

**Rajiv Gandhi University of Health Sciences**  
**M.B.B.S. (PART – I), III Professional Examination - June/July – 2010**

Time: 3 Hrs.

[Max. Marks: 100]

**COMMUNITY MEDICINE - PAPER I (Revised Scheme II)**

**QP Code: 1088**

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

**LONG ESSAY****2 X 10 = 20 Marks**

1. Write in detail about " Natural history of disease"
2. Describe various methods of Nutritional Assessment of a community with their merits and demerits

**SHORT ESSAY****10 X 5 = 50 Marks**

3. Ice berg phenomenon of diseases meaning and application, with suitable examples
4. Classify Occupational diseases with examples
5. Barriers of communication in Health education
6. Prevention and control of air pollution
7. Compare growth monitoring and nutritional surveillance
8. What are the health problems due to industrialization
9. Differentiate between case control study and cohort study
10. Epidemic curve
11. Integrated vector control measures
12. Describe briefly the methods of purification of water at household level

**SHORT ANSWERS****10 X 3 = 30 Marks**

13. What is human development Index
14. Panel discussion
15. Horrock's test
16. What are the causes for Occupational cancers
17. Describe the reasons for the Broken family
18. Census
19. Bar chart
20. Attributable risk
21. Food adulterants
22. Migration studies

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**Rajiv Gandhi University of Health Sciences**  
**M.B.B.S. (PART – I), III Professional Examination - December 2010**

Time: 3 Hrs.

[Max. Marks: 100]

**COMMUNITY MEDICINE - PAPER I (Revised Scheme II)**

**QP Code: 1088**

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

**LONG ESSAY****2 X 10 = 20 Marks**

1. Define "screening" list and briefly describe the criteria for a good screening test. List and briefly describe the features of a disease which make it suitable for screening.
2. Discuss in detail about the various agents used for disinfection

**SHORT ESSAY****10 X 5 = 50 Marks**

3. Measures of central tendency
4. Pneumoconiosis
5. Pasteurization of milk
6. Explain the various methods of Mosquito control
7. Describe the various Occupational cancers
8. Radiation hazards
9. Nutritional surveillance
10. What are the medical benefits under ESI Act?
11. Differentiate between health education and health propaganda
12. Role of culture in health with suitable examples.

**SHORT ANSWERS****10 X 3 = 30 Marks**

13. What is sentinel surveillance
14. What are the indices of air pollution
15. Differentiate between the term endemic and epidemic
16. Write short notes on aflatoxins
17. What are the methods of sewage disposal
18. List the warning sign of poor mental health
19. Write briefly on case fatality rate
20. Enumerate the various community Nutrition programmes
21. What is the contribution to medical sciences by  
 a) Robert Koch b) John Snow c) James Lind
22. Write briefly on Epidemiological Triad

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**Rajiv Gandhi University of Health Sciences**  
**M.B.B.S. (PART – I), III Professional Examination - June / July 2011**

Time: 3 Hrs.

[Max. Marks: 100]

**COMMUNITY MEDICINE - PAPER I (Revised Scheme II)**

**QP Code: 1088**

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

**LONG ESSAY****2 X 10 = 20 Marks**

1. What are the Modes of Intervention? Discuss briefly about them by giving suitable examples.
2. What are the Host Defence mechanisms? Describe briefly about the various components of the host defence mechanisms

**SHORT ESSAY****10 X 5 = 50 Marks**

3. What is the difference between Generation time and Incubation period
4. What are the benefits to the employees under the ESI Scheme
5. What is Residual Chlorine? Is it necessary to have residual chlorine
6. What should be the thickness of plastic bags should they be permitted? Why?
7. What is Spurious Association? How do you prevent it during research studies?
8. What are Secular Trends? How are they useful to the doctors?
9. What are Illusions Delusions and Hallucinations
10. What are Alcoholic Beverages? Can they give 'empty calories'? why?
11. What are the different sources of health information? What are the disadvantages of hospital records
12. Why human faecal matter needs to be treated before disposal

