

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

MBBS Phase III Part I Examination February 2021

Time: 180 Minutes

Marks: 100

Community Medicine Paper I

*Your answer should be specific to the question asked
Draw neat and labeled diagrams wherever necessary*

Long Essay

10 × 2 = 20 Marks

1. Describe the various sources of Air Pollution in large cities. What are the methods of prevention and control of air pollution? (4+6)
2. Classify experimental epidemiological studies and describe the steps in conducting randomised control studies.(4+6)

Short Essay

5 × 10 = 50 Marks

3. What is health information system? Mention the uses of Health Information System.(1+4)
4. Describe Morbidity indicators of Health with examples.
5. What are the Approaches of Health Education? Describe the Regulatory Approach with example.(2+3)
6. What is meant by Central Tendency. Mention various measures of Central Tendency. (2+3)
7. What is Aflatoxin? Add a note on its Prevention and Control measures. (2+3)
8. Mention the objectives of National Mental Health Programme. Briefly describe the main programme strategies. (2+3)
9. Describe PQLI. Mention its importance.
10. Describe the characteristics of host in disease causation.
11. Mention the differences between a screening test and a diagnostic test.
12. Discuss the methods of prenatal diagnosis for genetic disorders along with its indications.

Short Answer

3 × 10 = 30 Marks

13. Enumerate functions of family.
14. What is Sensitivity and Specificity of a screening test.
15. Mention the effect of fluoride content of water on health.
16. What is soakage pit? Write its uses
17. What is meant by a Vector? Name two vectors and the diseases transmitted by them.
18. What are the benefits under ESI scheme.
19. What is supernatural theory of disease causation?
20. Mention the modes of Primary Prevention. Give two examples for each.
21. What is proportional mortality rate?
22. Describe the concept of lead time with an example.



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

MBBS Phase III Part I Examination February 2021

Time: 180 Minutes

Marks: 100

Community Medicine Paper II

*Your answer should be specific to the question asked
Draw neat and labeled diagrams wherever necessary*

Long Essay

10 × 2 = 20 Marks

1. Describe epidemiological determinants of Poliomyelitis. Explain the "End Game Strategy" in polio eradication. (5+5)
2. Define Infant Mortality Rate. Explain the causes for infant mortality in India measures for their prevention. (3+7)

Short Essay

5 × 10 = 50 Marks

3. Describe the Functions of WHO.
4. Describe the epidemiology of Leprosy in India.
5. Describe the uses of growth charts.
6. Discuss cost-effective analysis with an example.
7. Describe the Epidemiological features of oral cancers in India
8. Describe the principles of Primary Health Care with suitable examples.
9. What is the Treatment plan for a child with dehydration according to IMNCI?
10. Define Fertility. Enumerate the factors responsible for High fertility in India. (2+3)
11. Classify IUCD. List the complications of IUCD use. (3+2)
12. What is Community Participation? Explain with an example its importance in primary health care.

Short Answer

3 × 10 = 30 Marks

13. What is social blindness and economic blindness?
14. List six health problems of old aged people.
15. List the Hazards of health-care waste.
16. List the activities of International Red Cross.
17. Name the parameters of malaria surveillance.
18. What is Vaccine associated paralytic polio (VAPP)?
19. Enumerate Warning Signs in pregnancy and their medical importance.
20. Enumerate the steps in Disaster mitigation.
21. What are the types of vaccines for post exposure prophylaxis against rabies?
22. What is Mission Indradhanush?



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

MBBS Phase III Part I Examination February 2021

Time: 180 Minutes

Marks: 100

Community Medicine Paper I

*Your answer should be specific to the question asked
 Draw neat and labeled diagrams wherever necessary*

Long Essay (Answer any two)

10 × 3 = 30 Marks

1. Define epidemiology. Describe the steps of descriptive study. Mention the uses of descriptive studies. (2+5+3)
2. Describe the various methods of refuse disposal that could be adopted for maintenance of environmental sanitation in an urban community.
3. Define Health. Describe the determinants of health with examples (2+8)

Short Essay (Answer any ten)

5 × 10 = 50 Marks

4. Discuss the Primordial prevention measures for Cancer control.
5. Define Health Information System. Mention various sources and uses of Health information. (2+3)
6. What are the Approaches of Health Education? Describe the Regulatory Approach with example.
7. Describe the National nutritional anaemia control programme.
8. Describe the different measures to control housefly.
9. What is Ergonomics and its role in prevention of diseases. (2+3)
10. What are the various methods of health education for Groups? Write in brief about Role play. (2+3)
11. Describe Health Indicators. Describe the characteristics of an Ideal indicator. (2+3)
12. Describe the concept of ice berg phenomenon with example. (2+3)
13. Describe the uses of epidemiology.
14. Describe the measures of morbidity.
15. Discuss the methods of prenatal diagnosis for genetic disorders along with its indications.

Short Answer (Answer all)

3 × 10 = 30 Marks

16. What is Arithmetic Mean? Mention its importance.
17. What is Focus Group Discussion (FGD)?
18. What is Risk factor approach?
19. What is HTST method of pasteurization of milk?
20. What are the principles of mid-day meal programme.
21. What is Chi-square test?
22. What is "Health for All" and its implication for a common man?
23. What are the contributions of Louis Pasteur to scientific Medicine?
24. What is family and mention the types.
25. Enlist the indicators of air pollution.



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

MBBS Phase III Part I Examination February 2021

Time: 180 Minutes

Marks: 100

Community Medicine Paper II

*Your answer should be specific to the question asked**Draw neat and labeled diagrams wherever necessary***Long Essay (Answer any two)****10 × 2 = 20 Marks**

1. What are the risk factors of coronary heart diseases? Describe methods of prevention of coronary heart diseases in an individual and community. (4+6)
2. Classify Arboviral diseases. Explain the epidemiology and control measures of Chikungunya fever. (2+4+4)
3. Enumerate the common problems of Under five in India. Describe the measures taken to ensure child survival in India. (4+6)

Short Essay (Answer any ten)**5 × 10 = 50 Marks**

4. Describe the functions of WHO.
5. What are the faeco orally transmitted diseases? How will you prevent them?
6. Describe the methods to assess the status of obesity in an individual.
7. Enumerate the services provided by first referral units (FRUs).
8. Describe the recommendations of Bhore Committee.
9. Describe the WHO guidelines for post exposure treatment of Rabies.
10. Mention the causes of blindness in India. Enumerate strategies adopted to reduce the burden of blindness in India.
11. Describe the health problems of the elderly population.
12. Describe the strategies adopted under National Cancer control programme in India.
13. Define unmet needs for family planning. List the reasons for the same. (2+3)
14. What are the various preventive measures against Covid-19 at the individual, family and community level?
15. Describe the components of new born care.

Short Answer (Answer all)**3 × 10 = 30 Marks**

16. Expand GOBI FFF.
17. List the health problems of adolescent children.
18. Mention two differences between target based approach and need based approach in health care delivery.
19. Briefly describe the levels of health care in India.
20. Mention the importance of triage in Disaster Management.
21. List the danger signs in a child as per IMNCI programme.
22. What are the rat flea control measures?
23. List the Hazards of health-care waste.
24. Define Dependency ratio. Mention the formula for calculation of total dependency ratio.
25. Mention the side effects of intrauterine contraceptive devices.

