

B.TECH.

Theory Examination (Semester-VI) 2015-16

BIOTECHNOLOGY IN HEALTH CARE

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 subunit vaccines.
- (b) Briefly explain therapeutic index.
- (c) What are ribozymes.
- (d) Describe anticoagulants.
- (e) Explain the process opsonization.

(1)

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Section-B

- Explain polysaccharide bacterial vaccine.
- How would you describe cell mediated immune response?
- Give a vivid explanation of radiosensitizers.
- What is Gene therapy? Explain targeted gene transfer.
- Describe antihelminthic agents.
- Elaborate peptidomimetics with a flow diagram.

(2)

Q3. Discuss brain specific drug targeting strategies.

Q4. Give a detailed explanation of modification of endogenous peptides and proteins.

Q5. Give a detailed account of endocrinal drugs.

(3)