**SHORT ANSWERS****10 X 3 = 30 Marks**

13. Sporadic diseases
14. Attrition
15. Methylene blue test
16. Institute
17. Cancer in Dye industries
18. Mention Tick – borne diseases
19. Diference between and Epidemic and Out – break
20. Mode of action of Hand – wash gels
21. Write the formula for the calculation of Relative Risk
22. Physical quality of lifeindex (PQLI)

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# Rajiv Gandhi University of Health Sciences

M.B.B.S. (PART – I), III Professional Examination – Dec 2011 / Jan 2012

Time: 3 Hrs.

[Max. Marks: 100]

## COMMUNITY MEDICINE - PAPER I (Revised Scheme II)

### QP Code: 1088

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

#### LONG ESSAY

**2 X 10 = 20 Marks**

1. What are the laws meant for the protection of industrial workers? Write in detail about Factories act 1948
2. Define health education. Explain the principles of health education giving examples

#### SHORT ESSAY

**10 X 5 = 50 Marks**

3. Explain iceberg phenomenon in diseases giving example
4. Bias in case control study
5. Role of family in Health and Disease
6. Tests of significance
7. Carriers of disease
8. Write in brief about types of screening giving examples
9. Causes and prevention of lead poisoning
10. Oxidation pond
11. Thermal comfort zone
12. Methods of household disinfection of water

#### SHORT ANSWERS

**10 X 3 = 30 Marks**

13. Aims of epidemiology
14. Quarantine
15. Record linkage
16. Audio visual aids used in health education
17. Stabilized bleach
18. Relative risk
19. Occupational risk to farmers
20. Population genetics
21. Warning signals of poor mental health
22. Sullivan's index

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M.B.B.S. (PART – I), III Professional Examination – June / July 2012

Time: 3 Hrs.

[Max. Marks: 100]

**COMMUNITY MEDICINE - PAPER I (Revised Scheme II)**

**QP Code: 1088**

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

<b>LONG ESSAY</b>		<b>2 X 10 = 20 Marks</b>
1.	Define malnutrition. Describe the causes and clinical features of severe forms of malnutrition. How will you prevent malnutrition in children	
2.	What is pneumoconiosis? What are the factors that influence causation of pneumoconiosis? What measures are taken to prevent it	

  

<b>SHORT ESSAY</b>		<b>10 X 5 = 50 Marks</b>
3.	Explain briefly dimensions of health	
4.	Disability rates	
5.	Sentinel surveillance	
6.	Difference between epidemiology and clinical medicine	
7.	Uses of epidemiology	
8.	Prevention of food adulteration Act (PFA Act)	
9.	Occupational cancer	
10.	Barriers of communication and their prevention	
11.	Biological transmission of diseases	
12.	Herd immunity and its importance	

  

<b>SHORT ANSWERS</b>		<b>10 X 3 = 30 Marks</b>
13.	Modes of intervention	
14.	Germ theory of disease	
15.	Symposium	
16.	Odds ratio	
17.	Hazards of radiation	
18.	Balanced diet	
19.	Acculturation	
20.	Break point chlorination	
21.	Food fortification and food enrichment	
22.	Types of ventilation	

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M.B.B.S. PHASE –III Part I Degree Examination – Dec 2012

