

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. Explain how protein energy malnutrition can be detected at an early stage?
Discuss the measures for prevention of Protein-energy malnutrition in the community.
2. Explain the epidemiological determinants in tetanus.
Describe measures for prevention of tetanus.

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

1. Measures of dispersion.
2. Pulse polio immunization.
3. Biological control of arthropods.
4. Effects of noise exposure.
5. Radiation protection.
6. Mechanical Composting.
7. Genetic counselling.
8. Social security.
9. Sample Registration System.
10. Sex ratio.

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

1. Explain the role of zinc supplements given during a episode of acute diarrhea in children.
2. Explain the supplementary action of proteins.
3. Explain the link between social stress and disease.
4. Give reasons as to why chlorination is a preferred method of disinfection of drinking water on a large scale?
