Rajiv Gandhi University of Health Sciences

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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.

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

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

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

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

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

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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Rajiv Gandhi University of Health Sciences

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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 II (Revised Scheme II)

QP Code: 1089

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

LONG ESSAY — 2 X 10 = 20 Marks

1. Describe the epidemiology, clinical features, prevention and control of measles in a community
2. Describe the causes of maternal mortality in India. Suggest preventive and control measures for reduction of MMR.

SHORT ESSAY — 10 X 5 = 50 Marks

3. Describe the epidemiology and prevention of accidents
4. What are the principles and elements of primary health care
5. What are the different types of hormonal contraceptives? Write a note on mode of action, contraindications and complications of combined oral contraceptive pills
6. Briefly explain the modes of transmission of Hepatitis B infection
7. Mention the steps involved in eradication of poliomyelitis
8. What are the measures for control of sexually transmitted diseases
9. Cancer registries
10. Describe the job responsibilities of health worker female
11. Describe the case finding tool for diagnosis of tuberculosis under RNTCP. Add a note on reasons for the false positivity and false negativity
12. Describe the salient epidemiological features of dengue syndrome

SHORT ANSWERS — 10 X 3 = 30 Marks

13. What is exclusive breast feeding? Enumerate the advantages
14. What is a blocked flea
15. Mass drug administration for filariasis
16. What is network analysis
17. Treatment for leprosy
18. Case definition used for diagnosis of AIDS
19. What is chandler's index
20. What is rule of halves in hypertension
21. What are the uses of growth chart
22. Juvenile delinquency

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Rajiv Gandhi University of Health Sciences

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

Time: 3 Hrs. [Max. Marks: 100]

OTO-RHINO-LARYNGOLOGY – Paper - I (Revised Scheme II)

QP Code: 1090

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

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

1. Describe briefly the anatomy of the middle ear cleft with a suitable labelled diagram
2. Classify the causes of epistaxis. Outline the management of epistaxis in a 60 year old man

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

3. Olfactory area
4. Indications and complications of esophagoscopy
5. Thyroglossal cyst
6. Organ of corti
7. Gradenigo' s syndrome
8. Dangerous area of the face
9. Functional endoscopic sinus surgery
10. Etiology and clinical features of vasomotor rhinitis
11. Cochlear implants
12. Cortical mastoidectomy

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

13. Keratosis of obturans
14. Acoustic trauma
15. Rhinolith
16. Osteomeatal complex
17. Adenoid facies
18. Globus hystericus
19. Lingual thyroid
20. Stridor
21. Nasal mylasis
22. Bezold's abscess

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Rajiv Gandhi University of Health Sciences

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

Time: 3 Hrs. [Max. Marks: 100]

OPHTHALMOLOGY (Revised Scheme II)

QP Code: 1091

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

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

1. Describe the etiology clinical features and treatment of angle closure glaucoma
2. Define Hypermetropia, Discuss the etiology, types, clinical features and management of Hypermetropia

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

3. Phlyctenular conjunctivitis
4. Granulomatous uveitis
5. Papilloedema
6. Blunt injury
7. Intraocular lens
8. Anti fungal drugs
9. Malignant melanoma
10. Perforating corneal ulcer
11. Complicated cataract
12. Lagophthalmos

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

13. Occlusion pupillae
14. Ophthalmia neonatorum
15. Chalazion
16. Retinitis pigmentosa
17. Keratoplasty
18. Vitamin A deficiency
19. Acute dacryocystitis
20. Nuclear cataract
21. Extra ocular muscles
22. Cherry red spot

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Rajiv Gandhi University of Health Sciences, Karnataka

M.B.B.S. PHASE –III Part I Degree Examination – Dec 2012 20

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 nutritional problems in public health. Describe in detail Protein-energy malnutrition with respect to its symptoms and preventive measures.
2. Explain the concepts of prevention and its mode of intervention with suitable examples.

SHORT ESSAYS **10 x 5 = 50 Marks**

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

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

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 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 – Dec 2012 21

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

COMMUNITY MEDICINE – PAPER II
(RS2 & RS3 SCHEME)
QP Code: 1089

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 epidemiological determinants, prevention and control measures of plague.
2. Discuss Revised National Tuberculosis Control Programme

SHORT ESSAYS **10 x 5 = 50 Marks**

3. Describe "ASHA"s role and responsibilities under National Rural Health Mission.
4. Malarial indices
5. What is the role of Mass drug administration in controlling lymphatic filariasis?
6. Write briefly about the elements of primary health care
7. Describe the services provided by UNICEF
8. What is disaster preparedness?
9. Define perinatal mortality rate? Enumerate the various causes of perinatal mortality in India.
10. What are the risk factors for hypertension? Discuss briefly its preventive measures.
11. Classify hormonal contraceptives. Write briefly about their adverse effects.
12. Discuss the specific health protection given to the antenatal cases

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

13. Oral Polio Vaccine
14. Mention the uses of growth chart
15. What is Couple Protection Rate
16. Congenital rubella
17. Post-exposure prophylaxis of rabies
18. Epidemiological basis for eradication of small pox
19. Mention the objectives of postpartal care. What are the complications which may arise during postpartal period.
20. Recommendations of Shrivastav Committee
21. Screening for breast cancer
22. Effect of urbanization on health

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Rajiv Gandhi University of Health Sciences, Karnataka

M.B.B.S. PHASE –III Part I Degree Examination – Dec 2012 22

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

OTORHINOLARYNGOLOGY
(RS2 & RS3 SCHEME)
QP Code: 1090

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 etiology, clinical features and management of acute otitis media.
2. Describe the etiology, clinical features and management of ethmoidal polyps.