Time: Three Hours

Max. Marks: 100 Marks

**COMMUNITY MEDICINE – PAPER I  
(RS2 & RS3 SCHEME)**

**QP Code: 1088**

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

<b>LONG ESSAYS</b>		<b>2 x 10 = 20 Marks</b>
1.	Enumerate the nutritional problems in public health. Describe in detail Protein-energy malnutrition with respect to its symptoms and preventive measures.	
2.	Explain the levels of prevention and its mode of intervention with suitable examples..	
<b>SHORT ESSAYS</b>		<b>10 x 5 = 50 Marks</b>
3.	Epidemic curve	
4.	Employees State Insurance Act, 1948	
5.	Bias in case-control studies	
6.	How can genetic disorders be prevented in a community?	
7.	Write briefly the methods of purification of water at household level.	
8.	Describe Iceberg phenomenon of diseases with suitable examples	
9.	Write briefly about effects of urbanization on health	
10.	What is Juvenile delinquency? Add a note on its causes and preventive measures?	
11.	Explain the barriers of communication in health education	
12.	Prevention of Vitamin A deficiency disorders	
<b>SHORT ANSWERS</b>		<b>10 x 3 = 30 Marks</b>
13.	Physical Quality of Life Index (PQLI)	
14.	Explain briefly the occupational hazards of agricultural workers	
15.	Attributable risk	
16.	What are the uses of screening?	
17.	What is blinding in randomized controlled trials?	
18.	Disability limitation	
19.	Explain in brief about group discussion	
20.	Endemic ascites	
21.	Medical social worker	
22.	Registration of vital events	

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# Rajiv Gandhi University of Health Sciences, Karnataka

M.B.B.S. PHASE -III Part I Degree Examination – June 2013

**Time: Three Hours**

**Max. Marks: 100 Marks**

## **COMMUNITY MEDICINE – PAPER I (RS2 & RS3 SCHEME)**

**QP Code: 1088**

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

### **LONG ESSAYS**

**2 x 10 = 20 Marks**

1. What are the sources and functions of Iodine? Enumerate the spectrum of conditions under Iodine deficiency disorders. Discuss about the components of Iodine deficiency disorders control program.
2. What is a randomized controlled trial? Outline the steps involved in conducting a RCT.

### **SHORT ESSAYS**

**10 x 5 = 50 Marks**

3. What are the salient features of carriers? Classify the different types of carriers with examples.
4. What is balanced diet? Write briefly about the recommended dietary goals.
5. What is health information system and what are its uses?
6. Outline the steps involved in disinfection of a well.
7. What are cross-sectional studies? Mention the advantages and limitations of this type of study design.
8. Differentiate between monitoring and surveillance with examples
9. What are the principles of health education?
10. What is neuroleptism? Mention the causes, clinical features and interventions for control of the problem.
11. Write about the different methods of control of arthropods.
12. What are the functions of a family?

### **SHORT ANSWERS**

**10 x 3 = 30 Marks**

13. Human development index.
14. Asbestosis
15. Predictive value of a screening test
16. Differentiate between health education and propaganda
17. Measures for the control of noise pollution.
18. What is sanitation barrier?
19. Acculturation
20. Spot map
21. What are nosocomial infections? Give examples
22. What is pasteurization of milk? What are the tests used to check for the efficiency of pasteurization?

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# Rajiv Gandhi University of Health Sciences, Karnataka

M.B.B.S. PHASE -III Part I Degree Examination – Dec 2013

Time: Three Hours

Max. Marks: 100 Marks

## COMMUNITY MEDICINE – PAPER I (RS2 & RS3 SCHEME) QP Code: 1088

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

### LONG ESSAYS

2 x 10 = 20 Marks

1. Discuss the epidemiology of Protein Energy Malnutrition. What are the measures taken for its prevention and control?
2. Define safe water. Enumerate the sources of water. What are the various methods of purification of water on small scale?

### SHORT ESSAYS

10 x 5 = 50 Marks

3. Define Health. Enumerate the dimensions of health
4. Integrated vector control
5. Write the steps involved in a Randomized controlled trial.
6. Stratified random sampling
7. Cultural factors influencing health and disease
8. Barriers in Health communication
9. What is web of causation? Explain with a suitable example.
10. Disability indicators
11. Epidemiology of silicosis
12. Explain "Specific protection" as an intervention in preventing a disease

### SHORT ANSWERS

10 x 3 = 30 Marks

13. Physical quality of life index
14. What do you mean by "De-professionalization of medicine"
15. What is "residual chlorine"?
16. What is Euthenics?
17. Write briefly about Odd's ratio.
18. Name any 4 criteria for a disease to be chosen for screening.
19. Mention the important duties of an Anganwadi worker
20. What is food adulteration? Give examples.
21. What are the health hazards due to overcrowding in a house
22. What are the diseases transmitted by aedes mosquitoes?

