**Week 8: Question Bank**

Course: M.Sc., Microbiology Semester IV

Subject: Environmental Microbiology

Course Code: MICR-641

Subject teacher: Dr. Nidhi S. Belwal/ Dr. Sana Iram/ Dr. S. Dheeman

**By: Dr. Nidhi S. Belwal**

**Topic: Bioleaching of ores**

Q1. What is the process of bioleaching? Explain through flowchart.

Q2. Where is bioleaching used?

Q3. What is microbial leaching technique?

Q4. What are the disadvantages of bioleaching?

Q5. Give various methods employed in commercial bioleaching with an appropriate example.

Q6. What are the advantages and disadvantages of bioleaching?

Q7. Which microorganisms are involved in Bioleaching of ores?

Q8. Compare direct and indirect bioleaching process.

Q9. What factors can influence the process of bioleaching of ores?

Q10. Give the basic reaction involved in bioleaching of ores

**By: Dr. Sana Iram**

**Topic:**

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**By: Dr. S. Dheeman**

**Topic: Population interaction & Rumen Microbiology**

Q. 1 How rumen is defined like a chemostat?

Q. 2 Define role of microbes in ruminant stomach? How you understand it mutually beneficial.

Q. 3 How does microbes involve in antagonism? Give mechanisms.

Q. 4 Define role of commensal microorganisms in human digestion.

Q. 5 What do you understand with the predation? Give an essay in your words.