

**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH**

**(A DEEMED TO BE UNIVERSITY)**

**M.B.B.S. PHASE – III (Part-I) Degree Examination – July-2012**

**Time : 3 Hrs.**

**[Max. Marks : 100]**

**COMMUNITY MEDICINE – PAPER I**

**Q.P Code : - 114-SDUU**

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

**LONG ESSAY**

**2 X 10 = 20 Marks**

1. Enumerate the common nutritional problems prevalent in the community. Describe the disease “Lathyrism” and how will you prevent it.
2. Define health education and describe the various principles of health education.

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. Enumerate the uses of screening
4. Describe health gap
5. Describe the basic steps in conducting RCT (Randomized control trial)
6. Describe modern sewage treatment
7. Write the integrated approach in vector control
8. Define incubation period and describe the importance of it
9. Enlist the various determinants of health
10. Describe the common sampling techniques in Biostatistics
11. Describe the cultural factors in health and disease
12. Enumerate the steps involved in epidemic investigation

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. Describe the health promotional measures in industrial workers
14. List the health hazards associated with swimming pool
15. Elements which contribute to herd immunity
16. Describe the measures of central tendency
17. List the Bias that can occur in case control study
18. Standard normal curve
19. List the various anti rodent measures
20. What is genetic counseling?
21. Enlist the difference between case control study and cohort study
22. Oxidation pond

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**COMMUNITY MEDICINE– PAPER II**

**Q.P Code : 115 - SDUU**

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Draw neat labelled diagrams wherever necessary.*

**LONG ESSAY**

**2 X 10 = 20 Marks**

1. Describe the epidemiology and preventive measures of measles disease.
2. Discuss the national programme for control of blindness.

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. Enumerate the risk factors of coronary heart disease.
4. Describe the prevention of hospital-acquired infections.
5. List the determinants of maternal mortality in India.
6. What are the important recommendations of bhore committee?
7. Describe the role of trained dai in primary health care.
8. What are the short-term effects of major disasters?
9. Classify health-care waste.
10. What are the objectives of antenatal care.
11. Describe the role of world health organization in the prevention and control of diseases.
12. What are the factors associated with a high risk for drug abuse?

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. Dead end infections with examples.
14. Who is an ideal intra-uterine device candidate?
15. Case finding methods in sexually transmitted diseases.
16. What is the staffing pattern of district tuberculosis centre?
17. List the principles of primary health care.
18. World health organization clinical classification of diabetes mellitus.
19. Enumerate the psychological problems of the aged.
20. What is a problem village under accelerated rural water supply programme?
21. What are the behaviour problems in children?
22. What are the five cleans for a safe delivery?

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**COMMUNITY MEDICINE – PAPER I**

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**LONG ESSAY**

**2 X 10 = 20 Marks**

1. Mention the various nutritional deficiency disorders prevalent in our country. Describe the organizational setup and functions of Integrated Child Development Services Scheme.
2. What do you understand by “chain of disease transmission”? Describe briefly the general control measures of communicable disease against each of the links in disease transmission.

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. Explain the integrated approach in the control of Anopheles mosquito
4. Enumerate the important provisions of the prevention of Food Adulteration Act 1954
5. What is group health education? Write in brief about the advantages and disadvantages of the lecture method of education.
6. What are the measures of central tendency? Mention its limitations
7. Explain the role of family during sickness
8. Describe the concept of lead time in screening
9. Describe the basic steps involved in Randomized control trial
10. Enumerate the differences between clinical diagnosis and community diagnosis?
11. Write briefly the causes and measures for prevention of sickness absenteeism in industry
12. Describe the factors associated with high risk for drug abuse

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. What is green house effect?
14. Mention the difference between food fortification and food enrichment
15. What are the microbiological indicators of water quality?
16. What is social marketing?
17. Define Herd immunity
18. Mention the uses of spot map
19. Mention the objectives of Comprehensive Mental Health programme.
20. List four components of Emporiatrics
21. What is the usefulness of knowing Incubation Period?
22. Enumerate the steps in the prevention of Lathyrism

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**COMMUNITY MEDICINE– PAPER-II**

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**LONG ESSAY**

**2 X 10 = 20 Marks**

1. Describe the main strategies and components of the national AIDS control programme.
2. Describe health problems of the elderly and measures directed towards reducing these problems.

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. List the components of a diarrhoeal disease control programme and describe the preventive strategies.
4. List the activities under the school health programme.
5. Factors influencing fertility in the community.
6. List the strategies for polio eradication in India.
7. Primary prophylaxis for rheumatic heart disease.
8. Reasons and implications of obesity as an emerging disease and risk factor in India.
9. Describe briefly the quantitative methods used in health planning.
10. Illustrate the management sequence of sudden onset disaster and explain the concept of triage.
11. Health advice to international travelers.
12. Essential newborn care.

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. List the stages of demographic cycle.
14. Define eligible couple and target couple for family planning.
15. Describe the risk approach in antenatal care.
16. Enumerate the checklist before prescribing oral contraceptive pills.
17. List the responsibilities of female multipurpose health worker.
18. List health problems of urban slum dwellers.
19. List the responsibilities of ASHA under national rural health mission.
20. List the uses of the growth chart as a health education tool.
21. Reasons for active case finding in malaria control.
22. List the warning signs of cancer.

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**OTORHINOLARYNGLOGY**

*Your answers should be specific to the questions asked.*

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**LONG ESSAY**

**2 X 10 = 20 Marks**

1. Discuss the aetiology, clinical features and management of acute mastoiditis.
2. Classify sinonasal tumours. Describe aetiology, clinical features and management of carcinoma of maxillary sinus.

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. Malignant otitis externa.
4. Labyrinthitis.
5. CSF rhinorrhoea.
6. Recurrent respiratory papilloma.
7. Obstructive sleep apnoea.
8. Cochlear implant.
9. Functional endoscopic sinus surgery-definition, indications and complications.
10. Achalasia cardia.
11. Primary atrophic rhinitis-clinical features and management.
12. Ramsay hunt syndrome.

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. Preauricular sinus.
14. Pre-malignant conditions of larynx.
15. Rhinitis medicamentosa.
16. Otolith organ.
17. Cerebellopontine angle.
18. Septal haematoma.
19. Frey's syndrome.
20. Alaryngeal speech.
21. Name three vestibular function tests.
22. Brachytherapy.

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**OPHTHALMOLOGY**

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**LONG ESSAY**

**2 X 10 = 20 Marks**

1. Enumerate causes of red eye. Mention ten differentiating features of acute catarrhal conjunctivitis, acute iridocyclitis and acute congestive glaucoma.
2. Etiology, ocular manifestations, prophylaxis and treatment of vitamin A deficiency

**SHORT ESSAY**

**10 X 5 = 50 Marks**

3. Anatomy of the upper eye lid
4. Amblyopia
5. Acetazolamide
6. Enumerate complications of cataract surgery
7. Chalazion
8. Papilledema
9. Enucleation
10. Histopathology of retinoblastoma
11. Ocular anaesthesia
12. Myopia

**SHORT ANSWERS**

**10 X 3 = 30 Marks**

13. Three differences between photophobia and blepharospasm
14. Three principles of treatment of rhegmatogenous retinal detachment
15. Keratic precipitate
16. Enumerate six ocular manifestations of leprosy
17. Hutchinson's pupil
18. Six effects of contusion injury to the eye
19. Six differential diagnosis of nodules at the limbus
20. Six field defects in primary open angle glaucoma
21. Six causes of watering of the eye
22. Six uses of laser in ophthalmology