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# Rajiv Gandhi University of Health Sciences, Karnataka

**MBBS Phase – III (Part – I) Degree Examination - June 2014**

**Time: Three Hours**

**Max. Marks: 100 Marks**

**Community Medicine – Paper I (RS2 & RS3 Scheme)**

**Q.P. CODE: 1088**

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

## **LONG ESSAYS**

**2 x 10 = 20 Marks**

1. Describe the basic stages in a "Case Control Study" with suitable example.
2. Enumerate the Vector Borne diseases and add a note on "Prevention and Control".

## **SHORT ESSAYS**

**10 x 5 = 50 Marks**

3. Relationship between Prevalence and Incidence
4. Disease carriers
5. Live vaccines
6. Discuss the types of Bias.
7. The Food Guide Pyramid
8. Low Birth Weight – prevention
9. Occupational Dermatitis
10. Social security
11. Types of Mental Illness
12. Record Linkage

## **SHORT ANSWERS**

**10 x 3 = 30 Marks**

13. Aims of Epidemiology
14. Odds Ratio
15. Iodized Salt
16. Test to check the Adequacy of Pasteurization of Milk
17. Bar Charts and its uses
18. Difference between Eugenics and Euthenics
19. Biologic effects of Radiation
20. Passive smoking
21. Vital events
22. Mass media for Health Education – advantages and disadvantages

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# Rajiv Gandhi University of Health Sciences, Karnataka

M.B.B.S. PHASE -III Part I Degree Examination – December 2014

Time: Three Hours

Max. Marks: 100 Marks

## COMMUNITY MEDICINE – PAPER I (RS2 & RS3 SCHEME)

QP Code: 1088

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

### LONG ESSAYS

2 x 10 = 20 Marks

1. Enumerate the different types of Randomized Controlled Trials (RCT). Explain the steps involved in conducting a RCT.
2. Discuss Natural History of Disease with an example.

### SHORT ESSAYS

10 x 5 = 50 Marks

3. Disability Indicators
4. Iodine Deficiency Disorders in India
5. What are the effects of Air Pollution on Health? How can it be prevented?
6. Explain Normal Curve
7. Discuss briefly the approaches to Health Education
8. Discuss the effects of Tobacco use. What are the Preventive measures?
9. Medical measures to prevent Occupational Diseases
10. What are the detrimental effects of Iron Deficiency Anemia? Add a note on its Preventive measures.
11. Integrated Vector Control Measures
12. Ecological studies

### SHORT ANSWERS

10 x 3 = 30 Marks

13. Epidemiological Triad
14. What are the functions of the family?
15. Sickness absenteeism
16. Enumerate the dietary goals recommended by WHO
17. Symposium
18. Pellagra
19. Food adulteration
20. What is Matching in a Case-Control study?
21. Explain Human Development Index.
22. Measures of Central Tendency

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# Rajiv Gandhi University of Health Sciences, Karnataka

M.B.B.S. PHASE -III Part I Degree Examination - JULY 2015

**Time: Three Hours**

**Max. Marks: 100 Marks**

## **COMMUNITY MEDICINE – PAPER I (RS2 & RS3 SCHEME)**

**QP Code: 1088**

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

### **LONG ESSAYS**

**2 x 10 = 20 Marks**

1. Classify Epidemiological Studies. Describe Time, Place and Person distribution with respect to Descriptive Studies.
2. What is Protein-Energy Malnutrition? Discuss the Ecology and Preventive and Social measures to address the problem.

### **SHORT ESSAYS**

**10 x 5 = 50 Marks**

3. What is Social Stratification? Discuss how Social Class affects Health & utilisation of Health Services.
4. Outline steps in Outbreak Investigation of Food Poisoning
5. Describe Barriers to Health Communication
6. Pneumoconiosis
7. What are the detrimental effects of Iron Deficiency Anaemia? Add a note on its Preventive Measures.
8. Outline Causes, Clinical Features and Management of Lead Poisoning
9. Benefits under ESI Act
10. Describe the different methods for removal of hardness of water
11. Methods of Assessment of Nutritional Status in a Community
12. Write a note on Cold Chain Equipment present in a Primary Health Centre.