SHORT ESSAYS **10 x 5 = 50 Marks**

3. Cerebrospinal fluid rhinorrhea
4. Bell's palsy
5. Sleep apnoea syndrome
6. Clinical features and management of Angio fibroma
7. Complications of tracheostomy
8. Differential diagnosis of a midline neck swelling
9. Nasal bone fractures
10. Clinical features and treatment of Meniere's disease
11. Acute coalescent mastoiditis
12. Functions of larynx

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

13. Rhinitis caseosa
14. Tinnitus
15. Vestibulitis of nose
16. Otitis externa
17. Vocal cord polyps
18. Cold abscess of neck
19. Waldeyer's ring
20. Septal abscess
21. Parapharyngeal space
22. Rinne's test

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Rajiv Gandhi University of Health Sciences, Karnataka

M.B.B.S. PHASE –III Part I Degree Examination – Dec 2012 23

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

OPHTHALMOLOGY

(RS2 & RS3 SCHEME)

QP Code: 1091

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

LONG ESSAYS **2 x 10 = 20 Marks**

1. Discuss clinical features, complications and management of chronic dacryocystitis.
2. Enumerate the causes for gradual loss of vision and discuss one cause in detail.

SHORT ESSAYS **10 x 5 = 50 Marks**

3. Mention causes for myopia
4. Define ptosis and classify
5. Define symblepharon and mention causes
6. Mention layers of cornea
7. What are causes for hyphaema
8. Define complicated cataract and mention its clinical fractures
9. Mention clinical features of diabetic retinopathy
10. Discuss causes for uniocular proptosis
11. Discuss management of retinal detachment
12. What are the features of Blow out fracture of orbit

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

13. Mention 2 drugs causing Mydriasis
14. Define Hordeolum ext ernum
15. Mention 2 causes for trichiasis
16. Mention 2 causes for subconjunctival hemorrhage
17. Mention 2 causes for exdudative retinal detachment
18. Mention signs of Horners syndrome
19. Mention 2 signs of Optic neuritis
20. 4 field Changes in open angle Glaucoma
21. Mention 4 signs in hypertensive retinopathy
22. 2 tests for malingering

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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. Carries 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

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ORT 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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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 II (Revised Scheme II)

QP Code: 1089

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

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

1. Write about risk factors and complications of Diabetes Mellitus. Add a note on prevention of Diabetes Mellitus
2. Define perinatal mortality. What are the factors responsible for high perinatal mortality rate in developing countries and how can these factors be controlled

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

3. Integrated vector control
4. Functions of Voluntary Health Agencies
5. Measles vaccine
6. Management techniques based on behavioural sciences
7. Functions of World Health Organization (WHO)
8. Prevention of Genetic disorders
9. Write salient features of National Mental Health Programme
10. Community Health Centre
11. How do you measure the burden of coronary heart disease in the community
12. Emergency contraception



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

13. Describe rash in measles
14. Planning – programming – Budgeting System
15. Enumerate Mendel's laws of inheritance
16. Prevention of neonatal tetanus
17. Central Government Health Scheme
18. Disaster mitigation
19. Secondary prevention of Rheumatic Heart Disease
20. Enumerate objectives of School health programme
21. Social security available for elderly population
22. Indications for medical termination of pregnancy

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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]

OTO-RHINO-LARYNGOLOGY - PAPER I (Revised Scheme II)

QP Code: 1090

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

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

1. Discuss in detail the aetiology, pathology, clinical features and management of tubotympanic type of chronic suppurative otitis media
2. Discuss in detail the causes and management of epistaxis

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

3. Fibrous dysplasia
4. Pure tone audiometry
5. Ludwig's angina
6. Indications and complications of bronchoscopy
7. Clinical features of acoustic neuroma
8. Differences between adult and infant's larynx
9. Adenoid facies
10. Hearing aids
11. Ostiomeatal complex
12. Differential diagnosis of membrane over tonsil

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

13. Otomycosis
14. Septal perforation
15. Tracheostomy tubes
16. Nerve supply of external auditory canal
17. Frontal mucocele
18. Blood supply of palatine tonsil
19. Ranula
20. Nasal decongestants
21. Killian's dehiscence
22. Carhart's notch

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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]

OPHTHALMOLOGY (Revised Scheme II)

QP Code: 1091

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

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

1. Discuss clinical features and complications of chronic iridocyclitis
2. Describe the various effects of blunt trauma to the eye

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

3. Clinical features of vernal keratoconjunctivitis
4. Corneal edema
5. Mechanism of primary and secondary angle closure glaucoma
6. Rhegmatogenous retinal detachment
7. Clinical presentation of retinoblastoma
8. Marcus gunn pupil
9. Use of steroids in ophthalmology
10. Cycloplegics
11. Fungal corneal ulcer
12. Visual field defects in primary open angle glaucoma

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

13. Etiology of amblyopia
14. Define chalazion and discuss its management
15. Visual rehabilitation in aphakia
16. Bifocals
17. Causes of childhood blindness
18. Glaukomaflecken
19. Herbert's pits
20. Indicators for penetrating kertoplasty
21. Lid signs in thyroid associated ophthammopathy
22. Constituents of the tear film

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