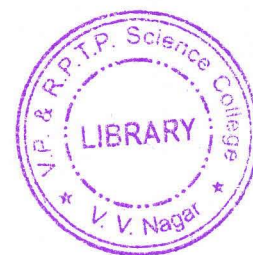


**V.P. & R.P.T.P.SCIENCE COLLEGE**  
**B.Sc (Semester VI) Examination-March 2014**  
**Microbiology (US06CMIC04)**  
**(Medical Microbiology)**



**Thursday- 13<sup>th</sup> March 2014**

**Time: 3.30 pm - 5.00 pm**

**Total Marks: 30**

N.B. (i) Attempt all questions. (ii) Marks are indicated on the right side.

Q.1. Attempt any three of the following. (06)

1. Define the terms 'Hematopoiesis' & 'Hemostasis'
2. Write any two applications of Coombs test.
3. What is Serotyping?
4. What is Immunofluorescence?
5. Define the terms: Morbidity rate & Mortality rate.
6. What is Bioterrorism?

Q.2. Explain the Principles of Blood Banking. (08)

**OR**

Q.2. Write a note on: Components of Blood & their functions. (08)

Q.3. Write a note on: 'ELISA'. (08)

**OR**

Q.3. Write notes on:

- a) Rapid identifying techniques (04)
- b) Immunoelectrophoresis (04)

Q.4. Write a note on: Kidney Function tests. (08)

**OR**

Q.4. Write a note on: Vaccines. (08)

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