### **SHORT ANSWERS**

**10 x 3 = 30 Marks**

13. Mental Health Services in India
14. Guidelines for defining "at risk" groups
15. Measures of Central Tendency
16. Differentiate between Monitoring and Surveillance with examples
17. Effects and Prevention of Noise Pollution
18. Disaster Cycle
19. Focus Group Discussion (FGD).
20. Differentiate between Isolation and Quarantine.
21. What is Secondary Attack Rate?
22. Integrated Vector Control Measures

# Rajiv Gandhi University of Health Sciences, Karnataka

**MBBS Phase – III (Part – I) Degree Examination - DECEMBER 2015**

**Time: Three Hours**

**Max. Marks: 100 Marks**

**Community Medicine – Paper I (RS2 & RS3 Scheme)**

**Q.P. CODE: 1088**

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

## **LONG ESSAYS**

**2 x 10 = 20 Marks**

1. Write in detail about Randomized Controlled Trials and add a note on "Blinding".
2. Explain the steps in "Investigation of an Epidemic" with suitable examples.

## **SHORT ESSAYS**

**10 x 5 = 50 Marks**

3. Tools of measurement in Epidemiology
4. Cold chain
5. Dietary Antioxidants
6. Egg – A Reference Protein
7. Balanced Diet
8. Iodine Deficiency Disorders and their Prevention
9. Comfort Zones
10. Effects of Noise Pollution
11. Adverse Health effects of Smoking
12. Standard Deviation

## **SHORT ANSWERS**

**10 x 3 = 30 Marks**

13. Relative risk
14. Toxoids
15. Nalgonda technique
16. Rain Water Harvesting
17. Kata Thermometer
18. Disinfection of Air
19. Anti Mosquito measures
20. Bar charts
21. Chi – Square test
22. Barriers of Communication

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# Rajiv Gandhi University of Health Sciences, Karnataka

**MBBS Phase – III (Part – I) Degree Examination - June 2016**

**Time: Three Hours**

**Max. Marks: 100 Marks**

**Community Medicine – Paper I (RS2 & RS3 Scheme)**

**Q.P. CODE: 1088**

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

## **LONG ESSAYS**

**2 x 10 = 20 Marks**

1. What is sampling? Explain different sampling techniques with suitable examples.
2. Classify the various occupational diseases. Describe the measures for prevention of occupational diseases.

## **SHORT ESSAYS**

**10 x 5 = 50 Marks**

3. Differences between a screening test and diagnostic test
4. Indicators of Human Development index.
5. Surveillance of drinking water quality
6. Prevalence vs Incidence
7. Merits of case control study
8. Natural history of disease
9. Measures of dispersion
10. Primordial prevention
11. Chlorination
12. Determinants of Health

## **SHORT ANSWERS**

**10 x 3 = 30 Marks**

13. Define epidemic.
14. National Immunization schedule for Under-5
15. Odds ratio
16. Prevention of drug dependence
17. Characteristics of Reference Adult Indian woman
18. Types of communication
19. Record linkage
20. Employees State Insurance Act
21. Warning signals of poor mental health
22. Panel discussion

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# Rajiv Gandhi University of Health Sciences, Karnataka

**MBBS Phase – III (Part – I) Degree Examination - DEC 2016**

**Time: Three Hours**

**Max. Marks: 100 Marks**

**Community Medicine – Paper I (RS2 & RS3 Scheme)**

**Q.P. CODE: 1088**

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

## **LONG ESSAYS**

**2 x 10 = 20 Marks**

1. Describe a Cohort study with a suitable example.
2. Write in detail about "Adverse Events Following Immunization – AEFI" and the Precautions to be taken.

