

CERTIFICATE IN COMMUNITY HEALTH FOR NURSES (BPCCHN)

Term-End Examination

December, 2022

BNS-041 : FOUNDATIONS OF COMMUNITY HEALTH

Time : 2 hours

Maximum Marks : 70

GENERAL INSTRUCTIONS

1. **All** questions are **compulsory**. Each question carries 1 mark.
2. No cell phones, calculators, books, slide-rules, note-books 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 Invigilators 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 Test Booklet 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 Test Booklet 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.

1. All are the features of Community Health Centre *except* :
 - (1) Cater to 80,000 to 1,20,000 population
 - (2) Maintained by the Centre
 - (3) Manned by four specialists
 - (4) 30 indoor beds with other facilities

2. Principle of pollution prevention covering composting and incineration of wastes is
 - (1) Principle of waste optimisation
 - (2) Principle of 'Cradle to Grave'
 - (3) Principle of discharge permit
 - (4) Polluter pays principle

3. Water-related disease is
 - (1) Scabies
 - (2) Flea
 - (3) Typhus
 - (4) Malaria

4. Solar disinfection of water involves all *except* :
 - (1) Use of energy from Sun to kill bacteria
 - (2) Collecting water in clear plastic bottles
 - (3) Water must be shaken for 20 seconds
 - (4) Expose bottles to Sun for 3 hours

5. Orthotolidine-Arsenite test is used to determine
 - (1) Free germ residual
 - (2) Free chlorine residual
 - (3) Free iodine residual
 - (4) Free arsenic residual

6. Solid waste arising from public or government offices is called
 - (1) Domestic waste
 - (2) Agricultural waste
 - (3) Industrial waste
 - (4) Institutional waste

- 7.** Biological Environment involves all of these *except* :
- (1) Animals
 - (2) Plants
 - (3) External living beings
 - (4) Water
- 8.** Human reservoir exhibiting signs and symptoms of the disease is known as
- (1) Clinical case
 - (2) Subclinical case
 - (3) Latent case
 - (4) Convalescent case
- 9.** Mid Day Meal Scheme in schools is supported by
- (1) Ministry of Health
 - (2) Ministry of Education
 - (3) Ministry of Agriculture
 - (4) Ministry of Social Development
- 10.** Child having height less than 80 percent weight for height from the median of WHO reference standards is stated to have
- (1) Stunting
 - (2) Wasting
 - (3) Reduction
 - (4) Pre-maturity
- 11.** All the following are tips to prevent excessive weight gain *except* :
- (1) Exclusive breast feeding till 6 months
 - (2) Minimize bottled juice
 - (3) Avoid criticism of child
 - (4) Food may be used as reward

12. Most common deficiency found in rice-eating population is

- (1) Vitamin B1 deficiency
- (2) Vitamin B2 deficiency
- (3) Vitamin B3 deficiency
- (4) Vitamin B6 deficiency

13. “Metallic taste in mouth” is due to

- (1) Bacteria
- (2) Virus
- (3) Toxic metals
- (4) Pesticides

14. Ergotism occurs due to ergot fungus is known as

- (1) Sanguinarine
- (2) Crotalaria
- (3) Aspergillus Flavus
- (4) Claviceps Fusiformis

15. Specific checks for non-vegetarian food involves all *except* :

- (1) Cracked shells for eggs
- (2) Flabbiness of fish
- (3) Discoloured chicken skin
- (4) Stones and unwanted polish

16. “Sandfly” vector spreads

- (1) Malaria
- (2) Filaria
- (3) Kala Azar
- (4) Japanese Encephalitis

17. Indication on VVM to discard vaccine vial is

- (1) Inner circle is lighter than outer square
- (2) Colour of inner square is the same as outer circle
- (3) Colour of inner square is darker than outer circle
- (4) Colour of inner circle is the same as outer square

18. 'Genital and Anal warts' are caused by

- (1) Herpes simplex
- (2) Candida albicans
- (3) Pthirus pubis
- (4) Human papillomavirus

19. 'Cysticercosis of brain' is associated with

- (1) Taenia solium
- (2) Ascaris lumbricoides
- (3) Ankylostoma duodenale
- (4) Trichuris trichiura

