



Avinashilingam Institute for Home Science and Higher Education for Women

Deemed to be University Estd. u/s 3 of UGC Act 1956, Category 'A' by MHRD (now MoE)

Re-accredited with 'A++' Grade by NAAC. CGPA 3.65/4, Category I by UGC

Coimbatore - 641 043, Tamil Nadu, India

Bachelor's Degree Examination – May 2025

IV Semester

Class : II UG

Major : Physician Assistant

Time: 3 Hours

Max. Marks: 100

22BPAC19 Community Medicine

Course outcomes:

On the successful completion of the course, students will be able to

CO1: Describe health system and health care services in India.

CO2: Identify major health problems, national health programmes and specialized community health services.

CO3: Demonstrate skills in rendering effective care in all aspects of community health settings.

CO4: Understand the Epidemiology and Epidemiological research methods and its application.

CO5 : State the importance of Epidemiology of communicable and non communicable diseases and its control.

Part A

10 x 1 = 10

Choose the Correct Answer

- Hospital acquired infection is termed as: CO5 K1
a. Contagious b. Nosocomial c. Acquires d. None of these
- An outbreak of disease is termed as: CO2 K1
a. Epidemic b. Incidence c. Prevalence d. Endemic
- Major foundation of epidemiological approach: CO4 K1
a. Asking question & Making comparison b. Rate & Ratio
c. Measurement of mortality d. Measurement of morbidity
- The following must be emphasized to strengthen health care delivery system in India CO2 K1
a. Increases opportunity to be healthy b. Giving national health care programme
c. Let people manage their own health d. Supportive health habits
- All the following are the initial elements of PHC EXCEPT: CO3 K1
a. Multiple sectorial approach b. Qualitative of health provider
c. Community participation d. Appropriate technology
- Prevention of risk factor is known as CO1 K1
a. Primordial prevention b. Primary prevention
c. Secondary prevention d. Tertiary prevention
- An example of primary preventive strategies is CO1 K1
a. Early diagnosis b. Hospital & treatment c. Rehabilitation d. Health education
- The drugs used for presumptive treatment of malaria is: CO5 K1
a. Chloroquine b. Chloramphenicol c. Dapsone d. Tetracycline
- An infection transmitted through animals to man is: CO5 K1
a. Mycosis b. Bacterial c. Anthropology d. Zoonoses
- The size of droplet nuclei that can be inhaled into the alveoli of lungs is: CO3 K1
a. 1-2 Microns b. 1-5 Microns c. 5-7 Microns d. 7-10 Microns

Part B
Answer ALL questions
Each answer should not exceed 400 words or two pages

5 x 6 = 30

- | | |
|--|--------|
| 11.a. Discuss epidemiological approaches.
(or) | CO4 K2 |
| 11.b. Explain dynamics of disease transmission with suitable examples. | CO1 K1 |
| 12.a. Discuss employees state insurance scheme.
(or) | CO3 K3 |
| 12.b. Explain primary health care principles. | CO3 K2 |
| 13.a. Write a note on alternative system of medicine.
(or) | CO5 K4 |
| 13.b. Discuss National Health Policy. | CO2 K2 |
| 14.a. Explain the vital role of family in maintaining health and preventing illness.
(or) | CO3 K4 |
| 14.b. Enumerate the levels of prevention. | CO2 K2 |
| 15.a. Discuss Tetanus.
(or) | CO5 K4 |
| 15.b. Enumerate identify and manage depression in community setting. | CO5 K5 |

Part C
Answer ALL questions
Each answer should not exceed 800 words or four pages

5 x 12 = 60

- | | |
|---|--------|
| 16.a. Define health. Explain the qualities and principles of community health worker.
(or) | CO1 K1 |
| 16.b. Define home visit, List out the advantages of home visit. Explain the principles of home visit. | CO3 K2 |
| 17.a. Write in detail about health care delivery system in India.
(or) | CO2 K2 |
| 17.b. Describe five year plan. | CO2 K2 |
| 18.a. Narrate the components of health services, Discuss the role on planning and organizing school Health Programme.
(or) | CO3 K2 |
| 18.b. Discuss National Health Problems. | CO4 K3 |
| 19.a. Discuss in detail about the occupational hazards and its prevention. How will you promote occupational health.
(or) | CO3 K3 |
| 19.b. Define hypertension. List the risk factors for hypertension. Explain how to care patients with hypertension in community? | CO5 K3 |
| 20.a. List the communicable diseases of respiratory.
(or) | CO5 K4 |
| 20.b. Explain the roles and functions of various voluntary health agencies in India. | CO2 K2 |
