, person
 - (2) Agent, Host, Environment
 - (3) Source, Mode, Reservoir
 - (4) Evil spirits, wrath of God, punishment for evil deeds
2. All of the following are Modes of Indirect transmission of infection **Except**:
 - (1) Transplacental
 - (2) Vector borne
 - (3) Food borne
 - (4) Water borne
3. One of the following type of exposure leads to Propagated epidemic:
 - (1) Point source
 - (2) Continuous common source
 - (3) Intermittent common source
 - (4) Person to person
4. Determinants in definition of Epidemiology denotes to:
 - (1) Description
 - (2) Risk factor
 - (3) Time
 - (4) Place
5. All of the following are True about characteristics of Cohort study **Except**:
 - (1) specific group of people sharing common experiences
 - (2) prospective in nature
 - (3) less expensive and easy to organize
 - (4) expensive and time consuming
6. Human reservoir who exhibits signs and symptoms of disease is known as :
 - (1) Clinical case
 - (2) Subclinical case
 - (3) Latent infectious case
 - (4) Passive case
7. Primary goal of food borne disease outbreak investigation is to:
 - (1) Study natural history of causative organism
 - (2) Train the staff
 - (3) Stop present outbreak using control measures
 - (4) Have quick response to peoples' concern
8. An outbreak of disease affecting large population extending to wide geographical area is known as:
 - (1) Epidemic
 - (2) Sporadic
 - (3) Pandemic
 - (4) Endemic
9. The type of surveillance where health worker goes house to house to collect data is termed as:
 - (1) Passive surveillance
 - (2) Active surveillance
 - (3) Sentinel surveillance
 - (4) Continuous surveillance

10. All of the following efforts are organized by community to promote health **Except:**
- (1) Control of communicable diseases
 - (2) Safe water and sanitation
 - (3) Growth of population
 - (4) Early diagnosis and prompt treatment
11. Quarantine Act for prevention and control of disease was taken in the year:
- (1) 1880
 - (2) 1881
 - (3) 1885
 - (4) 1897
12. Bhore Committee was constituted in the year:
- (1) 1963
 - (2) 1943
 - (3) 1965
 - (4) 1962
13. All of the following includes subjective sense of feeling unwell **Except:**
- (1) Discomfort
 - (2) Tiredness
 - (3) General malaise
 - (4) Pallor
14. A person with well-adjusted mind set and is able to cope with his own and others feeling is considered to be:
- (1) Physically healthy
 - (2) Emotionally healthy
 - (3) Spiritually healthy
 - (4) Socially healthy
15. All of the following are adverse environmental issues **Except:**
- (1) Air Pollution
 - (2) Soil Pollution
 - (3) Water Pollution
 - (4) Population explosion
16. Chronic disease predominant in Older age is:
- (1) Osteoarthritis
 - (2) Ricketts
 - (3) Green stick Fracture
 - (4) Rheumatoid Arthritis
17. The concept of Causation of diseases through "Bad Air" was given by:
- (1) Germ Theory
 - (2) Supranatural Theory
 - (3) Contagion Theory
 - (4) Epidemiological Triad Theory
18. Consuming contaminated water or food makes a person susceptible to develop:
- (1) Hepatitis A & E
 - (2) Hepatitis B & C
 - (3) Hepatitis C & E
 - (4) Hepatitis A & C

19. Action taken to remove development of risk factors among population is referred as:
 - (1) Secondary Prevention
 - (2) Primary Prevention
 - (3) Primordial Prevention
 - (4) Tertiary Prevention
20. Rehabilitation to earn livelihood through training and education is:
 - (1) Medical rehabilitation
 - (2) Vocational rehabilitation
 - (3) Social rehabilitation
 - (4) Psychological rehabilitation
21. Complete course of a disease from the time of exposure of human host with disease agent in an environment to its final outcome is termed as:
 - (1) Natural Immunity
 - (2) Artificial Immunity
 - (3) Artificial History
 - (4) Natural History
22. Peripheral outpost of existing health delivery system in rural area is:
 - (1) Community centre
 - (2) Sub centre
 - (3) Primary centre
 - (4) Angan wadi
23. Curative service provided through Sub centre is:
 - (1) Treatment for minor ailments
 - (2) Safe Abortion services
 - (3) Preventive Adolescent Health Care
 - (4) Preventive Low birth Weight Baby Care
24. A single dose of Diethyl Carbamazone (DEC) is administered for:
 - (1) Malaria
 - (2) Fluorosis
 - (3) Lymphatic Filariasis
 - (4) Diphtheria
25. Salt Testing Kit is used by ASHAs for presence of:
 - (1) Zinc
 - (2) Iodine
 - (3) Chlorine
 - (4) Iron
26. Population covered by a Primary Health Centre (PHC) in Hilly, Tribal or difficult to reach area is :
 - (1) 10,000
 - (2) 15,000
 - (3) 20,000
 - (4) 25,000
27. All of the following are locally endemic diseases **Except:**
 - (1) Epilepsy
 - (2) Kala Azar
 - (3) Malaria
 - (4) Japanese Encephalitis

