[LO 549]   **FEBRUARY 2019**   **Sub.Code :5073**

M.B.B.S. DEGREE EXAMINATION
THIRD YEAR
PART I
PAPER III – COMMUNITY MEDICINE INCLUDING HUMANITIES – I

Q.P. Code: 525073

Time: Three hours   **Maximum : 60 Marks**

Answer All Questions

I. Elaborate on: **(7 + 3 = 10)**

1. Discuss the epidemiology and prevention of coronary heart disease. Discuss the contributions of national program for its prevention.

                                                        (4 + 6 = 10)

2. Classify acute events following immunization (AEFI). Describe the steps in the investigation of an AEFI.

II. Write notes on: **(6 x 5 = 30)**

1. Discuss the steps in the investigation of an epidemic.
2. Describe the steps in the chlorination of a well.
3. Describe the control and prevention of yellow fever.
4. Discuss the vector control methods of malaria. Add a note on its limitations.
5. Enlist the minimum standards of housing in an urban area.
6. Enlist the probability sampling methods. Elaborate on any two methods.

III. Short answers on: **(5 x 2 = 10)**

1. Define relative risk.
2. Illustrate with examples the best graph to depict the relationship between two variables.
3. Describe the waste management from a microbiology laboratory.
4. Enlist the two software's used in epidemiology.
5. Indicate the appropriate levels of prevention in the following examples:
    a) Pap smear for cervical cancer.
    b) Provision of calipers for residual polio.
    c) Hepatitis – B vaccination.
    d) Starting sports clubs for children.

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