

**Fourth B.H.M.S. (New) Examination, Summer (Phase - III All  
Other Remaining UG/PG Courses) - 2020  
COMMUNITY MEDICINE**

Total Duration : 3 Hours

Total Marks : 100

- Instructions :**
- 1) Use **blue/black** ball point pen only.
  - 2) **Do not** write anything on the **blank portion of the question** paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.
  - 3) **All** questions are **compulsory**.
  - 4) The number to the **right** indicates **full** marks.
  - 5) Draw diagrams **wherever** necessary.
  - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

1. Write short answer (**any ten** out of fifteen) : [10 × 2 = 20]
- a) Any four causes of cancer.
  - b) Define Pandemic diseases.
  - c) Define demography.
  - d) Clinical methods of assessment of obesity.
  - e) Prevention and control of hookworm infection. (Any Two)
  - f) Define disinfection.
  - g) Name any four hazards of noise pollution.
  - h) Two functions Aasha workers.
  - i) Two methods of Health communication.
  - j) Define balanced diet.

- k) Two methods of Milk pasteurization.
- l) What is Safe and wholesome water.
- m) Name any four occupational cancer.
- n) Uses of growth chart.
- o) Four basic activities in health management.

2. Write short answer (**any four** out of six): [4 × 5 = 20]

- a) Describe Modes of transmission.
- b) Compare main differences between case control and cohort studies.
- c) Typhoid - prevention and control.
- d) Epidemiology of breast cancer.
- e) Compare and contrast active immunity and passive immunity.
- f) Mention in detail various sources of health information.

3. Write short answer (**any four** out of six) : [4 × 5 = 20]

- a) Health for all.
- b) Indicators of health.
- c) Food borne diseases.
- d) Warning signals of poor mental health and causes of mental illhealth.
- e) International and Indian red cross.
- f) Occupational diseases.

4. Long answer question (**any two** out of four) : [2 × 10 = 20]

- a) Mention in detail epidemiological determinants and classification of leprosy.
- b) Principal methods of refuse disposal.
- c) Mention classification, rules of halves, risk factors and prevention of hypertension.
- d) Role of homoeopathy in prevention of diseases.

Long answer question (**any one** from Q. No.5, 6 and 7)) :

5. Write in detail about rabies with respect to epidemiological determinants, clinical presentation, diagnosis, treatment and prevention. [1 × 20 = 20]
6. Define nutrition and classification of foods. Enumerate various nutritional problems in public health. [1 × 20 = 20]
7. Define infant mortality rate, enumerate factors affecting infant mortality and prevention of the same. [1 × 20 = 20]





Fourth B.H.M.S. (2015) Examination, Summer  
(Phase - III All Other Remaining UG/PG Courses) - 2020  
**COMMUNITY MEDICINE**

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Total Marks : 100

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  - 5) Draw diagrams **wherever** necessary.
  - 6) Distribution of syllabus in Question Paper is only meant to cover entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any paper's syllabus into any question paper. Students cannot claim that the Question is out of syllabus. As it is only for the placement sake, the distribution has been done.

1. Write short answer (**any ten** out of fifteen) : [10 × 2 = 20]
- a) Define Health by WHO.
  - b) Explain Difference between Food additives and Food fortification.
  - c) Rates and Ratios.
  - d) Causative organism and Mode of transmission of Measles.
  - e) Classification of Hypertension.
  - f) Define Demography.
  - g) Sources of Proteins.
  - h) Essential Fattyacids.
  - i) Mosquito borne diseases.

- j) What is GOBI?
- k) Write 3 signals of poor mental health.
- l) Define Communication.
- m) Functions of FAO (Food and Agricultural Organization).
- n) Epidemic, Endemic and Sporadic Diseases.
- o) Diseases Transmitted by rodents.

2. Write short answer (**any four** out of six) :

[4 × 5 = 20]

- a) Agent Factors.
- b) Clinical features of Rheumatic Heart Disease.
- c) Hazards of Obesity.
- d) Sources of Water Supply.
- e) Overcrowding.
- f) Bore Hole Latrine.

3. Write short answer (**any four** out of six) :

[4 × 5 = 20]

- a) Aims and uses of Epidemiology.
- b) Clinical features of Diphtheria.
- c) BCG Vaccine.
- d) Mode of transmission of Hepatitis B.
- e) Adulteration of Food.
- f) Work of World Health Organization.

4. Long answer question (**any two** out of four) : [2 × 10 = 20]
- a) Define Coronary Heart Diseases, write Risk factors and Prevention.
  - b) What are Occupational Diseases? Write occupational Hazards of Agriculture Workers.
  - c) What are Contraceptive Methods? Write in detail about Barrier Methods.
  - d) Write Role of Homoeopathic Medicine as Preventive Medicine.

**Long answer question (any one from Q.No. 5, 6 and 7) :**

5. Write Dynamics of Disease Under following headings : [1 × 20 = 20]
- a) Source and Reservoir.
  - b) Mode of Transmission.
  - c) Incubation period and its importance.
  - d) Host factors.
6. Write Dengue Syndrome under : [1 × 20 = 20]
- a) Classical Dengue Fever.
  - b) Dengue hemorrhagic Fever.
  - c) Clinical and laboratory diagnosis.
  - d) Prevention and control.
7. Write Infant Mortality Rate Under : [1 × 20 = 20]
- a) Definition.
  - b) Causes.
  - c) Under Five Clinic.
  - d) Prevention and control of the same.

