

[LS 156]

NOVEMBER 2020
(OCTOBER 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. What is meant by hierarchy of evidence in relation to epidemiological studies?
Explain the Bradford Hill criteria for judging causality of disease with examples.
2. As a Health Planner, how will you Plan and investigate an epidemic of Dengue fever in a community?

II. Short notes:

(10 x 5 = 50)

1. Null Hypothesis
2. Disability rates.
3. Surveillance of drinking water quality
4. Lot quality Assurance Sampling
5. Nutrition Rehabilitation Centre
6. E waste Management.
7. Swachh Bharat Mission Gramin
8. Methods of water conservation
9. Non randomized trials
10. PoshanAbhiyan

III. Reasoning Out:

(4 x 5 = 20)

1. Monitoring vs Surveillance
2. Killed vaccines vs Live vaccines
3. Design effect in sampling.
4. Weighment of raw foods is an accurate dietary assessment method than oral questionnaire method. Justify.
