

[LP 549]

AUGUST 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:**

**(8 + 2 = 10)**

1. Describe the diagnosis and management of a one year old child with acute respiratory infection as per the IMNCI guidelines. Enlist the vaccines that can be used in its prevention.

**(3 + 5 + 2 = 10)**

2. Describe in detail the epidemiology, clinical features and diagnosis of dengue.

**II. Write notes on:**

**(6 x 5 = 30)**

1. Define migration studies. Discuss its use in epidemiology.
2. Describe the attributes of a sanitary well.
3. Enlist the principal methods of refuse disposal. Describe the method used in metropolitan cities and highlight the environmental hazards associated with it.
4. Discuss the sources and hazards of indoor air pollution.
5. Discuss the sources of bias in case-control studies and methods of over-coming it.
6. Explain the rule of halves in epidemiology of hypertension and suggest methods to overcome it.

**III. Short answers on:**

**(5 x 2 = 10)**

1. Define survival rate.
2. Define specificity. Give examples of conditions where a test with high specificity is chosen.
3. Isolation and quarantine.
4. Describe the method of application and mode of action of pyrethrum.
5. Define attributable risk.

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