

**CERTIFICATE IN COMMUNITY HEALTH FOR  
NURSES (BPCCHN)**

**Term End Examination,**

**June, 2022**

**BNS-041 : FOUNDATIONS OF COMMUNITY HEALTH**

*Time : 3 Hours*

*Maximum Marks : 70*

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**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.

## **How to fill up the information on the OMR Response Sheet (Examination Answer Sheet)**

1. Write your complete Enrolment No. in 9 digits. This should correspond to the enrolment number indicated by you on the OMR Response Sheet. Also write your correct name, address with pin code in the space provided. Put your signatures on the OMR Response Sheet with date. Ensure that the Invigilator in your examination hall also puts his signatures with date on the OMR Response Sheet at the space provided.
2. On the OMR Response Sheet student's particulars are to be filled in by blue/black ball pen also. Use blue/black ball pen for writing the Enrolment No. and Examination Centre Code as well as for blackening the circle bearing the correct answer number against the serial number of the question.
3. Do not make any stray remarks on this sheet.
4. Write correct information in numerical digits in Enrolment No. and Examination Centre Code Columns. The corresponding circle should be dark enough and should be filled in completely.
5. Each question is followed by four probable answers which are numbered (1), (2), (3) and (4). You should select and show only one answer to each question considered by you as the most appropriate or the correct answer. Select the most appropriate answer. Then by using blue/black ball pen, blacken the circle bearing the correct answer number against the serial number of the question. If you find that answer to any question is none of the four alternatives given under the question, you should darken the circle with '0'.
6. No credit will be given if more than one answer is given for one question. Therefore, you should select the most appropriate answer.
7. You should not spend too much time on one question. If you find any particular question difficult, leave it and go to the next. If you have time left after answering all the questions, you may go back to the unanswered question.
8. There is no negative marking for wrong answers.

1. Secondary prevention controls or halts the progression of disease :
  - (1) Before onset of disease
  - (2) Disability stage
  - (3) Incipient stage
  - (4) Restoration stage
  
2. Social health includes all *except* :
  - (1) Supportive social network
  - (2) Valuing cultural diversity
  - (3) Interpersonal ties
  - (4) Sustainable lifestyle
  
3. Municipal Boards cater to a population of :
  - (1) 5,000 to 10,000
  - (2) 2 lakh
  - (3) 10,000 to 2 lakh
  - (4) 80,000 to 1.5 lakh
  
4. Chief technical advisor to State Government on all matters relating to medicine and public health is :
  - (1) Director of Health Services
  - (2) Regional Director
  - (3) Functional Director
  - (4) Health Secretary
  
5. One of the following is indication for using Iodine for water purification :
  - (1) During routine use
  - (2) During emergency conditions
  - (3) Improves thyroid activity
  - (4) Low cost

6. Advises to the family for decreasing air pollution include all *except* :
- (1) Getting efficient Chulas
  - (2) Kitchen to be built separate from house
  - (3) Separating animal sheds from main house
  - (4) Cook in kitchen by involving children
7. All are characteristics of septic tank *except* :
- (1) Solids settle out of waste water
  - (2) Anaerobic decomposition of organic solids
  - (3) Treatment waste water is full
  - (4) Watertight chamber
8. A cohort study has one of the following features :
- (1) Prospective in nature
  - (2) Low cost study
  - (3) Done after disease occurs
  - (4) Easy to organize
9. Epidemic where no specific pattern of occurrence of disease with respect to time and place exists is called as :
- (1) Endemic
  - (2) Sporadic
  - (3) Periodic epidemic
  - (4) Secular epidemic
10. An individual who has been exposed to and harbours a disease causing agent during the recovery phase of course of illness but is still infectious is said to be :
- (1) Convalescent carrier
  - (2) Healthy carrier
  - (3) Temporary carrier
  - (4) Chronic carrier

11. The vital statistic which is a valuable source to find population of women in India is :

- (1) Fertility rate
- (2) Birth rate
- (3) Population census
- (4) Sex ratio

12. Malaria surveillance is an example of one of the following types of surveillance :

- (1) Active surveillance
- (2) Passive surveillance
- (3) Sentinel surveillance
- (4) Permanent surveillance

13. Metallic body implants should be thrown in one of the following bags :

- (1) Red
- (2) Yellow
- (3) Blue
- (4) Black

14. All are characteristics of antibiotic policy of health care setting *except* :

- (1) Find out areas of irrational antibiotic usage.
- (2) Based upon experience of doctors using different types of antibiotics
- (3) Proper drug doses
- (4) Drugs showing resistance are retained

