

(7 pages)

Reg. No. :

Code No. : 10890 E Sub. Code : ESMI 11/
FSMI 11

B.Sc. (CBCS) DEGREE EXAMINATION,
NOVEMBER 2024.

First Semester

Microbiology

Skill Enhancement Course – I —
SOCIAL PREVENTIVE MEDICINE

(For those who joined in July 2023 onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. Which of the following is NOT considered a social determinant of health?
(a) Income (b) Education
(c) Genetics (d) Employment
2. Which measure reflects the proportion of a population that is healthy at a given time?
(a) Health expectancy (b) Morality rate
(c) Incidence rate (d) Health index
3. Which psychological approach is often used to treat phobias and anxiety in health management?
(a) Psychoanalysis
(b) Cognitive - Behavioral Therapy (CBT)
(c) Humanistic therapy
(d) Hypnosis
4. Which initiative aims to eradicate polio from India?
(a) National polio surveillance program
(b) Pulse polio immunization
(c) Universal immunization program
(d) Mission Indradanush
5. What is the primary goal of community health care?
(a) To cure diseases
(b) To prevent and control diseases
(c) To improve hospital infrastructure
(d) To conduct clinical trials

6. Which condition is a major cause of maternal deaths globally?
 - (a) Obesity (b) Hypertension
 - (c) Hemorrhage (d) Diabetes
7. Which of the following is an example of primary prevention?
 - (a) Vaccination programs
 - (b) Cancer screenings
 - (c) Physical therapy
 - (d) Antibiotic treatment
8. The timely reporting of disease outbreaks is essential for?
 - (a) Allocating health care resources
 - (b) Reducing panic among the population
 - (c) Ensuring political stability
 - (d) Developing vaccines
9. What is the primary focus of alternative medicine systems in managing pandemic outbreaks?
 - (a) Strengthening the immune system
 - (b) Immediate surgical intervention
 - (c) Use of modern pharmaceuticals
 - (d) Isolation of patients

10. Which organization is responsible for coordinating the implementation of the International Health Regulations?
 - (a) United Nations
 - (b) World Trade Organization
 - (c) World Health Organization
 - (d) Centers for Disease Control and Prevention

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).
Each answer should not exceed 250 words.

11. (a) Outline the role of social medicine in addressing health disparities.

Or
(b) What is the WHO definition of health, and how does it differ from traditional view?
12. (a) What are the primary health risks associated with poor sanitation?

Or
(b) List three common environmental hazards and briefly describe their impact on human health.

13. (a) Briefly describe the role of geriatrics in modern health care.

Or

- (b) Analyze the challenges in reducing maternal mortality rates in developing countries.

14. (a) List and briefly describe the levels of prevention in health care.

Or

- (b) What are the basic steps involved in the monitoring and reporting of disease outbreaks?

15. (a) Explain how Ayurveda suggests maintaining health and immunity during pandemic.

Or

- (b) Discuss the role of Naturopathy in strengthening the immune system to combat infectious diseases.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b)
Each answer should not exceed 600 words.

16. (a) Explain the components and functions of health information system, discuss its role in improving health care delivery and decision making.

Or

- (b) Analyse the process of health policy formulations, implementations and evaluation using specific policy as a case study.

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17. (a) Discuss the applications of behavioral sciences and psychology in designing effective health management programs, provide examples to support your answers.

Or

- (b) Evaluate the role of nutritional programs in the management and prevention of communicable and non communicable diseases.

18. (a) Discuss the importance of health education achieving effective health communication.

Or

- (b) Explain the importance of nutrition and physical activity programs in school.

19. (a) Explain the process of risk assessment in communities and vulnerable populations and how it can be utilized to improve health outcomes.

Or

- (b) Discuss the various methods used for the early detection of diseases and their effectiveness in preventing outbreaks.

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- 20 (a) Evaluate the effectiveness of Unani and Homeopathy medicines in preventing and managing infectious diseases during past pandemics, provide examples.

Or

- (b) Evaluate the effectiveness of different precautionary responses taken during the Ebola outbreak and their influence on International Health Policies.
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