

QP Code

Reg. No

Third Professional MBBS Degree Examinations Part -1
COMMUNITY MEDICINE –Paper 1 2019 SCHEME

(Model Question Paper)

Time: 3hrs

Max. marks: 100

Answer all questions. Draw diagrams wherever necessary

Long Essay

(2 x15=30)

1. Rohit, aged 3 years presents to PHC with decreased vision during evening and night. On Examination, a white patch is seen on the right eye.

- a. What is your clinical diagnosis?
- b. What are the other clinical manifestations of this disease?
- c. How do you manage this patient?
- d. How can you prevent this disease in the community?
- e. Name the National Programme associated with this disease including its strategies?

(1+3+3+5+3=15)

2. A renowned tertiary care centre in Kerala wants to test the efficacy of a new drug in the treatment of Covid Pneumonia against the standard treatment regimen.

- a. Suggest an appropriate study design for this and why?
- b. Frame a good Research Question and objectives for this project
- c. Prepare a detailed protocol for conducting this study.
- d. What are possible biases that could creep into this study and ways to overcome this?
- e. What are the advantages and disadvantages of this design?

(2+3+5+2+3=15)

Short essays/Problem solving exercises.

(5 x 8=40)

3. Mosquito borne disease are on the rise in your PHC area. As an MO of PHC prepare an action plan for tackling it.
4. Explain in detail about the benefits to employees and employers under the ESI Act.

5. Health Inspector in your PHC reports increasing number of Hepatitis A cases in his subcenter area. The test report from the Public well used by the people nearby is given below .This is the only source of water supply for the people in that area.

PH =6.1

Coliform= 1000 MPN/100ml

Identify the Public health issue here. suggest remedial measures for the same.

6. A new screening test has been developed for O.P. identification of Urinary tract Infection in women. How you assess the validity of the test using appropriate tables and figures.

7. Explain in detail about levels of prevention of diseases

Short answer questions

(5x 4= 20)

- 8. Doctor - patient relationship.
- 9. Functions of WHO.
- 10. Role of family in Health and disease.
- 11. Principles of Health education
- 12. Steps of testing a Hypothesis.

Objective type questions (Can include list/differentiate/definition questions etc. where a precise answer is available)

(10 x 1= 10)

- 13. A disease which is prevalent in the community throughout the year is called
- 14. Time saved by applying a screening test is called
- 15. Name the components of HDI.
- 16. Any 2 differences between incidence and prevalence
- 17. Define acculturation.
- 18. Two differences between rapid sand filter and slow sand filter.
- 19. A soiled cotton in an Operation Theatre should be put intocolor coded bucket.
- 20. Pneumoconiosis associated with coal dust is called
- 21. Series of speeches on a selected subject in which person /expert presents an aspect of the subject briefly
- 22. List 4 stages of demographic transition
