

Printed Pages: 3

NBT-201/EBT-201/BT-201

(Following Paper ID and Roll No. to be filled in your
Answer Books)

Paper ID : 154208Roll No.

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B.T ECH.**Theory Examination (Semester- II) 2015-16****REMEDIAL BIOLOGY-II****Time : 3 Hours****Max. Marks : 100****Section-A**

**Q.1 Attempt all parts. All parts carry equal marks. Write
answer of each part in Short. (2×10=20)**

- (a) Define the term Lichen.
- (b) Write short note on algae.
- (c) Describe structure of a bacteriophage.
- (d) Write the difference between aerobic and anaerobic respiration?
- (e) What is metabolism?

(1)

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- (f) Write short note on ATP.
- (g) Write full form of MTP and STDs.
- (h) Define the term immunology.
- (i) Draw well labelled diagram of Prokaryotic cell.
- (j) Define the term enzyme.

Section-B

Q2. Attempt any five parts. All parts carry equal marks:
(5×10=50)

- (a) Describe Lipid catabolism.
- (b) Discuss in brief the size, shape and arrangement of bacterial cell.
- (c) Describe ultra structure of mitochondria.
- (d) Differentiate between Glycolysis and kreb's cycle.
- (e) List main difference between Gram negative and Gram positive bacteria.
- (f) Write the factors affecting respiration.

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- (g) What is metabolic diversity explain in detail?
- (h) Write a note on population explosion and its adverse affect.

Section-C

Note: Attempt any two questions from this section.

(2×15=30)

- Q3. Briefly discuss about Cancer and its mode of treatment.
- Q4. (a) Give brief idea about Prokaryotic cells.
(b) Explain Eukaryotic Cells.
- Q5. (a) Describe Glycolysis in detail.
(b) Explain oxidative Phosphorylation.

(3)

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