

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

Post Graduate Degree Examination - May 2018

Time : 3 Hrs

Max Marks : 100

M.D COMMUNITY MEDICINE

Paper - I

Paper Code : RS-2501

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAY

10 X 10 = 100

1. Describe the determinants of health with illustrations and examples.
2. Explain the methods of age standardization with examples.
3. Discuss the outline of a Research design aimed at measuring the impact of safe water supply on the health of the people in a rural area
4. Discuss the role of surveillance system in health & disease
5. Discuss with examples the implication of false negatives & false positives of a screening test on individuals & communities. What is the effect of changing prevalence rates on the predictive value of a screening test?
6. What are the different methods of presentation of data? Explain with suitable examples
7. Discuss how Bionomics of insects is useful in controlling communicable diseases in India
8. The major medical ethical challenges facing the public and healthcare providers in India
9. Discuss the procedures adopted for "Operational Research" in Health Services.
10. Evaluation of internship program

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Paper - II

Paper Code : RS-2502

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LONG ESSAY

10 X 10 = 100

1. Role of molecular epidemiology in control of Tuberculosis.
2. Source, transmission and preventive methods of Salmonellosis.
3. Discuss the factors which influence emergence and re-emergence of a disease.
4. What is the current situation and causes of drug abuse and dependence in India. What measures are being undertaken by the government to tackle this situation.
5. Discuss regarding the Health system challenges faced in the implementation of the various measures proposed in the WHO's Global NCD Action Plan.
6. Genetically Modified Food.
7. Components of National Deworming Initiative in India.
8. Measures of Validity and Reliability. Add a note on relationship between validity and reliability.
9. How has 'Corporate social responsibility' contributed in tackling public health problems?
10. Methodology of National Family Health Survey - 4.

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Paper - III

Paper Code : RS-2503

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LONG ESSAY

10 X 10 = 100

1. Anemia in children and management of hookworm infection.
2. What is IDSP Case definition of Dengue? How is Dengue reported under IDSP? Add a note on Integrated Control of Vectors for Dengue Prevention.
3. Recent trends in the Japanese Encephalitis control activities in the country. Add a note on JE vaccine.
4. Single lesion pauci-bacillary Leprosy ' Diagnosis and Management.
5. Discuss the epidemiology of CHD and its prevention and control
6. List the risk factors for carcinoma cervix. What are the various screening techniques for early detection of carcinoma cervix? Add a note on importance of cancer registry in India.
7. Discuss on the mental health status and mental health care delivery in India.
3. ' Critically review the National AIDS control programme.
9. ' Discuss the concept, origin, development and future strategies of universal immunization program.
10. Discuss about the mental health care services in India and the difficulties in implementing mental health programme.

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Paper - IV

Paper Code : RS-2504

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LONG ESSAY

10 X 10 = 100

1. Justify the need for growth monitoring of under fives in the community.
2. Describe the various methods for the collection of vital statistics in India? Discuss the merits and demerits of each one of the methods and suggest methods to improve the collection to increase the credibility and reliability of the information collected
3. Discuss the different criteria for healthful housing
4. Rationale behind supplementary nutritional programmes
5. Discuss the role of social marketing in health care delivery.
6. 'Communication is an important dimension of health organization'-Give your comments.
7. Describe the genesis, implements, achievement and problems related to the multipurpose workers scheme.
8. Cyber Medicine.
9. Discuss the disaster preparedness in India.
10. Disease is international. Describe in detail the measures to control international spread of diseases.