

POST GRADUATE EXAMINATION, APRIL - 2019

MD COMMUNITY MEDICINE

(PAPER ONE)

BASIC SCIENCES

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. Elaborate the health consequences in urban slums. Discuss the measures that can be taken to improve urban health with existing facilities and infrastructure. **(20)**

Q. 2. What is epidemiological triad? Describe in detail the natural history of disease. **(20)**

Q. 3. Describe briefly: **(3 x 10 = 30)**

- a. Discuss about the public health challenges for Universal health coverage in India
- b. Facility based management of Severe Acute Malnutrition (SAM)
- c. Community nutrition programmes in India

Q. 4. Write short notes on: **(5 x 6 = 30)**

- a. Indicators of Health
- b. Role of vitamin D in health and diseases
- c. Basic reproduction number (R0)
- d. National Iron plus initiative
- e. Genetic counselling

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MD COMMUNITY MEDICINE

(PAPER TWO)

GENERAL EPIDEMIOLOGY

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. How does epidemiology guide in clinical decision - making? Discuss epidemiological approach in planning and evaluation of health care. **(20)**

Q. 2. Discuss strengths & weaknesses of National Health Mission & what opportunities were provided through this programme. **(20)**

Q. 3. Describe briefly: **(3 x 10 = 30)**

- a. Plan a step-wise approach for "Social marketing of emergency contraceptive pill" in a particular village.
- b. Health promotive measures for hereditary disorders
- c. Organizational set up of DDRC (district disability rehabilitation center)

Q. 4. Write short notes on: **(5 x 6 = 30)**

- a. Break even analysis
- b. External validity
- c. Social assistance
- d. Facility based new born care
- e. Attributes of primary health care

X

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**MD COMMUNITY MEDICINE
(PAPER THREE)
SPECIFIC DISEASES EPIDEMIOLOGY**

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. Define surveillance. Describe various disease surveillance measures both for communicable and non-communicable diseases in India. (20)

Q. 2. Discuss the risk factors of road traffic accidents and its control measures with special focus in India. (20)

Q. 3. Describe briefly: (3 x 10 = 30)
a. XDR tuberculosis
b. Emerging infectious diseases
c. Newer vaccines

Q. 4. Write short notes on: (5 x 6 = 30)
a. Epidemiology of type II diabetes in India
b. Measles eradication
c. Control of soil transmitted helminthes
d. Screening of cancer in Indian context
e. Control measures of Japanese encephalitis in India

X

POST GRADUATE EXAMINATION, APRIL - 2019

**MD COMMUNITY MEDICINE
(PAPER FOUR)**

RECENT ADVANCES

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

- Q. 1.** Describe the salient features of National health policy 2017. Discuss its strengths and weakness. (20)
- Q. 2.** Discuss the plan of action to achieve the Sustainable Development Goals effectively. (20)
- Q. 3. Describe briefly:** (3 x 10 = 30)
- a. Critically review the national health protection scheme
 - b. Quality Indicators and their application in Primary Health care
 - c. Salient features of National Nutrition Mission
- Q. 4. Write short notes on:** (5 x 6 = 30)
- a. Leprosy case detection campaign
 - b. Health and wellness centre
 - c. NITI Aayog
 - d. Concept of “One Health” approach in control of disease
 - e. Use of IT in health care

X