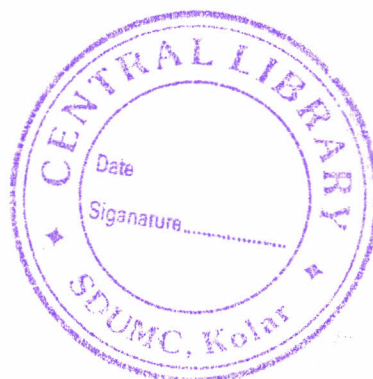


**SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH****(A DEEMED TO BE UNIVERSITY)****M.B.B.S. PHASE – III (Part-I) Degree Examination – January-2012****Time : 3 Hrs.****[Max. Marks : 100]****COMMUNITY MEDICINE – PAPER I****Q.P Code : 114 - SDUU***Your answers should be specific to the questions asked.**Draw neat labeled diagrams wherever necessary.***LONG ESSAY****2 X 10 = 20 Marks**

1. Write in detail about the steps of Randomized Controlled Trials.
2. Describe the various nutritional assessment methods.

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

3. Role of emotions in health and disease
4. Web of causation
5. Sensitivity and specificity
6. Permanent spatial groups
7. Basic model of nuclear family life cycle
8. Lathyrism
9. Spot map
10. Acculturation
11. Silicosis
12. Incidence and prevalence

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

13. Pie-diagram
14. Secondary attack rate
15. Sickness-absenteeism
16. Sir Ronald Ross
17. Chemo-prophylaxis
18. Cyclops
19. Bias in case control studies
20. Ice-berg phenomenon
21. Social pathology
22. Biological control of mosquitoes

COMMUNITY MEDICINE – PAPER II**Q.P Code : 115 - SDUU***Your answers should be specific to the questions asked.**Draw neat labelled diagrams wherever necessary.***LONG ESSAY****2 X 10 = 20 Marks**

1. Describe briefly the measures undertaken to reduce infant mortality rate under NRHM (National Rural Health Mission)
2. Describe the epidemiology, prevention and control of leptospirosis in the community.

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

3. Describe the health hazards of urbanization
4. Describe the primary factors in road traffic accident (RTA)
5. Enumerate the various services provided in “under five clinics”
6. Discuss about the factors contributing infant mortality
7. How will you monitor the growth of a child?
8. Describe the job responsibilities of health worker female
9. Define primary health care and describe its elements
10. Describe the components of disaster cycle
11. What is population explosion? What are the measures you can suggest to prevent the same.
12. Describe universal precautions

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

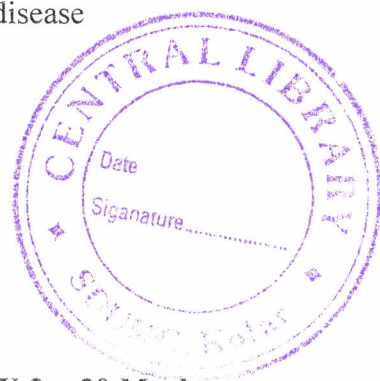
13. Enumerate the factors affecting fertility
14. Describe the pre exposure prophylaxis for rabies
15. List the various flea indices.
16. Social therapy in controlling sexually transmitted disease (STD)
17. International certificate of vaccination for yellow fever
18. Functions of World Health Organization (WHO)
19. Prevention and control of dengue fever
20. List the various factors contributing to maternal mortality
21. Self care in diabetes mellitus
22. Describe the cost benefit analysis

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1. How will you investigate an outbreak of Gastro-enteritis in the college hostel?
2. Define Screening. How will you organize a good screening program in the community?

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

3. What do you understand by “Multi-factorial etiology”?
4. What are the standards of Housing in rural areas?
5. What is Sanitation Barrier? How will you use this to control diseases?
6. What is Endemic Goitre? Describe the measures for its prevention in the community
7. Write briefly on Levels of prevention in the natural history of disease
8. Pre placement and periodic medical examination
9. Describe the principles for adult education
10. Nutritional needs of pregnant and lactating mothers
11. Describe briefly on nutritional rehabilitation
12. Write briefly on Tests of significance

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

13. What are the uses of mean, median and mode
14. What is primordial prevention
15. Interpretation of presumptive coliform test
16. What is frostbite and its prevention
17. Write about prevention of lathyrism
18. What is a Histogram?
19. Matching in a case-control study
20. Preventing Airborne transmission
21. What are millennium development goals?
22. What is case fatality rate?



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1. Enumerate arthropod borne viral diseases? Describe in detail about kysnur forest disease.
2. Describe the epidemiology, prevention and control of hypertension.

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

3. List the warning signs of cancer
4. Describe vision 2020: Right to Sight
5. Describe the structure and use of health information system in India
6. Describe the treatment of falciparum malaria
7. List the duties of primary health centre medical officer
8. Describe the modes of transmission of HIV
9. Describe cancer registries
10. Post exposure prophylaxis of rabies
11. Describe the demographic cycle
12. Enumerate the millennium development goals

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

13. List the hazards of immunization
14. Define infant mortality rate
15. Write prophylactic and therapeutic schedule of vitamin A in children
16. Illustrate the stages of planning cycle
17. List the functions of the female health worker
18. Describe the significance of the waist to hip ratio in obesity
19. Explain in brief about demographic gap
20. Write briefly about UNICEF
21. List the natural family planning methods
22. Classify bio-medical waste