28. Surgical procedure performed at Primary Health Centre level is:
- (1) Laryngectomy
 - (2) Tonsillectomy
 - (3) Polypectomy
 - (4) Tubectomy
29. All of the following are true about Panchayati Raj **Except**:
- (1) Four Tier System
 - (2) At the Village level
 - (3) Panchayat Samiti at Block level
 - (4) Zila Parishad at District Level
30. All of the following are Principles of pollution prevention by waste optimization **Except**:
- (1) Reduce waste
 - (2) Reproduce waste
 - (3) Re use waste
 - (4) Recycle waste
31. All of the following methods improve water quality at home **Except**:
- (1) Boiling
 - (2) Chlorination
 - (3) Filtration
 - (4) Freezing
32. Potassium permanganate is used to destroy:
- (1) Salmonella
 - (2) Vibrio Cholera
 - (3) E.Coli
 - (4) Streptococci
33. Air pollution caused due to burning of firewood and kerosene oil is :
- (1) Domestic
 - (2) Industrial
 - (3) Vehicular
 - (4) Miscellaneous
34. Global warming increases incidence of Cancer of:
- (1) Mouth
 - (2) Breast
 - (3) Skin
 - (4) Cervix
35. "Open Defecation Free" a community goal can be achieved through building:
- (1) At least toilet
 - (2) Pit latrine
 - (3) Compost pit
 - (4) On site communal latrine
36. Most appropriate Epidemiological method to find out magnitude of health problem in Community is:
- (1) Survey
 - (2) Observation
 - (3) Analytical
 - (4) Experimental
37. An individual who harbours the disease causing agent but does not show symptoms of illness is :
- (1) Convalescent Carrier
 - (2) Incubatory Carrier
 - (3) Healthy Carrier
 - (4) Temporary Carrier

38. All of the following diseases are examples of Chronic carriers **Except:**
- (1) Typhoid fever
 - (2) Dysentery
 - (3) Hepatitis B
 - (4) Mastitis
39. Method of transmission of infection through nasopharyngeal secretion is an example of:
- (1) Skin to skin contact
 - (2) Droplets
 - (3) Inoculation into skin
 - (4) Inoculation into mucosa
40. Scientific study of human population is known as:
- (1) Demography
 - (2) Epidemiology
 - (3) Geography
 - (4) Vital statistics
41. According to "The central birth and death registration Act 1969" birth and death is to be registered with in:
- (1) 30 days
 - (2) 21 days
 - (3) 15 days
 - (4) 7 days
42. All of the following include Qualitative analysis of data **Except:**
- (1) Religion
 - (2) Blood group
 - (3) Percentage
 - (4) Sex
43. All of the following are super-natural causes of occurrence of disease **Except:**
- (1) Bad air
 - (2) Wrath of gods
 - (3) Evil spirit
 - (4) Punishment for evil deeds
44. All of the following are responsibilities of health worker in record keeping **Except:**
- (1) Keep record in safe custody
 - (2) Record should be destroyed
 - (3) Record should not be accessible to patients relative
 - (4) Handled carefully
45. Sedentary life style plays significant role in:
- (1) Obesity, Diabetes, Hypertension
 - (2) Obesity, Cancer, Malnutrition
 - (3) Cancer, Cardiovascular Diseases, Tuberculosis
 - (4) Leprosy, Tuberculosis, Diabetes
46. Mode of spread for Tetanus is :
- (1) Food borne
 - (2) Inoculation into skin
 - (3) Contact with soil
 - (4) Transplacental

