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Reg. No. : .....

Code No. : 10392 E      Sub. Code : ESMI 11/  
FSMI 11

B.Sc. (CBCS) DEGREE EXAMINATION,  
NOVEMBER 2025.

First Semester

Microbiology

Skill Enhancement Course I — SOCIAL AND  
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. The purpose is to limit the incidence of disease by controlling causes and risk factors are \_\_\_\_\_.  
(a) primardial prevention  
(b) primary prevention  
(c) secondary prevention  
(d) tertiary prevention

2. Occurrence in the community of a number of cases of disease that is usually large or unexpected is called \_\_\_\_\_.  
(a) Endemic                      (b) Epidemic  
(c) Pandemic                      (d) Allergy
3. \_\_\_\_\_ is the study of the determinants, occurrence and distribution of health and disease in a defined population.  
(a) Epidemiology                      (b) Microbiology  
(c) Cohort                      (d) Case control
4. The earliest recorded pandemic and the Black death was speculated to be \_\_\_\_\_.  
(a) plague                      (b) rabis  
(c) leprosy                      (d) tuberculosis
5. The 1918 flu pandemic, also called the Spanish flu was caused by \_\_\_\_\_.  
(a) HINI influenza a virus  
(b) SARS virus  
(c) Influenza C virus  
(d) Pox virus

6. If a disease jumps from a non-human animal to a human, then it is termed as \_\_\_\_\_.
- (a) Zoonotic disease.
  - (b) Infectious disease
  - (c) Congenital disease
  - (d) Iatrogenic disease
7. The world Health day is celebrated on \_\_\_\_\_.
- (a) March-1                      (b) 7<sup>th</sup> April
  - (c) 6<sup>th</sup> October                      (d) 10<sup>th</sup> December
8. Cleanliness, physical exercise, rest and sleep are a part of \_\_\_\_\_.
- (a) Hygiene
  - (b) Social hygiene
  - (c) Personal hygiene
  - (d) Domestic hygiene
9. The main cause of contagious disease is are \_\_\_\_\_.
- (a) contaminated air
  - (b) contaminated food
  - (c) poor hygienic conditions
  - (d) all the above

10. Which one of the following is an unhealthy habit?
- (a) sharing boiled food
  - (b) bathing twice a day
  - (c) drinking boiled water
  - (d) eating without washing one's hand

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

Answer should not exceed 250 words.

11. (a) Discuss the concept of health and disease.
- Or
- (b) Write about mortality and migration.
12. (a) Summarize the environmental hazard and control management.
- Or
- (b) Focus about behavioural sciences.
13. (a) Design welfare of the aged-mental health.
- Or
- (b) Discuss about Geriatricus care.

14. (a) State the role of preventive medicine.

Or

(b) How do you write a disease outbreak report?

15. (a) Focus on the importance of SARS virus.

Or

(b) Write about disease outbreak in pandemic of COVID.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b).

Answer should not exceed 600 words.

16. (a) Illustrate about population health policy.

Or

(b) How will you do quantitative measurement of health?

17. (a) Comment on national programme for non-communicable disease.

Or

(b) Explain in detail about psychology in health management.

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18. (a) Enumerate the health care of the education through communication.

Or

(b) Mention the health services through general practitioners.

19. (a) Segregate the risk assessment in communities.

Or

(b) Give a detail study on forecasting and control measures in community setting.

20. (a) Write in detail about unani medicine.

Or

(b) Discuss about role of ayurvedhic in disease outbreak.

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