

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 acculturation?
Discuss the cultural factors in health and disease.
2. Explain the epidemiological determinants in poliomyelitis.
Add a note on acute flaccid paralysis surveillance.

II. Short notes: **(10 x 5 = 50)**

1. Standard normal curve.
2. Epidemic dropsy.
3. Prevention of iodine deficiency disorders.
4. Age pyramid.
5. Disease registers.
6. Host factors in malaria.
7. Eugenics.
8. Integrated vector control.
9. Indoor air pollution.
10. Oxidation pond.

III. Reasoning Out: **(4 x 5 = 20)**

1. Why coliform organisms are chosen as indicators of faecal pollution rather than the water-borne pathogens directly?
2. Tuberculosis is a social disease with medical aspects. Explain this statement.
3. Explain how kala-azar is related to socio economic status?
4. Explain how contact tracing and cluster testing are useful in control of sexually transmitted diseases?
