

[LQ 156]

AUGUST 2020
(MAY 2020 SESSION)

Sub. Code: 2051

M.D. DEGREE EXAMINATION

BRANCH XV – COMMUNITY MEDICINE

**PAPER I – TROPICAL MEDICINE AND PUBLIC HEALTH
BASIC SCIENCES IN COMMUNITY MEDICINE**

Q.P. Code: 202051

Time : Three Hours

Maximum : 100 Marks

I. Essay:

(2 x 15 = 30)

1. Describe the evolution of various theoretical models that explain the causation of human diseases.
2. Discuss the problem of hidden hunger in India and describe the measures to tackle the same.

II. Short notes:

(10 x 5 = 50)

1. Standardized Mortality Ratio
2. Explain 'Social assistance' and 'social insurance'
3. What is Baye's theorem? Discuss its application in screening.
4. Poisson distribution
5. External validity
6. Epidemic Diseases Act
7. Vector resistance and Refractory Behaviour
8. Neglected Tropical Diseases
9. National Disaster Management Authority
10. 30 * 7 EPI cluster sampling technique

III. Reasoning Out:

(4 x 5 = 20)

1. Epidemiology helps in health care management.
2. Community Diagnosis – necessary or not?
3. Effect of open vial policy in UIP.
4. Disaster preparedness Vs Disaster mitigation
