

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0321]

MARCH 2021

Sub. Code: 3002

(OCTOBER 2020 EXAM SESSION)

M.Sc. EPIDEMIOLOGY

FIRST YEAR (From 2011-2012 onwards)

**PAPER II – EPIDEMIOLOGY OF DISEASES OF PUBLIC HEALTH
IMPORTANCE AND DISEASE CONTROL**

Q.P. Code : 313002

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate notes on:

(2 x 20 = 40)

1. Explain the various aspects by which the distribution component of COVID 19 Disease can be studied epidemiologically.
2. Enlist the determinants of the disease Hypertension. How would you measure each of these determinants as a variable, to establish, them as determinants in an epidemiological study.

II. Write Short Notes on:

(10x6 = 60)

1. Explain the justification for including Measles – Rubella vaccination in the Universal Immunisation Program.
2. What are the indicators used for assessing success of National Tuberculosis Control Program.
3. Enlist the features of severe dehydration in a child with diarrhoea. Explain how you would prove edpidemiologically, these features really predict severe dehydration.
4. Explain control measures against Hepatitis A infection. How would you assess epidemiologically the effectiveness of these measures?
5. What are the complications of Leprosy? How can their burden be measured in a given community?
6. Explain the term “ Epi dose” in the management of sexually transmitted diseases.
7. Enlist the breeding places of mosquitoes causing Dengue. For an epidemiologic study how would you measure the burden of breeding sites of Dengue causing mosquitoes in a given place.
8. Epidemiologically what are the parameters used for assessing control of Rabies?
9. What are the indicators you can use to measure the burden of HYPERTENSION in a given community?
10. How are ACCIDENTS categorized under International Classification for Diseases and their burden estimated?
