

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

Post Graduate Degree Examination - Apr/May 2019

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. Describe the Millennium Development Goals and indicators in relationship to health.
2. What is the epidemiological model? Discuss epidemiological factors you consider important in the construction of such model for Typhoid fever
3. Explain the rationale, calculation and interpretation of confidence intervals for measures of occurrence.
4. Discuss the principles of immunization in the control of common communicable diseases. Suggest suitable community organization for immunization of children in the rural areas of your state.
5. Describe the ethical considerations in conducting a randomized controlled trial in community.
6. Discuss on the various models of health education available for application in a community. Add a note on its merits and demerits.
7. Describe the life cycle of malarial parasite. Mention the treatment of Chloroquine resistant malaria in different parts of India. Add a note on malaria chemoprophylaxis applicable for a traveller from non-endemic area to India.
8. Describe the ethical issues related with reproductive health.
9. Discuss the importance of behavioral sciences in health administration and management
10. Discuss the role of Radio as a medium of health education.

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Paper-II QP Code: P3082

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LONG ESSAY

10 X 10 = 100

1. Comment on the national framework for joint TB-Diabetes collaborative activities.
2. Discuss in detail the recent achievements in malaria vaccine development.
3. Discuss about the field evaluation of vaccine efficacy.
4. Describe the WHO steps approach in non communicable disease surveys.
5. Describe the Targets under WHO Global Action Plan for the Prevention and Control of NCDs (2013-2020).
6. Elaborate on the salient features of Paris Climate Change Agreement.
7. Describe the magnitude of Problems and Challenges Concerning Adolescent Health in India.
8. Discuss the applications of ROC.
9. Define 'Leadership'. Discuss the various styles of leadership.
10. What is 'Social Capital'? Discuss the benefits of social capital.

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Paper-III QP Code: P3083

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LONG ESSAY

10 X 10 = 100

1. Elaborate on the current epidemiological trends of diphtheria disease in India.
2. Critically review the Malaria control activities in India since Independence.
3. Describe the epidemiology of Rabies. Mention in detail about the recent advances in laboratory diagnosis and prophylaxis against rabies.
4. Discuss the recent advance in the field of Leprosy Control. Suggest measures for effective control and ultimate eradication of the disease.
5. Plan and implement promotion of physical activity to prevent cardiovascular diseases among the teacher community in a small town.
6. What are the complications of DM? How would you manage a case of Diabetic foot. Add a note on Self Care.
7. Describe the epidemiology and control measures of Preventable Blindness in India. Comment on the National Program for Control of Blindness and Visual Impairment. (5+5)
8. Describe the activities of National Polio Surveillance Project. Critically discuss the rationale behind switching over to IPV for eradication of polio in India?
9. What are the components of RCH programme? Describe the programme strategies and objectives. Discuss its relevance in further improving maternal and child health.
10. Describe the Objectives, strategies and implementation of ICDS programme in India.

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Paper-IV QP Code: P3084

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LONG ESSAY

10 X 10 = 100

1. Discuss in detail about the "Baby Friendly Hospital Initiative" and add a note on exclusive breast feeding.
2. What is the sex ratio in India. Discuss the factors affecting it and suggest suitable remedial measures.
3. Describe the Occupational Diseases related to Cotton Based Industries. Add a note on its preventive measures.
4. Explain the Current Nutritional Problems in India. Outline the existing measures to tackle them.
5. "The Medical Officer of a PHC is not only curative person but a health manager" - Justify the statement.
6. Discuss in detail the different quantitative management techniques used in the field of health.
7. What suggestions you would make to improve the quality and quantity of services in the future?
8. Describe Verbal Autopsy. Highlight its importance in improving health status.
9. The Biological / Chemical weapons of warfare pose a major challenge to public health administration system. Describe the measures to be taken by health administrator in case of such a situation.
10. Discuss the need, objectives and responsibilities of World Bank. Add a note on its impact on Health.