

31 DEC 2019

**THIRD YEAR MBBS (PART I) Exam**

**Code:- 9684**

COMMUNITY MEDICINE (PSM)-Paper I

**Time: 3 Hours]**

**[Total Marks: (60)**

**Instructions:**

- (1) Write legibly and to the point.
- (2) Figures on the right indicate full marks of the question.

**SECTION-I**

1. Write comprehensive notes on any two: **(14)**
  - (1) Explain – Time distribution of disease.
  - (2) Describe slow sand filtration method of water purification.
  - (3) Iodine deficiency disorders – Epidemiology and prevention.
2. Write short notes on any four : **(16)**
  - (1) Explain in brief - the concept of eugenics.
  - (2) Why carriers are important in public health? Classify carriers of communicable disease.
  - (3) Enlist sources of Iron, Calcium, Vitamin A and Vitamin C. What is the daily requirement of each of them for an adult female?
  - (4) Explain cafeteria approach and pearl index in contraception.
  - (5) Explain – Concept of incubation period and serial interval.

**SECTION-II**

1. Write comprehensive notes on any two: **(14)**
  - (1) How will you evaluate a screening test?
  - (2) Describe in detail – Cohort study.
  - (3) Explain demographic cycle.
2. Write short notes on any four: **(16)**
  - (1) National Immunization Schedule
  - (2) Break point chlorination
  - (3) Explain in brief – Group approaches in health communication
  - (4) Enumerate indices of thermal comfort. Explain in brief – Cooling power of air
  - (5) Explain – How a family can affect health of an individual at various stages of life?