20. Virus that causes Diarrhea is

- (1) Vibrio cholerae
- (2) Giardia
- (3) Rhinovirus
- (4) Rotavirus

21. Active filarial infection is detected by serologic tests showing elevated levels of

- (1) IgM1
- (2) IGA2
- (3) IgG4
- (4) IgG1

- 22.** Dengue Hemorrhagic fever is characterized by all *except* :
- (1) Hematocrit rise 10%
 - (2) Profound shock
 - (3) Thrombocytopenia < 1,00,000 cells/mm³
 - (4) Plasma leakage
- 23.** Freezing decreases efficiency of all of the following *except* :
- (1) DPT vaccine
 - (2) TT vaccine
 - (3) Hepatitis-B vaccine
 - (4) OPV vaccine
- 24.** Part of sunlight which converts Provitamin to Vitamin D₃ is
- (1) UV rays
 - (2) Visible light
 - (3) Infrared rays
 - (4) X-rays
- 25.** Mineral utilized for creating co-enzymes is
- (1) Calcium
 - (2) Phosphorus
 - (3) Iron
 - (4) Sodium
- 26.** One of the following vitamins which must be avoided in pregnancy :
- (1) Vitamin A
 - (2) Vitamin B
 - (3) Vitamin C
 - (4) Vitamin D

- 27.** All are the benefits of colostrum *except* :
- (1) More protein
 - (2) Mild purgative
 - (3) Prevents jaundice
 - (4) Matures lungs
- 28.** Restoration of personal dignity is
- (1) Medical rehabilitation
 - (2) Vocational rehabilitation
 - (3) Social rehabilitation
 - (4) Psychological rehabilitation
- 29.** Emotionally healthy person has all the following characteristics *except* :
- (1) Well-adjusted mindset
 - (2) Free from internal conflicts
 - (3) Carried away by emotions easily
 - (4) Knows his/her capabilities
- 30.** Panchayat Samiti under Panchyati Raj is present at
- (1) District level
 - (2) Block level
 - (3) Village level
 - (4) Town level
- 31.** Rubella epidemics occurring every 6 – 9 years interval show
- (1) Cyclic trend
 - (2) Seasonal trend
 - (3) Secular trend
 - (4) Common source trend

32. Subjects easily available to participate in the study is a feature of

- (1) Purposive sampling
- (2) Convenient sampling
- (3) Quota sampling
- (4) Snowball sampling

33. Management of wound in dog bite involves all *except* :

- (1) Wash with soap or detergent
- (2) Flush wound with running water for 10 minutes
- (3) Suture the wound as required
- (4) Do not suture the wound

34. Complication in newborn babies due to chlamydia is

- (1) Congenital Syphilis
- (2) Ophthalmia Neonatorum
- (3) Herpes
- (4) Eye and lung infection

35. All are true about Hepatitis-A virus *except* :

- (1) Causative agent is adenovirus
- (2) Only one serotype is known
- (3) Virus is inactivated by UV rays
- (4) Resistant to low pH

36. 'Pea soup' diarrhea is a clinical feature of

- (1) Cholera
- (2) Typhoid
- (3) Hepatitis-B
- (4) Gastroenteritis

37. Set of life sustaining chemical changes for providing fuel to the body is

- (1) Ingestion
- (2) Digestion
- (3) Absorption
- (4) Metabolism

38. All are characteristics of Thiamine *except* :

- (1) Stable in Alkaline Solution
- (2) Stable to heat
- (3) Water-soluble
- (4) Useful in Carbohydrate metabolism

39. Bleeding phenomena is increased on deficiency of

- (1) Vitamin A
- (2) Vitamin B
- (3) Vitamin C
- (4) Vitamin D

40. All the following are features of ICDS Scheme *except* :

- (1) Managed by ANM
- (2) Immunization against various diseases
- (3) Antenatal and Postnatal care
- (4) Nonformal education to 3 – 6 years old

41. Nutrition for pregnant women should include all *except* :

- (1) Small quantities of food at frequent intervals
- (2) High fat diet
- (3) Low on saturated fat
- (4) Plenty of water

- 42.** All are the features of complementary feeding for children *except* :
- (1) Small quantities of food at frequent intervals
 - (2) Foods must be liquid to start with
 - (3) Not force feed the child
 - (4) Mash food thoroughly
- 43.** All are true about nutritional needs of teenagers *except* :
- (1) More calcium is required
 - (2) Over-indulge in fats
 - (3) Moderate salt intake
 - (4) Balanced diet
- 44.** The 'Rule of Halves' which addresses the status of adequacy in treatment for hypertension is
- (1) Rule 1
 - (2) Rule 2
 - (3) Rule 3
 - (4) Rule 4
- 45.** All among the following is a cancerous growth *except* :
- (1) Benign Prostate Hypertrophy
 - (2) Hodgkin's disease
 - (3) Leukemia
 - (4) Myeloma
- 46.** All are true about measuring waist circumference *except* :
- (1) Locate upper hip bone and top of right iliac crest
 - (2) Place measuring tape in horizontal plane
 - (3) Make sure the tape is not too tight
 - (4) Measure at start of normal inspiration

