



**Shree H.N. Shukla College of Science Rajkot**  
**B.Sc. (Sem. VI) (CBCS)**  
**MB [603]: MICROBIOLOGY**  
**Prelims Paper-2018**

[Time: 2:30 Hour]

[Total Marks: 70]

Instructions: 1. all questions are compulsory.  
2. The right side figure indicates total marks of the question.  
3. Draw the figure wherever necessary.  
4. Write answers of all the questions in main answer sheets.

**Q-1 Answer the following question**

**(20 marks)**

1. Ecosystem.
2. Biodiversity.
3. Ecad.
4. Ecological Niche.
5. Habitat .
6. Biosphere reserves.
7. Carnivores.
8. Endangered species.
9. Estuary.
10. Eutrophication.
11. Full form of FAO is.
12. Environment impact assessment is.
13. Exhaustible resources .
14. Keystone species.
15. Natality.
16. IPAS stands for.
17. Threatened species.
18. Wetlands.
19. Transitional zone.
20. Sustainable development.

**Q-2**

**A. Answer the following question (any three)**

**(6 marks)**

1. Mineral Resources.
2. Energy resources.
3. Natural resources.
4. Ecosystem.
5. Genetic diversity.
6. Non-renewable resources.

**B. Write notes on. (any three)**

**(9 marks)**

1. Resource utilization.
2. List effects of mining.
3. Energy flow in Ecosystem.
4. Food resources.
5. Land Resources.
6. Threats to biodiversity.



**Shree H.N. Shukla College of Science Rajkot**  
**B.Sc. (Sem. VI) (CBCS)**  
**MB [603]: MICROBIOLOGY**  
**Prelims Paper-2018**

---

**C. Answer the following question (any two) (10 marks)**

1. Functions of ecosystem.
2. Forest Resources.
3. Food chain and food web, ecological pyramids with examples in chart. And its functioning.
4. Insitu and exsitu conservation

**Q-3**

**A. Answer the following question (any three) (6 marks)**

1. Define Environment and list its biotic and abiotic factors
2. Climate change and its causes
3. List any two environmental calendar activities
4. Define point source of pollution.
5. Effect of radiation on biological system.

**B. Write notes on. (any three) (9 marks)**

1. Write about Project tiger
2. Write about the characteristics of Municipal waste
3. Global warming
4. Compare and contrast deforestation and afforestation
5. Write a brief note on reasons responsible for ozone depletion

**C. Answer the following question (any two) (10 marks)**

1. Nuclear Hazards
2. Solid waste management
3. Discuss India as a mega diversity nation.
4. Explain major air pollutants
5. Role of individual in preventing environmental pollution.

**ALL THE BEST**