

**Date: 09-01-2023**

**RUHS**

**Third Year MBBS Examination**

**III MBBS Community Medicine Paper II**

**Time: 3 hours**

**Max Marks: 100**

Instructions: INSTRUCTIONS: Attempt all questions in both sections: (Use separate answer book for each section)

**Section 1**

**1. Fill in the blanks: (6)**

a) \_\_\_\_\_ is a bridge between generations and a transfer point of civilization.

b) Cigar shaped eggs are seen in \_\_\_\_\_ mosquito.

c) One chlorine tablet is efficient to chlorinate \_\_\_\_\_

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liters of water.

d) Soyabean contains

\_\_\_\_\_ %

proteins.

e) One Urban -PHC is for

\_\_\_\_\_ population.

f) Sustainable development goals (SDGs)  
to be achieved by year,

\_\_\_\_\_

**2. Answer the following: (4)**

a) Following are larval control measures  
except? a) DDT b) Paris green c)  
Gambusia fish d) Intermittent irrigation

b) All are true for a group discussion  
except? a) Not a very effective method of  
health communication b) Ideally a group  
should comprise of 6-12 members c) Can  
lead to change in health attitudes and  
behavior d) Allows free exchange of  
\_\_\_\_\_ ideas and options

c) All are true about Net protein utilization (NPU) except: a) Good for estimating protein quality b) Egg has highest NPU value c) Defined as nitrogen retained by nitrogen consumed x 100 d) 1 gram protein is equivalent to 1 gram nitrogen

d) A 40 years old man working in a coal mine in the past 15 years developed cough, dyspnoea on exertion and chest pain. His X-ray showed "Snow storm" appearance in lung fields. The most likely diagnosis is: a) Anthracosis b) Asbestosis c) Siderosis d) Sili

e) Number of eligible couples per 1000 population in India a) 150-180 b) 110-140 c) 90-110 d) 200-230

**3. Maternal mortality ratio in a block is found to be persistently high. As a block medical officer (BCMO) outline the: (15)**

a) Investigation procedure to find out the causes of maternal mortality.

b) What are the social factors responsible for MMR.

c) Interventi

**4. Write briefly on (Any Five), 5 x 2 = 10 (10)**

a) Social security.

b) First referral unit (FRU).

c) Job responsibility of ASHA.

d) Control of IDD.

e) Principles of primary health care (A. 928)

f) Sanitation barrier. (A.793)

**5. Explain Why? (Any Three). (15)**

a) Triage approach can provide maximum benefits in disaster situation.

b) Interpersonal communication is better than mass media for advocacy purpose.

c) ORS is an example of appropriate technology.

d) Drug dependence and drug addiction are not synonymous.

## Section 2

- 6. Explain how protein energy malnutrition can be detected at an early stage? Discuss the measures for prevention of protein energy malnutrition in the community. (20)**
- 7. Write in briefly on (Any Five). 5 x 2 = 10**
- a) Overcrowding and its effect on health. (A.789) (10)
  - b) Reference Indian woman.
  - c) Water harvesting.
  - d) Health hazards of Bio-medical waste.
  - e) Global warming (A. 785)
  - f) Functions of UNICEF.
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8. **Write shorts notes on (Any Four). 4 x 5 =**

**20**

**(20)**

- a) Disaster cycle.
- b) Pre-placement examination (A. 849)
- c) Genetic counseling (A.865)
- d) Behavior change communication (BCC)

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