



RR-0869

Third Year B. Sc. Examination

March / April – 2010

Bioscience : Paper - VI

(Old Course)

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

नीचे दर्शाविए निशानीवाणी विगतो उत्तरवही पर अवश्य लખवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
T. Y. B. Sc. (Old)

Name of the Subject :
Bioscience - 6

Subject Code No. : 0 8 6 9 Section No. (1, 2,.....): Nil

Seat No. :

Student's Signature

(2) Draw neat and labelled diagram wherever necessary.

(3) Figures to the right indicate full marks.

1 Define/Describe/Explain in brief (2-3 lines) 12

- (i) Drug resistance
- (ii) VDRL
- (iii) Cholera red reaction
- (iv) Nosocomial infections
- (v) Single cell protein
- (vi) Pathogenicity and virulence

2 Write notes on (any two) 12

- (i) Spoilage of milk
- (ii) Role of microorganisms in sewage treatment
- (iii) Milk is an excellent culture medium - Justify.

3 Describe in brief methods for control of microbes in the air. 12

OR

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[Contd...

- 3 Explain in detail the anaerobic digestion of Sludge.
- 4 Describe morphology, life cycle, pathogenesis, symptoms, transmission diagnosis and treatment of disease caused by *Giardia lamblia* or *Stongyloides stercoralis* 12
- 5 Describe in brief causative agent, pathogenesis, symptoms, laboratory diagnosis and prophylaxis of Hepatitis or Tuberculosis. 12
- 6 Write short notes on (any two) 10
- (i) Vaccination as prophylaxis
 - (ii) Methylene blue reduction test
 - (iii) Candidiasis
 - (iv) MPN.
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