- 47.** A diagnosis of hyperthyroid is confirmed when TSH level is
- (1) Below 0.05 uIU/dl
 - (2) Above 0.05 uIU/dl
 - (3) Below 0.1 uIU/dl
 - (4) Above 0.1 uIU/dl
- 48.** All the following are causes for cervical cancer *except* :
- (1) Smoking
 - (2) Oral contraceptives
 - (3) Multiple pregnancies
 - (4) IV drug use
- 49.** All are the steps of clinical breast examination *except* :
- (1) Inspection of breasts
 - (2) Palpating Axilla
 - (3) Palpating breasts
 - (4) Auscultating nipples
- 50.** White patch in mouth found in oral cancer is termed as
- (1) Leukoplakia
 - (2) Erythroplakia
 - (3) Platoplakia
 - (4) Thromboplakia
- 51.** The interaction of 'man with man' in occupational environment involves all *except* :
- (1) Interaction of worker with co-worker
 - (2) Job satisfaction
 - (3) Incentives given
 - (4) Poor maintenance of machines

- 52.** Miner's Nystagmus is an occupational disease caused by
- (1) Heat
 - (2) Cold
 - (3) Light
 - (4) Pressure
- 53.** Most common occupational disease occurring in coal mines is
- (1) Asbestosis
 - (2) Anthracosis
 - (3) Aluminosis
 - (4) Byssinosis
- 54.** All the following are causes of Occupational Dermatitis *except* :
- (1) Virus
 - (2) Fruits
 - (3) Insecticides
 - (4) Radiation
- 55.** All are involved in primary prevention for combating occupational hazards *except* :
- (1) Proper lighting and ventilation
 - (2) Temperature of workplace at 25 – 27°C
 - (3) One lavatory for 50 workers
 - (4) Lunch room and creche
- 56.** All are physical symptoms associated with depressive disorder *except* :
- (1) Hopelessness
 - (2) Loss of interest
 - (3) Loss of weight
 - (4) Excessive sleep

- 57.** One of the following is an artificially produced hallucinogen :
- (1) Lysergic acid diethylamide
 - (2) Psilocybin Mushrooms
 - (3) Peyote
 - (4) Amphetamine
- 58.** All are the activities at Community Health Centre (CHC) level under District Mental Health Programme *except* :
- (1) Training for staff
 - (2) Outpatient services
 - (3) Medical and social care
 - (4) Counselling services
- 59.** Promotion of physical activity among the elderly can be done by all *except* :
- (1) Performing as per capacity
 - (2) Thirty minutes walk in the morning
 - (3) Avoid straining
 - (4) Heavy exercising
- 60.** One of the following is associated with Benign Prostatic Hyperplasia (BPH) in the elderly :
- (1) Stress incontinence
 - (2) Urinary incontinence
 - (3) Urge incontinence
 - (4) Functional urinary incontinence
- 61.** All are guiding principles in planning Behaviour Change Communication (BCC) Activity *except* :
- (1) Integrate with programme objectives
 - (2) Assessments to be summative
 - (3) Involving stakeholders
 - (4) Positive and action-oriented

- 62.** Manners and etiquette belong to one of the following subcategory of soft skills :
- (1) Communication
 - (2) Flexibility
 - (3) Courtesy
 - (4) Responsibility
- 63.** Multipurpose worker was introduced as per recommendation of
- (1) Bhore Committee
 - (2) Kartar Singh Committee
 - (3) Chadha Committee
 - (4) Mudaliar Committee
- 64.** One of the following is the role of the Chairperson of Village Health Sanitation and Nutrition Committee (VHSNC) :
- (1) Ensure monthly meetings
 - (2) Fix venue of meeting
 - (3) Ensure utilization of untied fund
 - (4) Mapping the marginalized households
- 65.** Quality of a leader believing the happenings around him are more under his control than external forces is termed as
- (1) Stress tolerance
 - (2) Emotional maturity
 - (3) Personal integrity
 - (4) Internal locus of control
- 66.** Greater autonomy is enjoyed in
- (1) Transformational leadership
 - (2) Collaborative leadership
 - (3) Shared leadership
 - (4) Ethical leadership

67. One of the following is the feature of Monitoring :

- (1) Episodic
- (2) Continuous process
- (3) Wider approach
- (4) Interaction-oriented

68. Health Management Information Systems (HMIS) involves all *except* :

- (1) Computers at all levels
- (2) Software with one domain
- (3) Mother and Child tracking system
- (4) Easy transmission of data

69. Functions of Medical Record Department include all *except* :

- (1) Daily receipt of case sheets
- (2) Participation in door-to-door survey
- (3) Retrieval of records as per requirement
- (4) Preparing periodical reports

70. Barcode medication administration level is

- (1) Stage 0
- (2) Stage 3
- (3) Stage 5
- (4) Stage 7

SPACE FOR ROUGH WORK