

**Fourth BHMS (New) Examination, Winter  
(Phase - III All Other remaining UG/PG Course) - 2019  
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) Define Epidemiology.
- b) Define Prevalance.
- c) Clinical trial.
- d) Risk factors of hypertension.
- e) Iatrogenic disease.
- f) Responsibility of health.
- g) Primordial Prevention.
- h) Pictogram.
- i) 2 examples of Conventional Contraceptives.
- j) Age pyramid.
- k) Basic activities in health management.
- l) Acculturation.
- m) Juvenile delinquency.
- n) Health problems of the aged.
- o) Define Sanitation barriers.

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

- a) Dynamics of disease transmission.
- b) Descriptive epidemiology.
- c) Modes of transmission and clinical features of typhoid.
- d) Epidemiology of accidents.
- e) What is herd immunity and adverse effects of immunization.
- f) Define biostatistics. What are various sources of data and add a note on vital events.

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

- a) Health for all.
- b) Mention various indicators of health.
- c) Lathyrism.
- d) Define drug abuse. Mention the warning signals of poor mental health.
- e) UNICEF.
- f) What is ergonomics and mention various occupational hazards of agricultural workers.

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

- a) Epidemiology of measles. Differentiate between eruptions of chicken pox and measles.
- b) Write in detail about AnteNatal Care.
- c) Epidemiology of obesity and assessment of it.
- d) Role of homoeopathy in prevention of diseases and add a note about vaccinosis.

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

5. Describe in detail epidemiology of Dengue syndrome & add a note on control of it. [1 × 20 = 20]

6. Define Demography, Write in detail Demographic cycle, add a note on causes, effects of population explosion & control of it. [1 × 20 = 20]

7. Write in detail sources of water, water borne diseases and add a note on methods of purification of water. [1 × 20 = 20]



**Fourth BHMS (2015) Examination, Winter  
(Phase - III All Other remaining UG/PG Course) - 2019  
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) Responsibility of health
- b) Define incidence and give its formula
- c) Define "lead time".
- d) Lepromin test
- e) 4 common causes of blindness
- f) What does GOBI stand for?
- g) Target couple-explain
- h) Any 4 objectives of neonatal care
- i) Visible and Invisible fats
- j) Define safe and wholesome water
- k) Name 4 occupational cancer
- l) Define Eugenics and its types.
- m) Any 4 causes of mental illhealth
- n) Name any 4 vital events
- o) Folk media

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

- Define health and explain various modes of interventions.
- Write in detail about epidemiological determinants and screening for diabetes.
- Define solid wastes and explain methods of disposal.
- Write in brief about primary health centre.
- Define drug abuse. Explain with reference to agent, host, environment and prevention.
- Define screening. Mention its types and uses.

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

- Compare and contrast Case control study and Cohort study.
- Discuss in detail about AIDS with respect to agent factor, host factor, mode of transmission and control.
- Write the components and types of communication.
- Write in detail about WHO.
- Discuss in brief about National rural health mission.
- Mention the various sources of health information and discuss various methods of presenting data.

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

- Define Ergonomics. Discuss in detail occupational diseases and its prevention.
- Mention risk factors for hypertension and its prevention in detail.
- Discuss in detail various factors influencing fertility. Elaborate various natural and terminal methods of contraception.
- Discuss in detail role of Homoeopathy in prevention of diseases through constitutional, specific and anti miasmatic remedies.

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

5. Write in detail about tuberculosis with respect to its natural history and control. Add a note on BCG vaccination and DOTS. **[1 × 20 = 20]**

6. Define epidemiology and classify various epidemiological studies. Discuss descriptive epidemiology in detail. **[1 × 20 = 20]**

7. Define nutrition. Classify food and write in detail about food borne diseases. Add a note about Lathyrism and its prevention. **[1 × 20 = 20]**

X      X      X