Rajiv Gandhi University of Health Sciences, Karnataka

M.D. DEGREE EXAMINATION - 02-Jan-2025

Time: 3 Hours **Max. Marks: 100**

COMMUNITY MEDICINE
PAPER – I (RS-2/RS-3)
Q.P. CODE: 7425

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

Answer All The Questions **10 X 10 = 100 Marks**

1. Discuss in detail about challenges in the control of arthropod borne diseases with suitable examples
2. Describe Bias in epidemiological study and add a note on preventing bias
3. Describe the steps involved in the conduct of randomized control trial with an example
4. Discuss the various sampling methods used in biomedical research
5. Describe focus group discussion. Add a note on its merits and demerits
6. Explain principles of health education with suitable example
7. Justify the relevance of microbiology lab in infectious disease surveillance
8. Discuss the five R's of waste management with suitable examples
9. Discuss the causes of water pollution and its effects. Add a note on prevention of water pollution
10. Discuss public health lessons learned from cholera in Broad Street, London

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 04-Jan-2025

Time: Three Hours **Max. Marks: 100 Marks**

COMMUNITY MEDICINE - PAPER – II
(RS-2/RS-3)
Q.P. CODE: 7426

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

Answer All The Questions **10 X 10 = 100 Marks**

1. Importance of dietary fibre in human diets.
2. Describe the components of Goitre control.
3. Describe the risk factors for Coronary Heart Disease.
4. What are the approaches for prevention and control of Diabetes Mellitus?
5. Discuss present strategies to control tuberculosis in India.
6. Write briefly on management of health problems in refuge camps.
7. Discuss about the post exposure prophylaxis for bites by mammals.
8. Vision 2020.
9. Enumerate the common natural disasters in India. Discuss the health problems likely to arise in a town during and after earthquakes. Add a note on disaster preparedness for earthquakes.
10. Occupational hazards of Agricultural Workers.

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 06-Jan-2025

[Time: 3 Hours] **[Max. Marks: 100]**

COMMUNITY MEDICINE - PAPER – III
(RS-2/RS-3)
Q.P. CODE: 7427

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

Answer All The Question **10 X 10 = 100 Marks**

1. Gender issues and women's health.
2. Barker's hypothesis.
3. Maternal anaemia and its prevention.
4. Disaster management system of India.
5. Social welfare measures for population stabilization.
6. Post natal complications and its prevention.
7. Hazards of population explosion.
8. IFA across the life cycle.
9. Microbirth planning.
10. National policy for elderly.

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination - 24/Sep/2025

[Time: 3 Hours] **[Max. Marks: 100]**

COMMUNITY MEDICINE
PAPER – I (RS-2/RS-3)
Q.P. CODE: 7425

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

Answer All The Questions **10 X 10 = 100 Marks**

1. Explain the Randomization procedures in research with suitable examples
2. Discuss in detail about the surveillance of drinking water quality.
3. Discuss the role of health education in prevention and control of non-communicable diseases.
4. What is community diagnosis? How does it help in improving health care of the community?
5. What is regression analysis? Add a note on its application
6. Discuss in detail about group discussion and group dynamics and its application in health education
7. Describe Mixed study designs with suitable examples
8. What is vectorial capacity? Add a note on its implications.
9. Define de-professionalization of medicine. Add a note on its strategies with suitable example
10. Discuss about carbon foot print and carbon credit.

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. DEGREE EXAMINATION – 26/Sep/2025

Time: 3 Hours **Max. Marks: 100**

COMMUNITY MEDICINE - PAPER – II
(RS-2/RS-3)
Q.P. CODE: 7426

Your answers should be specific to the questions asked
Draw neat, labeled diagrams wherever necessary

Answer All The Questions **10 X 10 = 100 Marks**

1. Measles and rubella elimination – a myth or reality. Comment
2. Describe in detail one health approach
3. Latent TB infection
4. Briefly discuss the resistance to antimalarial drugs
5. Comment on the impact of non-communicable diseases burden in India
6. Hidden hunger
7. Ergonomics
8. Brief note on cancer screening
9. Malnutrition is a double-edged sword. Critically comment
10. Prevention of parent to child transmission of HIV

