

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

M.B.B.S. PHASE – III (Part-I) Degree Examination – January-2016

Time : 3 Hrs.

[Max. Marks : 100]

COMMUNITY MEDICINE– PAPER I

Q.P Code : SDUU-114

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Classify Water Borne Diseases. Explain in detail how large scale purification of water is made for a town.
2. Classify epidemiological study designs. Describe the steps of conducting a randomised controlled trial.

SHORT ESSAY

10 X 5 = 50 Marks

3. Discuss briefly the international classification of disease.
4. Enumerate the various health advice given to travellers.
5. Describe the uses of screening.
6. Add a note on drug dependence and its prevention.
7. Describe briefly the ecology of malnutrition .
8. Discuss the role family in health and disease.
9. Describe the general principles of arthropod control.
10. Discuss the medical and sickness benefit under ESI act.
11. Describe the various measures of dispersion in biostatistics.
12. Role of Audio Visual aids in improving health programs.

SHORT ANSWERS

10 X 3 = 30 Marks

13. Human development index.
14. Cross sectional study.
15. Specificity of screening test.
16. Dependency ratio.
17. Epidemic dropsy.
18. Permanent spatial groups.
19. Incineration in refuse disposal.
20. Occupational dermatitis.
21. Role of dietary fibres in health.
22. Chalk and talk (Lecture)

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M.B.B.S. PHASE – III (Part-I) Degree Examination – January-2016

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COMMUNITY MEDICINE– PAPER II

Q.P Code :SDUU-115

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Describe the epidemiology of hypertension and its prevention.
2. Describe epidemiology, prevention and control of Hepatitis B.

SHORT ESSAY

10 X 5 = 50 Marks

3. Functions of World Health Organisation.
4. Post partum programme.
5. Trachoma control measures.
6. Census 2011.
7. Early neonatal care.
8. Breast feeding practices.
9. Deformities occurring in leprosy.
10. Minimum need programme
11. Juvenile delinquency.
12. Psycho-social problems in the elderly.

SHORT ANSWERS

10 X 3 = 30 Marks

13. Safe period.
14. Importance of Low Birth Weight.
15. Non-formal education in Anganwadi.
16. Enumerate Arboviruses prevalent in India.
17. Mass chemotherapy in filariasis.
18. National Immunization Days.
19. Density of population.
20. Indigenous system of Medicine.
21. Appropriate technology.
22. Screening for cancer cervix.

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COMMUNITY MEDICINE– PAPER I

Q.P Code : RS-114

Your answers should be specific to the questions asked.

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LONG ESSAY (Answer any Two)

2 X 10 = 20 Marks

1. Classify epidemiological methods. Describe various steps of descriptive epidemiology in detail.
2. Describe the assessment of nutritional status in a community.
3. Define health education. Describe the methods of practice of health education.

SHORT ESSAY (Answer any Ten)

10 X 5 = 50 Marks

4. BIAS.
5. Primary prevention.
6. Measures of dispersion and their importance.
7. Alcoholism.
8. Household purification of water.
9. Balanced diet and dietary goals.
10. Sampling techniques.
11. Importance socio-economic status on health and disease.
12. Investigation of an epidemic.
13. Emporiatrics.
14. Sickness absenteeism.
15. Food fortification and food adulteration.

SHORT ANSWERS (No choices)

10 X 3 = 30 Marks

16. Ayurvedic medicine .
17. Preventive aspects in mental health.
18. Health hazards of health care waste.
19. Indoor residual spray.
20. Diffentiate between mass media and personal communication.
21. Secondary attack rate.
22. Specificity.
23. Physical quality of life index (PQLI)
24. Epidemiological triad.
25. John Snow.

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COMMUNITY MEDICINE – PAPER II

Q.P Code : RS-115

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY (Answer any Two)

2 X 10 = 20 Marks

1. Elaborate on epidemiology of road traffic injuries (RTI) in urban India. Suggest practical measures to reduce incidence of RTI.
2. Describe stages of the demographic cycle. Which phase is India in now? What measures have been taken by the government of India to control population explosion?
3. Enumerate the newer vaccines added to the national immunization program. Elaborate on the need for pulse polio program.

