POST GRADUATE EXAMINATION, MAY - 2018
MD COMMUNITY MEDICINE
(PAPER ONE)
BASIC SCIENCES

[Time allotted: Three hours]   [Max Marks: 100]

Note: Attempt all questions
       Illustrate with suitable diagrams.

Q. 1. Write down the indices of thermal comfort briefly describing comfort zones. What are the effects of
       air pollution on human health? How is air pollution monitored in India?   (20)

Q. 2. What are the concepts of disease prevention? Write in brief about health promotion and mention the
       key action areas described under Ottawa charter.   (20)

Q. 3. Describe briefly: (3 x 10 = 30)
       a. Meta analysis
       b. Models of health education
       c. Food standards and prevention of Food Adulteration Act.

Q. 4. Write short notes on: (5 x 6 = 30)
       a. Social security
       b. Pneumoconiosis
       c. Bacteriological surveillance of drinking water quality
       d. Secondary treatment of sewage
       e. Supplementary nutrition

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POST GRADUATE EXAMINATION, MAY - 2018
MD COMMUNITY MEDICINE
(PAPER TWO)
GENERAL EPIDEMIOLOGY

[Time allotted: Three hours]   [Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. Critically review the functioning of National Health Mission in India. Briefly describe recent initiatives taken under National Health Mission.   **(20)**

Q. 2. Discuss with suitable examples the design, analysis, uses and biases in ecological studies.   **(20)**

Q. 3. **Describe briefly:**   **(3 x 10 = 30)**
   a. Organizing geriatric outreach session in community
   b. Community based rehabilitation
   c. Rural poverty alleviation programmes

Q. 4. **Write short notes on:**   **(5 x 6 = 30)**
   a. Health insurance
   b. Operations research in health services
   c. Bilateral international health agencies
   d. Health aspects covered in XII five year plan
   e. Growth chart

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POST GRADUATE EXAMINATION, MAY - 2018
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. Describe the epidemiology and prevention of dengue syndromes.   **(20)**

Q. 2. What is preventable blindness? Discuss the preventive measures undertaken to tackle this problem in India.   **(20)**

Q. 3. **Describe briefly:**   **(3 x 10 = 30)**
   a. HIV sentinel surveillance
   b. Prevention & treatment of scabies
   c. IDSP

Q. 4. **Write short notes on:**   **(5 x 6 = 30)**
   a. WHO step-wise approach for NCDs
   b. Cancer registry system
   c. End game strategy in poliomyelitis
   d. Health problems of under five children
   e. Epidemiological triad of kala-azar

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POST GRADUATE EXAMINATION, MAY - 2018
MD COMMUNITY MEDICINE
(PAPER FOUR)
RECENT ADVANCES

[Time allotted: Three hours]   [Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. Enumerate the aims of prospective health impact assessment. What are the four values on which HIA is based? Discuss possible methods of assessing health impacts.   **(20)**

Q. 2. Discuss situation analysis of RMNCH+ A programme in Uttarakhand.   **(20)**

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

    a. Injectable contraceptives

    b. Health Ministry guidelines on Zika virus disease

    c. Role of pentavalent vaccine in primary immunization

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

    a. Theme of World Health Day-2018

    b. Sources of bias in a questionnaire

    c. Mission – Indradhanush

    d. Notifiable diseases

    e. Aspects of school health services

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