15. One of the cheapest sources of Vitamin A is :

- (1) Coriander
- (2) Ghee
- (3) Papaya
- (4) Milk

16. Diet plan for a Toddler has the following characteristics *except* :
- (1) Half the amount of food as adults.
  - (2) Shape the eating pattern for whole life.
  - (3) Fluids must be restricted.
  - (4) Foods must be easy to eat.
17. The focal point for the delivery of services under ICDS scheme is :
- (1) AWW (Anganwadi Worker)
  - (2) MPHWS (Multipurpose Health Worker)
  - (3) MO (Medical Officer)
  - (4) ANM (Auxiliary Nurse Midwife)
18. Deficiency of one of the following minerals causes spontaneous abortions and congenital malformations :
- |          |             |
|----------|-------------|
| (1) Iron | (2) Calcium |
| (3) Zinc | (4) Sodium  |
19. Foods at the 'Apex of Food Pyramid' according to recommended consumption for pregnant adult women are :
- |                         |                            |
|-------------------------|----------------------------|
| (1) Cereals and millets | (2) Vegetables and fruits  |
| (3) Animal source foods | (4) Highly processed foods |
20. The hormone having a major role in ejection of milk during breastfeeding is :
- |                         |               |
|-------------------------|---------------|
| (1) Prolactin           | (2) Oxytocin  |
| (3) Leutenizing hormone | (4) Thyroxine |

21. All are the dietary guidelines for pregnant and lactating mothers *except* :

- (1) 300 extra calories/day
- (2) One seasonal fruit daily
- (3) Large and standard meals
- (4) Green leafy vegetables for folic acid

22. One of the following is not an exception to exclusive breastfeeding :

- (1) Oral vaccine
- (2) ORS
- (3) Vitamins
- (4) Water

23. All are the methods to increase energy density of instant foods *except* :

- (1) Adding ghee
- (2) Adding jaggery
- (3) Feeding thin mixtures
- (4) Giving malted food

24. Weight of 61-70% of expected for age is a characteristic of :

- (1) Grade I PEM
- (2) Grade II PEM
- (3) Grade III PEM
- (4) Grade IV PEM

25. Appearance of Bitot's spot is the characteristic of deficiency of one of these vitamins :

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

26. The disease occurring due to thyroid and iodine deficiency is :

- (1) Goitre
- (2) Myxodema
- (3) Mutism
- (4) Cretinism

27. One among the following programmes falls under Ministry of Human Resource Development :

- (1) Special Nutrition Programme      (2) Balwadi Nutrition Programme
- (3) Mid-day Meal                              (4) Integrated Child Development Service

28. Cutaneous infections like boils is a source of one of the following food poisoning :

- (1) Salmonella                              (2) Staphylococcal
- (3) Botulism                                      (4) *B. cereus*

29. Hansen's disease is caused by :

- (1) *Mycobacterium leprae*              (2) *Mycobacterium tuberculosis*
- (3) *Corynebacterium diphtheria*      (4) *Clostridium tetani*

30. The role of making 'Thin Films' during microscopy for malaria screening is to :

- (1) Identify the species                      (2) Diagnosis purpose
- (3) Understand the disease              (4) Find out the symptoms

31. Water birds of Ardeidae family are natural hosts for :

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

32. All are true about Chikungunya *except* :

- (1) Bent posture of patient due to joint pain
- (2) Antibody levels are high during 1st week
- (3) Commercial vaccine is not available
- (4) Repellents used must contain DEET, IR 3535





38. The most common epilepsy which affects majority of people is :

- (1) Idiopathic Epilepsy
- (2) Primary Epilepsy
- (3) Secondary Epilepsy
- (4) Tertiary Epilepsy

39. One among the following is Macrovascular complication of diabetes :

- (1) Retinopathy
- (2) Nephropathy
- (3) Neuropathy
- (4) Stroke

40. Stage 2B cervical cancer is characterized by growth into :

- (1) Top part of vagina
- (2) The tissues around the cervix
- (3) Area of cervix
- (4) Blocked the ureter

41. The dose of cervarix vaccine is :

- (1) 0.1 ml
- (2) 0.5 ml
- (3) 0.01 ml
- (4) 0.05 ml

42. Siderosis is a disease caused by dust of :

- (1) Silica
- (2) Asbestos
- (3) Iron
- (4) Barium

43. All are true about Cardiovascular system changes in elderly *except* :

- (1) Progressive loss of myocardial muscle cells
- (2) Decrease in cell volume
- (3) Depletion of fat cells
- (4) Heart becomes flabbier