SHORT ESSAY (Answer any Ten)

10 X 5 = 50 Marks

4. Elaborate on “SMART” objective.
5. Who is Asha? List her roles in health care delivery.
6. Describe environmental measures for prevention of vector borne diseases.
7. Describe the drug regimen recommended for travelers for prevention of malaria.
8. List the ill effects of smoking. Discuss measures by the government of India to reduce smoking in the country.
9. List causes for maternal deaths in india. Describe one special program introduced through national rural health mission for preventing maternal deaths.
10. Elaborate on the activities of “Village Health and Nutrition Day”.
11. Draw the planning cycle and list types of information used for needs assessment.
12. Define default according to the revised national tuberculosis program. What are the common reasons for default?
13. Define eligible couple. What are the special programs and services for eligible couples in India?
14. List health and social problems of the elderly. Discuss the role of subcenter level health services in meeting these needs.
15. List newer vaccine available in India for paediatric age group. Using one of the Newer Vaccines included in the routine immunization program in India as an example. Discuss the benefits.

SHORT ANSWERS (No choices)

10 X 3 = 30 Marks

16. Define net reproduction rate.
17. Describe the concept “ Missing Girls”.
18. Describe National Immunization Day.
19. List components of school health program in India.
20. List three signs for diagnosing severe pneumonia according to IMNCI (Integrated Management of Neonatal and Childhood illnesses) guidelines.
21. Who is an eligible couple?
22. Write composition of ORS (Oral Rehydration Solution).
23. Write the immunization schedule for Pentavalent Vaccine.
24. Write the drug regimen for Pauci-Bacillary Leprosy.
25. List criteria used for Prioritisation

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LONG ESSAY

2 X 10 = 20 Marks

1. Discuss the examples the steps to conduct case control studies. Add a note on Bias.
2. Discuss causes of Malnutrition in India and strategy to control it.

SHORT ESSAY

10 X 5 = 50 Marks

3. Describe in brief community based rehabilitation.
4. Write briefly about concept of normal distribution.
5. Describe in brief the factories Act.
6. Describe briefly rain water harvesting.
7. What are the air pollution indices?
8. Describe adverse events following immunization.
9. What are the various mosquito control measures?
10. Classify of epidemiological study designs.
11. What are dietary goals (Prudent diet)?
12. Describe briefly the types of mental illness.

SHORT ANSWERS

10 X 3 = 30 Marks

13. What is registration of vital events?
14. What is Sulabh Sauchalaya?
15. What are occupational hazards of agricultural workers?
16. What is Chemoprophylaxis and give examples?
17. What is biological plausibility?
18. What is matching in case control study?
19. What is disease elimination.?
20. Explain disability adjusted life years (DALYs)
21. What is global warming?
22. What is acculturation?

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COMMUNITY MEDICINE– PAPER II

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LONG ESSAY

2 X 10 = 20 Marks

1. Define Hypertension. List and describe its risk factors and preventive measures.
2. Write in detail about the various Family Planning measures and outline their Merits and Demerits.

SHORT ESSAY

10 X 5 = 50 Marks

3. Vaccine Preventable Diseases.
4. Syndromic Approach for the management of Sexually Transmitted Diseases.
5. Investigation of an outbreak of food poisoning.
6. Preventive measures for Coronary Heart Diseases.
7. National Population Policy.
8. Outline various Fertility Rates.
9. What are common causes and preventive measures for infant mortality in India.
10. Define Primary Health Care and describe its principles.
11. Consumer Protection Act.
12. Road to Health Charts.

SHORT ANSWERS

10 X 3 = 30 Marks

13. Three flea control measures
14. Six hazards of rapid population growth.
15. Advantages and disadvantages of laparoscopic sterilization.
16. Criteria for eligibility of a pregnancy to be terminated according to the MTP act.
17. Three functions of a Child guidance clinic.
18. Dose, route of Administration, adverse effects of DPT Vaccine.
19. Three techniques of economic analysis in health.
20. Three tier system of Health Care Delivery in India.
21. Classification of Health Care Waste.
22. Swatcha Bharat-2014.