

[LN 549]

AUGUST 2018

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:

(2 x 10 = 20)

1. Write in detail the epidemiology of poliomyelitis. Discuss on the measures taken to eradicate poliomyelitis globally.
2. Enlist the occupational pneumoconiosis. Describe the pathogenesis, clinical features and prevention of silicosis.

II. Write notes on:

(6 x 5 = 30)

1. Define spot map. Discuss its use in epidemiology.
2. Name the vector of dengue. Describe its habits and control measures.
3. Describe the design and working of a septic tank.
4. Discuss the effects and control of noise pollution.
5. Physical quality of life index.
6. Describe the design of rapid sand filters.

III. Short answers on:

(5 x 2 = 10)

1. Illustrate the advance model of triangle of epidemiology.
2. Enlist the factors which contribute to herd immunity.
3. Stratified random sampling.
4. Define regression and types of regression.
5. Discuss the laboratory diagnosis of lead poisoning.