## **SHORT ESSAYS**

**10 x 5 = 50 Marks**

3. Survival rate
4. Types of Epidemics and Epidemic Curve
5. Quarantine
6. Pentavalent Vaccine
7. Iron Deficiency Anaemia and its prevention
8. Dietary goals
9. Break Point Chlorination
10. Lighting standards
11. Mental Health services in India
12. Notification of Diseases

## **SHORT ANSWERS**

**10 x 3 = 30 Marks**

13. Anthroozoonoses – give an example.
14. Killed Vaccines
15. Xerophthalmia
16. Epidemic Dropsy
17. Balwadi Nutrition Programme
18. Back washing
19. Control of Ebola Virus Disease (EVD)
20. Birth and Death Registration
21. Focus Group Discussion (FGD)
22. Sampling Methods

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# Rajiv Gandhi University of Health Sciences, Karnataka

M.B.B.S. PHASE -III Part I Degree Examination – JUNE 2017

**Time: Three Hours**

**Max. Marks: 100 Marks**

**COMMUNITY MEDICINE – PAPER I  
(RS2 & RS3 SCHEME)  
QP Code: 1088**

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

**LONG ESSAYS**

**2 x 10 = 20 Marks**

1. Define Health Education. Enumerate the Principles of Health Education. Write briefly about the Communication Process.
2. Define Epidemiology. Classify Epidemiological Study Designs. Write about the Advantages and Disadvantages of Cohort study.

**SHORT ESSAYS**

**10 x 5 = 50 Marks**

3. Child Guidance Clinic
4. Sampling methods
5. Sickness Absenteeism
6. Disability Indicators
7. Uses of Screening
8. Bar Charts
9. Simple Random Sampling
10. Define Family. What are the functions of the Family?
11. What is Lathyrism? What are the steps taken for its Prevention?
12. Prevention of Iodine Deficiency Disorders

**SHORT ANSWERS**

**10 x 3 = 30 Marks**

13. Human Development Index
14. Criteria for selection of Anganwadi worker
15. Enumerate job responsibilities of 'ASHA'.
16. Properties of 'Normal curve'.
17. Discuss the effects of Tobacco use. What are the Preventive measures?
18. What is 'Triage'
19. Write briefly about Beri-beri
20. List out 6 Contraindications for Oral Contraceptive Pills
21. Measles vaccine
22. Chi-Square Test

# Rajiv Gandhi University of Health Sciences, Karnataka

**MBBS Phase – III (Part – I) Degree Examination - DEC - 2017**

**Time: Three Hours**

**Max. Marks: 100 Marks**

**Community Medicine – Paper I (RS2 & RS3 Scheme)**

**Q.P. CODE: 1088**

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

## **LONG ESSAYS**

**2 x 10 = 20 Marks**

1. Describe in detail, the various health problems due to industrialization.
2. Classify and describe the various methods of health communication. Enlist the advantages and disadvantages of the different methods.

## **SHORT ESSAYS**

**10 x 5 = 50 Marks**

3. Characteristics of a Normal distribution curve.
4. Attributable Risk and Population Attributable Risk.
5. Prevention of Indoor air pollution in India.
6. Sampling techniques.
7. Role of legislation in reducing alcoholism in the society.
8. Methods of pasteurization of milk.
9. Modes of transmission of diseases.
10. Define Rate, Ratio and Proportion using appropriate examples.
11. Implications of False Positive and False Negative results in clinical practice.
12. Different types of association.

## **SHORT ANSWERS**

**10 x 3 = 30 Marks**

13. Herd immunity.
14. Social security.
15. Epidemic.
16. Define silicosis. How is it diagnosed?
17. List four micronutrient deficiency disorders in India.
18. Occupational hazards of healthcare professionals.
19. Recommend solution for the problem of drug abuse in India.
20. Sample Registration System in India.
21. Physical Quality of Life Index (PQLI).
22. Residual chlorination.

