

Date: 30-03-2021

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. Describe in detail about "Modes of Interventions" of disease. (10)

2. Write short notes on: $4 \times 2 \frac{1}{2} = 10$ (10)

a) Removal of hardness of water.

b) Normal distribution curve. (A.886)

c) Chemical control measures of mosquito.

d) Secondary attack rate. (A.105)

3. Write briefly about: $4 \times 2\frac{1}{2} = 10$ (10)

a) Sampling(A.86)

b) Risk factors(A.380)

c) Effect of noise exposure (A.779)

d) Crude death rate

4. Attempts with 20-25 words: $10 \times 1 = 10$ (10)

a) Define screening(A.146)

b) Latent period (A.104)

c) Serial interval(A.105)

d) Droplet nuclei

e) Vaccine carries

f) Concurrent disinfection (A.136)

g) Concurrent disinfection (A.136)

h) PQLI (A.17)

i) Incubation Period (A.104)

j) Transovarial Transmission

Section 2

5. Enumerate respiratory infectious disease. Discuss epidemiology, prevention and control of measles. (A.101) 10 (10)

6. Write short notes on: $4 \times 2 \frac{1}{2} = 10$ (10)

a) Morbidity indicator(A.25,65)

b) Subunit Vaccines

c) Sanitation barrier(A.793)

d) Over Crowding (A.789)

7. Write briefly about: $4 \times 2 \frac{1}{2} = 10$ (10)

a) Controlled tipping

b) Standard deviation (A.885)

c) Carriers in disease(A.100)

d) Spectrum of health(A.18)

**8. Attempts within 20-25 words: $4 \times 2\frac{1}{2} =$
10 (10)**

a) Spiritual dimension(A.15)

b) Generation time(A.105)

c) Define epidemiology (A.261,266)

d) Live vaccines

e) Nosocomial infection(A.377)

f) VVM

g) Yield in screening

h) Ty21a vaccine

i) API in malaria

j) Epidemiological triad (A.37)

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