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 29/Sep/2025

Time: Three Hours **Max. Marks: 100**

COMMUNITY MEDICINE - PAPER – III
Q.P. CODE: 7427

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

Answer All The Questions **10 X 10 = 100 Marks**

1. What is social marketing? Discuss the role of social marketing in MCH.
2. What is safe abortion? Describe the importance of safe abortion and steps taken by government of India to address the issue.
3. Enumerate the salient features of National Policy on Older persons. What are the constitutional and legislative provisions for elderly in India?
4. Enumerate the health problems in adolescents. Discuss in brief about adolescent reproductive and sexual health.
5. What is IMNCI? Enumerate the principles of integrated care under IMNCI. Describe the steps in case management process.
6. Define infant mortality rate. Discuss various maternal causes and preventive measures to reduce IMR.
7. Discuss growth monitoring with special reference to organizing, conducting and evaluating growth monitoring programme in a rural community.
8. How will you plan a Pulse Polio immunization session in tribal area?
9. Give a plan to promote family life education in your district.
10. Describe the epidemiology and management of COVID–19 pandemic outbreak in Karnataka.

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. DEGREE EXAMINATION - 26-May-2025

Time: 3 Hours **Max. Marks: 100**

COMMUNITY MEDICINE
PAPER – I (RS-2/RS-3)
Q.P. CODE: 7425

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

Answer All The Questions **10 X 10 = 100 Marks**

1. Discuss Louis Pasteur's contribution in public health
2. What is Likelihood ratio? Add a note on its application
3. Discuss in detail about the challenges in biomedical waste management
4. Discuss the uses of epidemiology with suitable examples
5. Illustrate the role of vector bionomics in vector control with suitable examples
6. Explain the scope of behavior change communication in disease control with suitable examples
7. Discuss women empowerment measure in India
8. Discuss the causes of global warming and its effects on health
9. What is Life table? Explain its uses with suitable example
10. Describe the adverse events following immunization surveillance

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – MAY 2017

[Time: 3 Hours] **[Max. Marks: 100]**

COMMUNITY MEDICINE
PAPER – I (Revised Scheme)
Q.P. CODE: 7425

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Explain how the layer of atmosphere acts as a green house. What are the factors responsible for global warming? Describe the health effects of global warming and measures to prevent it.
2. Enumerate the different types of observational studies. Describe how you will prove that alcoholism is associated with cirrhosis of liver by adopting any one of the observational study designs enumerated. Mention the advantages and disadvantages of the selected study design.

SHORT ESSAY **6 X 10 = 60 Marks**

3. Explain the terms "Social assistance" and "social insurance".
4. List and briefly describe the reasons for selecting diabetes mellitus as a disease suitable for screening among persons aged 30 years and above.
5. Integrated vector control with specific reference to mosquito control.
6. Explain the terms "Sampling error" and "standard error".
7. List and briefly describe the principles of health education.
8. Briefly explain the term "Sero-epidemiology".

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 28-May-2025

[Time: 3 Hours] **[Max. Marks: 100]**

COMMUNITY MEDICINE - PAPER – II
(RS-2/RS-3)
Q.P. CODE: 7426

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

Answer All The Questions **10 X 10 = 100 Marks**

1. Mathematical models of applied to infectious diseases.
2. Elimination of asbestos-related diseases.
3. Administration steps taken to eradicate polio.
4. Occupational cancers.
5. Epidemiology of road traffic accidents in India.
6. Merits and demerits of anthropometric measurements.
7. Shake technical package.
8. Investigation of a waterborne outbreak.
9. Public health nutrition.
10. Mutations of influenza virus and its public health impact.

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 30-May-2025

[Time: 3 Hours] **[Max. Marks: 100]**

COMMUNITY MEDICINE - PAPER – III
(RS-2/RS-3)
Q.P. CODE: 7427

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

Answer All The Questions **10 X 10 = 100 Marks**

1. "At Risk" approach in Maternal and Child Health. Write in detail.
2. Write about the Demographic Cycle. Discuss the present scenario in India.
3. Women Abuse – A Medico-social problem. Discuss.
4. Street children.
5. Psychological problems among the Elderly.
6. Warning signals during Pregnancy.
7. Guidance Cell for School age group.
8. Male participation in Reproductive and Child Health.
9. Drug dependence and its prevention.
10. Immunization stratergy for migrant population.

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