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# Rajiv Gandhi University of Health Sciences, Karnataka

MBBS Phase – III (Part – I) Degree Examination - JULY-2018

Time: Three Hours

Max. Marks: 100 Marks

## Community Medicine – Paper I (RS2 & RS3 Scheme)

**Q.P. CODE: 1088**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

### LONG ESSAYS

**2 x 10 = 20 Marks**

1. Classify Epidemiologic methods and explain the basic steps in Case Control study with suitable examples.
2. Explain in detail about the Effects of Air Pollution and add a note on Prevention and Control of Air Pollution.

### SHORT ESSAYS

**10 x 5 = 50 Marks**

3. Concepts of Control
4. Indigenous system of medicine
5. Biological effects of radiation
6. National immunization schedule
7. Pellagra
8. Family in Health and Disease
9. Methods of disposal of Solid Waste
10. Relative risk and Attributable risk
11. Lead poisoning
12. Factors associated with a high risk for Drug Abuse

### SHORT ANSWERS

**10 x 3 = 30 Marks**

13. Name the Tests of Significance
14. Types of Epidemics
15. Lead time
16. Cretinism
17. Social Control Mechanisms
18. Residual Chlorine
19. Composting
20. Effects of Heat Stress
21. The characteristics of Standard Normal Curve
22. List the Engineering measures to prevent Occupational Diseases.

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# Rajiv Gandhi University of Health Sciences, Karnataka

MBBS Phase – III (Part – I) Degree Examination - DEC-2018

Time: Three Hours

Max. Marks: 100 Marks

## Community Medicine – Paper I (RS2 & RS3 Scheme)

**Q.P. CODE: 1088**

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

### LONG ESSAYS

**2 x 10 = 20 Marks**

1. Define Epidemiology. Describe in detail the various measures of Disease Prevention and Control.
2. Give a brief account of the Cultural Factors related to Health and Disease in India.

### SHORT ESSAYS

**10 x 5 = 50 Marks**

3. "Tridosha Theory"
4. Morbidity Indicators of Health
5. Emporiatrics
6. Pasteurization of milk
7. Role of emotions in Health and Disease
8. Purification of water at household level
9. Bias in case control study
10. Enumerate the Water Soluble Vitamins and describe any one in detail.
11. Types of Mental illness
12. Health problems due to Industrialization

### SHORT ANSWERS

**10 x 3 = 30 Marks**

13. Matching
14. Quarantine
15. Socialization
16. Keratomalacia
17. Fluorosis
18. Intelligence Quotient
19. Global warming
20. Occupational hazards of Agricultural workers
21. Anthracosis
22. Registration of Vital events

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# Rajiv Gandhi University of Health Sciences, Karnataka

MBBS Phase – III (Part – I) Degree Examination - JUNE-2019

Time: Three Hours

Max. Marks: 100 Marks

## Community Medicine – Paper I (RS2 & RS3 Scheme)

**Q.P. CODE: 1088**

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

### LONG ESSAYS

**2 x 10 = 20 Marks**

1. Define the terms Endemic, Epidemic and Pandemic. Outline the objectives and steps involved in the investigation of an Epidemic.
2. What are the various methods of Purification of water and mention clearly about household purification of water.

### SHORT ESSAYS

**10 x 5 = 50 Marks**

3. Incidence and Prevalence
4. Types of Screening
5. Human Development Index
6. Food toxins
7. Milk borne diseases
8. National Mental Health Programme
9. Radiation hazards and Prevention
10. Social security
11. Pneumoconiosis
12. Roles and responsibilities of Accredited Social Health Activist (ASHA)

### SHORT ANSWERS

**10 x 3 = 30 Marks**

13. Disease outbreak with suitable examples
14. Biological plausibility
15. Health Promotion and Specific Protection
16. Vocational rehabilitation
17. Types of Sampling
18. Swachh Bharat
19. Problems of old age
20. Milk hygiene
21. Waste disposal in urban areas
22. Mosquitoes and immune diseases

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**Rajiv Gandhi University of Health Sciences, Karnataka**  
**MBBS Phase - III (Part - I) Degree Examination - 11-Dec-2019**

**Time: Three Hours**

**Max. Marks: 100 Marks**

**COMMUNITY MEDICINE - PAPER I (RS2 & RS3)**

**Q.P. CODE: 1088**

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

**LONG ESSAYS**

**2 x 10 = 20 Marks**

1. What are Micronutrients? Describe their role in Nutrition and discuss the Management of Diseases due to their deficiency.
2. Define Cohort. Describe in brief about Cohort studies and write a note on its Advantages and Disadvantages.

