

**Madhya Pradesh Medical Science University, Jabalpur**  
**Post Graduate Degree Examination (Medical Faculty) July-2020**

**Paper Code-20AM0116100541**

**Subject- COMMUNITY MEDICINE**

**Paper-I**

*Time : 3 Hours*

*Maximum Marks : 100*

**Instructions:**

- 1) Draw diagrams wherever necessary.
- 2) Answers of Questions and Sub questions must be written strictly according to the serial order of question paper, otherwise the question shall not be valued
- 3) Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.

**1. Long Answer Question (Any Two)**

**2 X 20 = 40**

- a. Describe the steps for conducting Randomised Controlled Trials. Enumerate different types of RCT and describe any one of them.
- b. Define 'Communication' and describe the communication process. Enumerate different types of communication and its barriers.
- c. Describe the 'Concept of well being' with suitable examples.

**2. Write in Brief (Any Six)**

**6X 10 = 60**

- a. R naught and its importance.
- b. Crohnbach Alfa
- c. Define Indicator and characteristics of an ideal indicator. Describe 'Service coverage indicators'.
- d. Describe Chlorination and methods of chlorination.
- e. Describe hardness of water and methods for its removal.
- f. Micro counselling skills
- g. Classification of Insecticides.
- h. Enumerate Zoonotic diseases

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**Madhya Pradesh Medical Science University, Jabalpur**  
**Post Graduate Degree Examination (Medical Faculty) July-2020**

**Paper Code-20AM0116100542**

**Subject- COMMUNITY MEDICINE**

**Paper-II**

**Time : 3 Hours**

**Maximum Marks : 100**

**Instructions:**

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**2 X 20 = 40**

**1. Long Answer Question (Any Two)**

- a. Describe the beneficiaries, objectives and benefits provided under ESIS Act.
- b. Discuss role of surveillance in non communicable disease control.
- c. Describe heat disorder and health effects. Their prevention and management.

**6X 10 = 60**

**2. Write in Brief (Any Six)**

- a. Factors in the emergence of food borne diseases.
- b. Environmental and food investigation.
- c. Epidemiology of mumps and its prevention and control.
- d. Germ theory.
- e. Genotypic methods for diagnosis of tuberculosis.
- f. Occupational dermatitis its types and managements.
- g. WHO-SEAR.
- h. Strategies to prevent airborne diseases, transmission it health care setting.

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**Madhya Pradesh Medical Science University, Jabalpur**  
**Post Graduate Degree Examination (Medical Faculty) July-2020**

**Paper Code-20AM0116100543**

**Subject- COMMUNITY MEDICINE**

**Paper-III**

**Time : 3 Hours**

**Maximum Marks : 100**

**Instructions:**

- 1) Draw diagrams wherever necessary.
- 2) Answers of Questions and Sub questions must be written strictly according to the serial order of question paper, otherwise the question shall not be valued
- 3) Do not write anything on the blank portion of the question paper-such type of act will be considered as an attempt to resort to unfair means.

**1. Long Answer Question (Any Two)**

**2 X 20 = 40**

- a. Discuss in detail about social and health system factors contributing to Maternal Mortality.
- b. What are health issues of Adolescence in India?
- c. What approaches are used in Geriatric Health Care Services at global and national level

**2. Write in Brief (Any Six)**

**6X 10 = 60**

- a. Discuss various schemes / programs run by government of India for Urban Health
- b. Define Low Birth Weight it's magnitude, causes and prevention in India
- c. Discuss social welfare measures and initiatives taken by GOI to control population
- d. How will you address issue of Health Care Delivery in Tribal Population?
- e. Write about various components of School Health Program.
- f. Explain role of Social Marketing in Family Welfare.
- g. Discuss national action plan on Climate Change.
- h. Describe briefly Disaster Management Cycle.

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**Madhya Pradesh Medical Science University, Jabalpur**  
**Post Graduate Degree Examination (Medical Faculty) July-2020**

**Paper Code-20AM0116100544**

**Subject- COMMUNITY MEDICINE**

**Paper-IV**

**Time : 3 Hours**

**Maximum Marks : 100**

**Instructions:**

- 1) Draw diagrams wherever necessary.
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- 3) Do not write anything on the blank portion of the question paper-such type of act will be considered as an attempt to resort to unfair means.

**1. Long Answer Question (Any Two)**

**2 X 20 = 40**

- a. Describe National Health Goals for Communicable diseases. What is NITI –AAYOG ?
- b. Describe National Program for Prevention and Management of Burn Injuries.
- c. Describe Health Care Financing and Purchasing Power Parity. Types of Health Economics.

**2. Write in Brief (Any Six)**

**6X 10 = 60**

- a. Steps in Design and conduct of Monitoring and Evaluation.
- b. Logistics Management.
- c. Non-Government Organizations and Donor Agencies.
- d. Domains of Health System Research
- e. Risk factors of Mental Illness.
- f. National Program for Prevention and control of Japanese Encephalitis.(AES)
- g. Tele Medicine and Community Health.
- h. International Statistical Classification of Diseases and Related Health problem.

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