

**RUHS**  
**Third Year MBBS**  
**Examination**  
**III MBBS Community**  
**Medicine Paper I**  
**Time: 3 hours**

**Max Marks: 60**

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

**Section 1**

- 1. What is the concept of screening? Write briefly the types of screening. Discuss the measures to evaluate a screening test. (A.146) (10)**
  - 2. Write Short notes on the following: (2 x5 = 10) (10)**
    - a) Social Dimension of health (A.15)**
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- b) Human Poverty index
- c) Latent period (A.104)
- d) Cost Benefit Analysis (A.908)

**3. Write short notes on: (10)**

- a) Body Mass Index (A.417)
- b) Uses of epidemiology (A.96)
- c) Measures of Dispersion
- d) Polio Vaccine (A.221)

**4. Write in 20-25 words (10)**

- a) Eradication (A.217,219,223)
- b) Odd's Ratio (A.78)
- c) UNICEF (A.962)
- d) Quarantine (A.129)
- e) Disease Frequency
- f) Specific Death Rates
- g) Blinding (A. 88)
- h) Herd Immunity (A.107)
- i) Cold Chain (A.114)
- j) Chemoprophylaxis (A.134)

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## Section 2

**5. Enumerate any six Arthropods of Medical importance and the disease transmitted by them. Discuss the transmission of arthropod borne disease with suitable examples. Write briefly about national vector borne control programme. (10)**

**6. Write Short notes on the following: (2 x5 = 10) (10)**

- a) Characteristics of an Ideal Indicator
- b) Health related millennium development goals (A. 505)
- c) Community Diagnosis (A.53,96)
- d) Standard Normal Distribution Curve (A.886)

**7. Write short notes on (10)**

- a) Cohort Study (A.80)
- b) Levels of Prevention (A.45)
- c) Ergonomics (A.840)
- d) IMNCI (A.481,612)

**8. Write in 20-25 words: (10)**

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- a) Attributable Risk (A.83)

- b) Iceberg Phenomenon of disease (A.44,145)
- c) Simple Random Sampling (A.86)
- d) Serial Interval (A.105)
- e) Third Part lary Attack Rate (A.105)
- f) Composting
- g) Over Crowding (A.789)
- h) Indicators for monitoring of Air Pollution (A.775)
- i) Farmer's lung (A.844)
- j) Hardness of water

Date: 04-01-2011