47. All measures should be taken in case of dog bite **Except:**
- (1) Immediate washing of wound thoroughly
 - (2) Avoid suturing of wound
 - (3) Recommended Course of antibiotics
 - (4) Cauterization of wound
48. All of the following includes Instrumental activities of daily living to assess functional status of Elderly **Except:**
- (1) Bathing
 - (2) Taking medicine
 - (3) Cooking
 - (4) Shopping
49. All of the following are Vector Borne disease **Except:**
- (1) Malaria
 - (2) Filaria
 - (3) Diptheria
 - (4) Chikungunya
50. The attitude of supervisor towards the health workers should be :
- (1) Strict and dominating
 - (2) Supportive
 - (3) Submissive
 - (4) Arrogant
51. Plumbism occurs due to poisoning of:
- (1) Lead
 - (2) Arsenic
 - (3) Silicon
 - (4) Chromium
52. All of the following diseases contribute to Obesity **Except:**
- (1) Hypothyroidism
 - (2) Poly Cystic Ovary Syndrome
 - (3) Cushing's Syndrome
 - (4) Hyperthyroidism
53. Inhalation of sugarcane dust causes:
- (1) Fluorosis
 - (2) Bagassosis
 - (3) Silicosis
 - (4) Sclerosis
54. Human Papilloma Virus (HPV) vaccination is the major breakthrough in the control of:
- (1) Oral cancer
 - (2) Ovarian cancer
 - (3) Breast cancer
 - (4) Cervical cancer
55. One of the following is a Micronutrient:
- (1) Vitamins and Minerals
 - (2) Fats
 - (3) Carbohydrates
 - (4) Protein
56. Dietary fibers are associated with reduced incidence of:
- (1) Diarrhoeal diseases
 - (2) Coronary Heart Diseases
 - (3) Gastro-Intestinal infections
 - (4) Respiratory infections

57. Vitamin D is important for:
- (1) Protection against infection
 - (2) Skeletal growth
 - (3) Promoting utilization of calcium
 - (4) Normal vision and eye health
58. Vitamin required for Clotting of Blood is:
- (1) B
 - (2) C
 - (3) D
 - (4) K
59. The richest source of Vitamin C is:
- (1) Liver
 - (2) Amla
 - (3) Milk
 - (4) Nuts
60. Diet plan for adolescent between 10-19 years of age should include all **Except**:
- (1) Junk food
 - (2) Calcium and Iron
 - (3) Carbohydrate and water
 - (4) Protein and fats
61. Focal point for delivery of ICDS services is:
- (1) Health worker (Female)
 - (2) Health worker (Male)
 - (3) Angan wadi worker (AWW)
 - (4) ASHA
62. All of the following are Pre-Pregnancy causes for Anaemia **Except**:
- (1) Faulty diet
 - (2) Increased demand of iron
 - (3) Faulty absorption
 - (4) Iron losses
63. Agent present in canned foods which causes bacterial infections is:
- (1) Salmonella
 - (2) Staphylococcus
 - (3) Botulism
 - (4) E. Coli
64. Majority of reservoirs of Rabies in India are associated with bite of a:
- (1) Monkey
 - (2) Wolf
 - (3) Cat
 - (4) Dog
65. All of the following are the techniques of De-stressing **Except**:
- (1) Deep breathing exercises
 - (2) Listening Music
 - (3) Sedentary Life style
 - (4) Brisk walking
66. Sudden damage of part of brain due to blockage of an artery refers to:
- (1) Epilepsy
 - (2) Paralysis
 - (3) Blindness
 - (4) Stroke

67. All of the following environmental factors contribute to Road Traffic Accidents (RTA) **Except:**

- (1) Lack of experience
- (2) Inadequate enforcement of Law
- (3) Impaired Vision
- (4) Impulsiveness

68. All goal of communication is to bring change in:

- (1) Knowledge Attitude and practice
- (2) Behaviour only
- (3) Skill only
- (4) High quality

69. All of the following are ways to influence behavior **Except:**

- (1) Support
- (2) Inform
- (3) Deport
- (4) Legislation

70. Social grace, Emotional empathy and Time management are related to:

- (1) Hard Skills
- (2) Soft Skills
- (3) Flexible Skills
- (4) Tender Skills