

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

[AHS 0321]

**MARCH 2021**

**Sub. Code: 9129**

**(OCTOBER 2020 EXAM SESSION)**

**M.Sc. MOLECULAR VIROLOGY**

**SECOND YEAR (From 2009-2010 onwards)**

**PAPER II – APPLIED EPIDEMIOLOGY AND APPLIED ENTOMOLOGY**

***Q.P. Code : 289129***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate notes on:**

**(2 x 20 = 40)**

1. Classify Experimental studies and explain in detail about Randomized controlled trials.
2. Compare hard and soft ticks. Enumerate the disease caused by hard ticks and explain in detail about any one disease caused by them.

**II. Write Short Notes on:**

**(10x6 = 60)**

1. Monitoring and surveillance
2. World Health Organization and its activities
3. Long term or secular trends
4. Herd immunity
5. Cold Chain
6. Mosquito control measures
7. Acarology and its importance in human health
8. Dengue
9. Transtadial and transovarian transmission
10. Culex mosquito

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