

POST GRADUATE EXAMINATION, APRIL/MAY-2022
MD COMMUNITY MEDICINE
(PAPER ONE)
BASIC SCIENCES

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. Discuss epidemiology of micronutrient deficiency disease and prepare district action plan for addressing these health problems. **(20)**

Q. 2. Discuss the role of Medical Social Worker in health care delivery system in India. How MSW can bring about improvements in existing health care delivery in rural areas. **(20)**

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

- a. The rationale and significance of “P” value in statistics
- b. Social Determinants of Health
- c. Causes and prevention of missing Girl Child

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

- a. Gender mainstreaming in Medical education
- b. Indicators of mental health in a community
- c. Assumptions in ANOVA
- d. Implication of ‘COP26’ in India
- e. Delphi method of group discussion

X

POST GRADUATE EXAMINATION, APRIL/MAY-2022

**MD COMMUNITY MEDICINE
(PAPER TWO)**

GENERAL EPIDEMIOLOGY

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. Classify Epidemiological studies. Plan a randomized controlled trial for testing of a new antihypertensive drug in your hospital and describe the basic steps in detail. **(20)**

Q. 2. List the health problems of the elderly in India. Write briefly on the prevention and control of these problems. Describe various schemes implemented by GOI for this special group? **(20)**

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

- a. Disease surveillance through IDSP
- b. Sustainable Development Goal 3
- c. RMNCH+A

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

- a. Health problems of adolescents in India
- b. Zero based budgeting
- c. Content of services of UNICEF
- d. Benefits under ESI
- e. Determinants of maternal mortality in India

X

POST GRADUATE EXAMINATION, APRIL/MAY-2022**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.** Briefly discuss the challenges of National programs for prevention and control of cancer, diabetes, CVD and stroke (NPCDCS). **(20)**
- Q. 2.** What is the current status of malaria in India? Describe the strategies included under roll back malaria campaign. What are key challenges in its implementation in India? **(20)**
- Q. 3. Describe briefly:** **(3 x 10 = 30)**
- Newer initiatives under NTEP in India.
 - National AIDS control programme- IV.
 - Discuss the epidemiology of road traffic accidents in India.
- Q. 4. Write short notes on:** **(5 x 6 = 30)**
- Dietary approaches to stop hypertension.
 - Antimicrobial resistance surveillance
 - End game in polio eradication
 - Newer vaccines
 - Cancer registry

X

POST GRADUATE EXAMINATION, APRIL/MAY-2022

**MD COMMUNITY MEDICINE
(PAPER FOUR)**

RECENT ADVANCES

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

- Q. 1.** Discuss the challenges and measures taken by India in ensuring SDG goal 6 [ensuring availability and sustainable management of water and sanitation for all]. **(20)**
- Q. 2.** Describe the epidemiology of tobacco use in India. Discuss the importance of TB – Tobacco integration towards elimination of TB in India along with progress made by GOI towards strengthening tobacco cessation services in the country. **(20)**
- Q. 3. Describe briefly:** **(3 x 10 = 30)**
- a. WASH
 - b. National Health Policy – 2017.
 - c. Role of Pentavalent vaccine in primary Immunization.
- Q. 4. Write short notes on:** **(5 x 6 = 30)**
- a. Newer vaccines
 - b. Zika virus
 - c. Lessons from Ebola epidemic
 - d. National Nutrition Mission
 - e. NFHS – V: Key findings of nutrition status of under five children.