

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

*(A DEEMED TO BE UNIVERSITY)*

**Post Graduate Degree Examination - November 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. Discuss on the use of summary statistics in the presentation of a cross sectional health survey data.
2. Describe the different kinds of time trends in disease occurrence with suitable examples. How the surveillance of time trends are useful to epidemiologists?
3. Describe the survey methods in Community Medicine
4. Discuss the role and applications of focus group discussions in planning and management of community based health care.
5. Describe the ethical considerations in conducting a randomized controlled trial in community.
6. Discuss on the application of self-administered questionnaires in health surveys.
7. Describe the life cycle and the geographical distribution of Ankylostomiasis.
8. Describe the Role of Eugenics and Euthenics in Health.
9. Discuss the Operational Research with an example.
10. Discuss about the relevance of Continuing Medical Education program.

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**Paper- II      QP Code: P3082**

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**LONG ESSAY**

**10 X 10 = 100**

1. List the objectives and strategies adopted under "The integrated Global Action Plan for Pneumonia and Diarrhoea" (GAPPD)
2. Elaborate on the goals and key strategic approaches of "National framework for Malaria Elimination"
3. Discuss on the developments and applications of adult vaccines.
4. Discuss the Haddon's Matrix in Road Traffic Injuries.
5. Implementation of MPOWER strategy as a part of 'Tobacco free initiative' - Discuss.
6. Discuss how five keys to safer food given by WHO may save you from foodborne diseases.
7. Describe the National Family Planning Indemnity Scheme (NFPIS).
8. Discuss the SMART criteria for the Objectives for a research proposal.
9. Discuss about the achievement of Health related MDG in India.
10. Describe the Delphi technique in health education.

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**Paper- III      QP Code: P3083**

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**LONG ESSAY**

**10 X 10 = 100**

1. Discuss the recent trends of Poliomyelitis globally and in India. List the current strategies to make India Polio free.
2. Explain the role of GIS in malaria control.
3. Describe the epidemiology and control measures for Leishmaniasis in India.
4. Describe the Post exposure prophylaxis for prevention of HIV infection.
5. Discuss the various primary and secondary prevention strategies in the management of RHD.
6. Describe briefly the activities of cancer registries in India.
7. What was the theme for World Health Day 2017? Enumerate the Components of National Mental Health Program. Critically Evaluate National Mental Health Program.
8. Critically evaluate the National Pulse Polio Program in India.
9. Critically review NRHM program in India
10. As the PHC chief medical officer, plan for the "School Health Service Programme".

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**Paper- IV      QP Code: P3084**

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**LONG ESSAY**

**10 X 10 = 100**

1. Describe the Risk Approach in Infant Care.
2. Enumerate the Fertility Indices commonly used to describe the demographic profile of our country.  
Discuss their merits and demerits
3. Explain the Causes, Impact and measures for Prevention of Industrial accidents.
4. What is Nutritional Surveillance? How is it done in India? What are major observations?
5. Discuss the Concept of Public Private Partnership in Health Care Delivery.
6. Discuss the Importance of Material Management. Add a note on Economic Order Quantity.
7. Discuss briefly history, development & salient features of Bhore committee report.
8. Describe the salient features of Sample Registration System. What are its merits and Demerits.
9. Describe the methods of hospital waste management. Explain the issues in regulatory and educative mechanisms for the same
10. Outline the functions of Red Cross society of India.