



**RAN-3723**

**Third M.B.B.S. (Phase-I) (Part -I) Examination**

**July - 2020**

**Community Medicine (PSM)**

**Paper - I**

**Time: 2.30 Hours ]**

**[ Total Marks: 60**

**સૂચના : / Instructions**

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.  
Fill up strictly the details of signs on your answer book

Name of the Examination:

Third M.B.B.S. (Phase-I) (Part -I)

Name of the Subject :

Community Medicine (PSM) Paper - I

Subject Code No.: 3 7 2 3

Seat No.:

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Student's Signature

(2) All questions are compulsory

(3) Please answer each section in two separate answer sheets

**Q.1. Very short questions:**

**10 X 1 = 10**

- Define incubation period.
- What is Secondary Attack Rate (SAR)?
- What are the extra domestic sources of air pollution?
- Which process is said to be the "heart" of a control trail?
- Define cold chain.
- How many true positive persons can be detected by a screening test having sensitivity of 80% when applied on 900 confirmed disease individual for dengue?
- Enumerate two job responsibilities of Accredited Social Health Activist (ASHA) Worker
- What is sewage?
- What is target couple?
- What is meaning of measures of central tendency.

**RAN-3723 ]**

**[ 1 ]**

**[ P.T.O. ]**

**Q.2.** Describe cohort study in detail. 10

**Q.3. Short questions** 5 X 2 = 10

- a) What is disaster preparedness?
- b) What is dependency ratio?
- c) What is nosocomial infection and give examples of it.
- d) Write complete names of four national programmes related to non-communicable diseases.
- e) Explain difference between incidence and prevalence

**Q.4. Short questions** 5 X 3 = 15

- a) Write difference between monitoring and evaluation.
- b) Write down on herd immunity
- c) What is primordial prevention? Explain with examples.
- d) Write the different categories, type of bag /container used, types of waste and treatment and disposal option of biomedical waste.
- e) Write on fertility related indicators.

**Q.5. Write short notes on:** 5X3 = 15

- a) Epidemiological Triad
- b) Census
- c) Write breeding place of house fly, mode of transmission of disease, disease transmitted by housefly and housefly control measures
- d) Write down on uses of epidemiology
- e) Write down on effect of radiation on health.



**RAN-3724**

**Third M.B.B.S. (Phase-I) (Part - I) Examination**

**July - 2020**

**Community Medicine (PSM)**

**Paper - II**

**Time: 2.30 Hours ]**

**[ Total Marks: 60**

**સૂચના : / Instructions**

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવડી પર અવશ્ય લખવી.  
Fill up strictly the details of signs on your answer book

Name of the Examination:

Third M.B.B.S. (Phase-I) (Part - I)

Name of the Subject :

Community Medicine (PSM) Paper - II

Subject Code No.: 3 7 2 4

Seat No.:

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Student's Signature

- (2) All questions are compulsory  
(3) Please answer each section in two separate answer sheets

**Q.I. Very short questions:**

**10 X 1 = 10**

- What is acculturation?
- What is Net Protein Utilization (NPU)?
- What is day light factor?
- Enumerate dietary sources of Iron.
- Write 3 criteria for diagnosis of Severe Acute Malnutrition (SAM) Child.
- What is ABER and its importance?
- Write full form of UNICEF
- Define Bio-Medical Waste?
- What is rooming - in?
- Define Low Birth Weight (LBW).

**RAN-3724 ]**

**[ 1 ]**

**[ P.T.O. ]**

**Q.2.** Describe the epidemiology and control measures for dengue syndrome. **10**

**Q.3. Short questions** **5 X 2 = 10**

- a) Write on importance of pre placement examination in occupational health.
- b) Write on exclusive breast feeding.
- c) Write on common causes of maternal mortality in India.
- d) Write on balance diet
- e) Write on WHO criteria for diagnosis of Rheumatic Fever and Rheumatic Heart Disease (RHD).

**Q.4. Short questions** **5 X 3 = 15**

- a) What are the risk factors for cancer of breast?
- b) Write down on syndromic approach.
- c) Write down on drug dependence.
- d) Write down on emergency contraceptive methods.
- e) Write down on doctor patient relationship.

**Q.5. Write short notes on:** **5 X 3 = 15**

- a) Write on autosomal recessive disorders.
- b) Write on Nikshay Poshan Yojana.
- c) Draw a network analysis schematic diagram illustrating starting of MRI and CT scan services in a multispecialty hospital.
- d) Write on health problems of the aged person.
- e) Write on "End game strategy" for poliomyelitis.