



SRI DEVRAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)

Post Graduate Degree Examination - July 2021

Time : 3 Hrs

Max Marks : 100

M.D COMMUNITY MEDICINE

Paper- I QP Code: P3081

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

LONG ESSAY

10 X 10 = 100

1. Discuss on estimation of various risks in epidemiological studies.
2. What is descriptive epidemiology? Explain the different components and uses.
3. Discuss the common strategies for reducing losses to follow-up in cohort studies
4. Describe the Health hazards of pesticides
5. What are the properties of a good screening test? Discuss the merits and demerits of screening tests used for the detection of Tuberculosis
6. Discuss on the various issues to be considered in designing and conducting a case-control study.
7. Discuss the environmental strategies for vector control
8. Discuss on the role of ethnic factors in health and disease.
9. What do you understand by the term Cultural anthropology ? Discuss the role of a social scientist in the community health programme.
10. Discuss the ways and means of securing community participation at primary health center level.



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Paper- II QP Code: P3082


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LONG ESSAY

10 X 10 = 100

1. Comment on introduction of Bedaquiline in treatment of drug resistant tuberculosis.
2. Elaborate on the goals and key strategic approaches of National framework for Malaria Elimination
3. Discuss the Targeted interventions for High Risk Groups under National AIDS Control Programme.
4. Explain the need for integration of mental health at primary care level in India.
5. Discuss the role of health and wellness centre under NPCDCS.
6. Discuss the importance of Genetically Modified Food.
7. Discuss the impact of population momentum on future population growth.
8. What is 'Mathematical Modelling'? Discuss various Models with example.
9. Classify Human generated disasters. Explain the role of humanitarian assistance in disaster.
10. Describe the Ethical aspects related to data management and health records. Add a note on record linkage.


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Paper- III QP Code: P3083

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LONG ESSAY

10 X 10 = 100

1. What is the rationale for switching over from tOPV to bOPV in National Immunization Schedule (NIS)? Discuss various strategies under End Game Polio Strategy. Add a note on introduction of fIPV into NIS.
2. Elaborate on Lymphatic filariasis elimination measures in India and its progress.
3. Describe the epidemiology of JE. Outline the preventive measures.
4. Describe the changing scene in the global distribution of AIDS. How is this maintained in developed countries with effective and successful health education program? Describe briefly the epidemic investigations you would carry out and the methods you would recommend to control an epidemic of AIDS in a city.
5. Describe the interventions and approaches for Prevention and Control of Non-Communicable Diseases. Add a note on WHO Global Action Plan for prevention and control of NCDs(2013-2020)
6. Define Obesity in children. Plan a program for prevention of childhood obesity in school.
7. Discuss on the Mental Health Status and Mental Health Care Delivery in India.
8. Elaborate on the recent developments under RNTCP in case detection and management.
9. Describe the various interventions recommended at District Level under the Reproductive and Child Health (RCH) Programme
10. What are the objectives of NPCDCS? Write in detail its strategies and bottlenecks.



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Paper- IV QP Code: P3084

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LONG ESSAY

10 X 10 = 100

1. Suggest how you will plan for prevention of Infant Mortality in a District.
2. A target of NRR 1 (Net Reproduction Rate 1) has been laid down to be achieved. Discuss the strategies for the achievement of this target.
3. Describe the role of a PHC Medical Officer in planning for excreta disposal in rural areas & small communities.
4. Discuss the Hazards to Community Health due to adulteration and toxins present in the food.
5. Describe the salient points of National Population Policy 2000.
6. Describe Critical Path Method (CPM) with example. Add a note on its importance in Health Delivery.
7. Discuss on evaluation of functions of a primary health centre.
8. Discuss the epidemiological variables & attributes used in Health surveys.
9. Elaborate on important problems of major disasters. What is the management sequence of a sudden onset disaster?
10. Discuss the salient features of International Sanitary Regulations.