

# CBSE Question Paper - 2010

## MICROBIOLOGY

### (Theory)

### Class – XII

Time allowed: 3 hours

Maximum Marks: 50

#### PART I

1. Describe the Laboratory diagnosis of a suspected case of Urinary Tract Infection.  
Enumerate the organisms causing urinary tract infections.

6+4

2. Write briefly on any two of the following :

3+3

(i) Klebsiella

(ii) Lepromin test

(iii) Bacillary dysentery

3. Write short notes on any three of the following;

3+3+3

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#### Other Educational Websites:

[ICSEGuess.com](http://ICSEGuess.com) | [NIOSGuess.com](http://NIOSGuess.com) | [IGNOUGuess.com](http://IGNOUGuess.com) | [IITGuess.com](http://IITGuess.com) | [MagicSense.com](http://MagicSense.com) | [AIPMTGuess.com](http://AIPMTGuess.com) |  
[AIEEEGuess.com](http://AIEEEGuess.com) | [IndiaGuess.com](http://IndiaGuess.com)

- (i) Shick test
- (ii) Catalase test
- (iii) Swarming growth
- (iv) Laboratory diagnosis of pulmonary tuberculosis

## PART II

4. What are flocculation tests? Describe agglutination reaction.

3+6

5. Write briefly on any two of the following :

3+3

- (i) Hypersensitivity reactions
- (ii) Acquired Immuno Deficiency Syndrome (AIDS)
- (iii) Antigen and Hapten

## PART III

6. What is cerebral malaria? Enumerate the complications of malaria and give its laboratory diagnosis.

2+2+2

7. Write short notes on any two of the following :

2+2

- (i) Trichuris trichiura

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- (ii) Giardia lamblia
- (iii) Hymenolepis nana

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