44. The urinary incontinence in which there is inability to hold urine due to delirium or impaired mobility is :
- (1) Stress Urinary Incontinence      (2) Urge Urinary Incontinence  
(3) Mixed Urinary Incontinence      (4) Functional Urinary Incontinence
45. Argumentative behaviour is a characteristic of :
- (1) Oppositional defiant disorder      (2) Obsessive disorder  
(3) Schizophrenia      (4) Conduct disorder
46. All are the objectives of stage two of problem solving process *except* :
- (1) Generate ideas      (2) Evaluate ideas  
(3) Decide best possible solution      (4) Build an action plan
47. One among the following describes the 'Intention' step of behaviour change :
- (1) Learning new behaviour      (2) Approving behaviour  
(3) Intends to adopt the practice      (4) Continuing to practice
48. One of these is a 'Social Pressure' technique of behaviour change :
- (1) Skill practice      (2) Rationale appeal  
(3) Sustaining behaviour      (4) Encouragement of loved ones
49. All of the following are guiding principles in planning behaviour change communication activity *except* :
- (1) BCC can be integrated with goals at any level  
(2) Stakeholders to be involved  
(3) Pre-test the BCC materials  
(4) Have variety of linked communication channels

50. All of the following are the roles of Village Health Sanitation and Nutrition Committee (VHSNC) *except* :

- (1) Inform community about health programmes
- (2) Collective action for better health
- (3) Report to Ministry of Health and Family Welfare
- (4) Support community front line workers

51. One among the following is a voluntary health worker :

- (1) ASHA
- (2) ANM
- (3) MPW's
- (4) Anganwadi workers

52. Kartar Singh Committee recommended multipurpose health workers in the year :

- (1) 1974
- (2) 1975
- (3) 1976
- (4) 1977

53. Lady Health Visitors act as supervisors of Auxiliary Nurse Midwife at level of :

- (1) Sub-centre
- (2) Primary Health Centre
- (3) Community Health Centre
- (4) Tertiary Health Centre

54. The type of leadership in which “no member of the group influences another member” is :

- (1) Authoritarian
- (2) Democratic
- (3) Laissez-faire
- (4) Directive

55. All are the guidelines for “choosing the date and timing for the health camp” *except* :
- (1) Must take place on working day
  - (2) Summer months to be avoided
  - (3) Must run for the entire day
  - (4) Choose a day when most of the residents are at home
56. One of the following is a characteristic of traditional supervision :
- (1) On-site training
  - (2) Feedback on performance
  - (3) Ongoing monitoring
  - (4) Periodic visits of external supervisors
57. Data quality is ensured by all of the following *except* :
- (1) Completeness
  - (2) Timeliness
  - (3) Accuracy
  - (4) Entry errors
58. All the values which lie above or below 2 standard deviations in a data are referred to as :
- (1) Missing values
  - (2) Outliers
  - (3) Indicators
  - (4) Systemic errors
59. Annual Maintenance Grant is applicable to one of the following sub-centres which are functioning in :
- (1) Labour centres
  - (2) Government buildings
  - (3) Private buildings
  - (4) Isolated buildings

60. All the ledger accounts at sub-center are closed at end of the :

- (1) Week
- (2) Fortnight
- (3) Month
- (4) Quarter

61. One of the following is not related to guidelines for filling of records :

- (1) They can be arranged alphabetically.
- (2) They should be permanent.
- (3) They must be traceable with permanent ink.
- (4) These must be accessible to all.

62. All are unit based records *except* :

- (1) Individual health cards
- (2) Medicine records
- (3) Family folders
- (4) Community folders

63. Computerized Provider Order Entry (CPOE) is at one of the following level of automation :

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

64. All of the following are advantages of electronic health record *except* :

- (1) Easily accessible
- (2) Easy to send digital file
- (3) Hacking-proof system
- (4) Reduction in errors due to bad handwriting

65. Glaucoma is one of the following types of blindness :

- (1) Preventable
- (2) Curable
- (3) Refraction error
- (4) Complete

66. Visual inspection by acetic acid is the diagnostic test for :

- (1) Cervical cancer
- (2) Breast cancer
- (3) Lung cancer
- (4) Oral cancer

67. All are causes of occupational type of plumbism *except* :

- (1) Lead ore
- (2) Glass paint
- (3) Printed potteries
- (4) Automobile exhaustion

68. Falciparum malaria is treated by one of the following :

- (1) Chloroquine
- (2) Primaquine
- (3) Paracetamol
- (4) Artemisinin

69. Koplik's spots in measles are :

- (1) White colored
- (2) Red colored
- (3) Pink colored
- (4) Purple colored

70. The only reservoir of polio is :

- (1) Man
- (2) Dogs
- (3) Cats
- (4) Rats

## **Rough Work**