

**THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY**

**[MD 0522]**

**MAY 2022**

**Sub. Code: 2052**

**M.D. DEGREE EXAMINATION**

**BRANCH XV – COMMUNITY MEDICINE**

**PAPER II – COMMUNITY MEDICINE**

***Q.P. Code: 202052***

**Time : Three Hours**

**Maximum : 100 Marks**

**I. Essay:**

**(2 x 15 = 30)**

1. There is an outbreak of an atypical flu with high secondary attack rate and no specific treatment. Plan a strategy for control and how would you evaluate the success of your strategy?
2. Discuss sources and consequences of thermal pollution of water. How is surveillance for provision of safe water done?

**II. Short notes:**

**(10 x 5 = 50)**

1. Critical review of National Program for control of Viral Hepatitis.
2. Diagnosis and management of malaria case and follow up action as per the NVBDCP.
3. Discuss clinical features and environmental context to suspect Leptospirosis and give control measures.
4. The change in diagnostic guidelines for tuberculosis as per NTEP and its Significance.
5. Indicators for monitoring and supervision of leprosy control.
6. Management as per 'Syndromic approach' for lower abdominal pain of women in reproductive age group and the significance.
7. Diabetes control and management at the primary, secondary and tertiary health care levels as per NCPDCS guidelines.
8. Essential components of Disaster Preparedness at the District level.
9. Criteria for compliance to Clinical Establishment Act, relating to biomedical waste management.
10. As a district administrator, explain the strategy you would follow for creating awareness relating to Dengue control, analyzing its advantages and disadvantages.

**III. Reasoning Out:**

**(4 x 5 = 20)**

1. Justify cost and consequence of including Rubella vaccine with measles vaccine.
2. Indication for antibiotics for a under-five with diarrhea as per IMNCI guidelines.
3. Compare and contrast vector characteristics of those causing malaria and filariasis.
4. Control of HT is more contributory to prevention of stroke than cardiovascular diseases. How would you prove this?

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