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**B. TECH.**  
**THEORY EXAMINATION (SEM-II) 2016-17**  
**REMEDIAL BIOLOGY-II**

**Time : 3 Hours**

**Max. Marks : 70**

**Note : Be precise in your answer.**

**SECTION – A**

**1. Attempt all parts of the following questions:**

**7 x 2 = 14**

- (a) Define term domain bacteria.
- (b) Write difference between gram +ve & gram \_ve bacteria.
- (c) What are different types of bacterial cell?
- (d) What is amphibolic pathway?
- (e) Define vaccine.
- (f) Define natality & moratility.
- (g) What are difference between bacteria & archea?

**SECTION – B**

**2. Attempt any five of the following questions:**

**5 x 7 = 35**

- (a) Describe different type of micro-organism.
- (b) Draw a diagram of eukaryotic cell.
- (c) What are sexually transmitted disease explain.
- (d) Explain light & dark reaction of photosynthesis.
- (e) Define viral multiplication detail.
- (f) Briefly explain the role & importance of micro-organisms in medicine.
- (g) What is AIDS? How it spread?
- (h) Describe the animal cell in detail with diagram.

**SECTION – C**

**Attempt any two of the following questions:**

**2 x 10.5 = 21**

- 3. Briefly discuss about the cancer & its mode of treatment.
- 4. What is metabolic diversity? Explain in detail.
- 5. Explain cxb's cycle in detail.