SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)
M.B.B.S Phase-III (Part I) Degree Examination JULY 2019

Time:3 hours   Max Marks:100

COMMUNITY MEDICINE - PAPER 1
Your answer should be specific to the question asked.Draw neat and labeled diagrams wherever necessary.

LONG ESSAY   *2 X 10 = 20 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.

SHORT ESSAY   *10 X 5 = 50 Marks*
3. Describe the IAP classification for nutritional assessment.
4. Define Emporiatrics. Enumerate the common health advice given to travellers. (1+4)
5. Describe the socio economic determinants of health.
6. Describe the Steps of Health Education Planning.
7. Define Health Information System. Mention various sources of Health information. (2+3)
8. Describe in detail about ESI Act.
9. Describe the concept of 'false positive' and 'false negative' in a screening test. Add a note on their relationship with sensitivity and specificity of disease. (3+2)
10. Explain the concept of screening with respect to iceberg phenomenon of disease.
11. Mention the Health Prolems due to Industrialization.
12. Describe various methods of presentation of statistical data with examples.

SHORT ANSWERS   *10 X 3 = 30 Marks*
13. What is the composition of Model Menu for Mid day Meal in India.
14. What is crude death rate (CDR)? What is the limitation of CDR? (2+1)
15. Mention risk factor and risk group. Explain with two suitable examples of each.
16. Mention the need for 'Human Genome Project'.
17. What is poverty line?
18. What is Endemic Ascites?
19. Mention the drawbacks of One-Way Communication.
20. List the drugs causing dependence.
21. What is Convenience Sampling?
22. Mention the measures to control rodents.

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COMMUNITY MEDICINE - PAPER 2

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

LONG ESSAY   *2 X 10 = 20 Marks*

1. What is geriatrics. Describe the health problems of the geriatric population. (2+8)
2. Describe epidemiological determinants of Poliomyelitis. Explain the "End Game Strategy" in polio eradication. (5+5)

SHORT ESSAY   *10 X 5 = 50 Marks*

3. Describe the functions of Voluntary Health Agencies
4. Describe the epidemiology and control measures of preventable blindness in India. (5+5)
5. Discuss the strategies under the Diarrhoeal diseases control program in India.
6. Discuss the important initiatives taken by 12th five year plan on health.
7. Describe stages of Demographic cycle with examples.(3+2)
8. Discuss the complications of post partum period .
9. Describe the complications of measles.
10. Explain the importance of 'Triage' in Disaster Management.
11. Describe process of Incineration' and list the different types of Incinerator.(3+2)
12. Describe an ideal candidate for Intra-Uterine Contraceptive Device(IUCD).List the advantages of IUCDs.(3+2)

SHORT ANSWERS   *10 X 3 = 30 Marks*

13. Mention the principles of Primary Health Care.
14. What is Body Mass Index? Classify nutritional status based on BMI.
15. What is Mission Indradanush?
16. What are the ways of measuring the burden of coronary artery disease in the community?
17. Name the parameters of malaria surveillance.
18. What is the role of UNICEF in child survival?
19. List THREE differences between Cost benefit analysis and Cost effective analysis.
20. List the objectives of RNTCP.
21. Discuss the warning signal of cancer.
22. List THREE advantages of breast feeding to the mother

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COMMUNITY MEDICINE - PAPER 1

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

LONG ESSAY (Answer any 2)   *2 X 10 = 20 Marks*

1. Classify experimental epidemiological studies and describe the steps in conducting randomised control studies.(4+6)
2. Describe the various methods of refuse disposal that could be adopted for maintenance of environmental sanitation in an urban community.
3. Describe the nutritional problems in our country. Discuss the strategies and approaches to tackle any one condition through national programmes. (2+8)

SHORT ESSAY (Answer any 10)   *10 X 5 = 50 Marks*

4. Define carrier of disease. Describe the types of the same with examples for each. (1+4)
5. Describe the epidemiological traid with a suitable example.
6. Describe the Steps of Health Education Planning.
7. What is Non-Probability Sampling method? List the different types of non-probability sampling methods. (2+3)
8. Describe the diagnosis of Lead poisioning. Mention its preventive measures. (2+3)
9. What is opportunistic screening? Enumerate its advantages? (3+2)
10. Describe the salient features of Central Birth and Death Registration Act, 1969.
11. Compare and Contrast between Panel Discussion and Symposium.(2+3)
12. Describe the warning signs of poor mental health.
13. Desrcribe the two major foundations of epidemiological approach with a suitable example.
14. Discuss Endemic fluorosis and its preventive measures. (3+2)
15. Describe the Factories Act 1948.

SHORT ANSWERS (No choices)   *10 X 3 = 30 Marks*

16. Differentiate between Seminar and Symposium.
17. Mention Sullivan's Index.
18. What is prospective genetic counselling? Give an example
19. What is a broken family?
20. What is Sensitivity and Specificity of a screening test.
21. What is an Indian Reference Man and Woman?
22. Define health as per WHO and enlist the dimensions of health.
23. What are the Indian Systems of Medicine.
24. What is Arithmetic Mean? Mention its importance.
25. Write THREE vector borne diseases with names of vectors.

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COMMUNITY MEDICINE - PAPER 2

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

LONG ESSAY (Answer any 2)   *2 X 10 = 20 Marks*

1. What are the morbidities of a newborn? Describe the essential newborn care to safe guard the newborn.(5+5)
2. What is the treatment regimen for multibacillary Leprosy. Describe the prevention and control measures of Leprosy.(5+5)
3. Define Primary Health Care. Discuss the elements of primary health care. (2+8)

SHORT ESSAY (Answer any 10)   *10 X 5 = 50 Marks*

4. Describe the methods of screening for diabetes mellitus.
5. What is DOTS therapy in tuberculosis and its significance in the control of tuberculosis?
6. Differentiate between cost benefit and cost effective studies.
7. Define Fertility. Enumerate the factors responsible for High fertility in India. (2+3)
8. Discuss the complications of post partum period .
9. Describe antigenic variations of influenza virus. Explain the case management of H1N1.
10. Discuss regarding Emergency contraception. Mention the methods. (2+3)
11. Discuss the important initiatives taken by 12th five year plan on health.
12. What is the Treatment plan for a child with dehydration according to IMNCI?
13. Describe Health Care Delivery Systems in India
14. Discuss about the International certificate of vaccination against yellow fever.
15. Discuss the problems of adolescent children.

SHORT ANSWERS (No choices)   *10 X 3 = 30 Marks*

16. Mention the measures for early detection of breast cancer.
17. Name the parameters of malaria surveillance.
18. What is meant by tracking of blood pressure? Mention its public health importance.
19. List Ford foundation's contribution to India
20. Define Disaster. Give TWO examples for man-made diSAsters.
21. List the bio-medical waste types that are NOT to be incinerated.
22. What is the importance of Night blood examination in Filarial survey.
23. What are the advantages of Zinc supplementation in diarrhoea prevention?
24. What is meant by accident proneness? Give three examples.
25. List THREE health problems of old aged people?