**SHORT ESSAYS**

**10 x 5 = 50 Marks**

3. Sickness Benefit under Employees State Insurance Act
4. Measures of Central Tendency
5. Models of Health Education
6. Enumerate the Community Nutrition Programmes.
7. Green house effect
8. Define Screening. Types of Screening
9. Write in brief about Lathyrism.
10. Holistic Approach in Medicine
11. Rehabilitation
12. Adverse effects of Smoking

**SHORT ANSWERS**

**10 x 3 = 30 Marks**

13. Sentinel surveillance
14. Prevention of Scabies
15. Ergonomics
16. Pre-placement examination
17. Balance diet
18. Define Disinfection. Properties of an Ideal disinfectant.
19. Composting
20. Methods of household purification of water
21. Types of carriers
22. Physical Quality of Life Index (PQLI)

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Rajiv Gandhi University of Health Sciences, Karnataka  
MBBS Phase – III (Part – I) Degree Examination - 19-Nov-2020

Time: Three Hours

Max. Marks: 100 Marks

**COMMUNITY MEDICINE – PAPER I (RS3)**  
**Q.P. CODE: 1088**

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

**LONG ESSAYS**

**2 x 10 = 20 Marks**

1. Discuss design, conduct and analysis of a Cohort study. Mention advantages and disadvantages.
2. Describe the health effects of Global warming and measures to prevent it.

**SHORT ESSAYS**

**10 x 5 = 50 Marks**

3. Doctor patients relationship
4. Endemic Fluorosis
5. Planning cycle
6. Role of Community Nutrition Programme in Prevention of Malnutrition
7. Health education for Elderly population with suitable examples
8. National immunization schedule
9. Epidemiological triad
10. Newer vaccines
11. Aflatoxins
12. High risk strategy with suitable examples

**SHORT ANSWERS**

**10 x 3 = 30 Marks**

13. Cyclopropogative with suitable examples
14. Prevention of hearing disability in industries
15. Physical quality of life index
16. Primary and Primordial prevention
17. Acculturation
18. Multi phasic screening
19. Histogram
20. Droplet nuclei infection with suitable examples
21. Period of communicability
22. Secondary attack rate

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# Rajiv Gandhi University of Health Sciences, Karnataka

MBBS Phase – III (Part – I) Degree Examination - 24-Mar-2021

Time: Three Hours

Max. Marks: 100 Marks

## COMMUNITY MEDICINE – PAPER I (RS3)

Q.P. CODE: 1088

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

### LONG ESSAYS

2 x 10 = 20 Marks

1. Define Health Education. Enumerate the principles of Health Education and explain the approaches to Health Education.
2. Discuss in detail the Community Nutrition Programme and its influence on its beneficiaries.

### SHORT ESSAYS

10 x 5 = 50 Marks

3. Germ theory of disease
4. Types and uses of Screening
5. Differences between Case Control Study and Cohort Study
6. Human Development Index
7. Prevention of Food Adulteration Act
8. Types of Learning
9. Application of Computers in Medicine
10. Occupational Cancers
11. Measures of Dispersion
12. Health problems due to Alcoholism and Drug Dependence

### SHORT ANSWERS

10 x 3 = 30 Marks

13. Ergonomics
14. Food Fortifying Agents and Food Additives
15. Odd's Ratio
16. Sentinel Surveillance
17. Composting
18. Sanitary Awakening
19. Acculturation
20. Super chlorination
21. Indices of Thermal Comfort
22. Index case

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