

Government Degree College, Baramulla (Autonomous)

Term End External Examination 4th Semester (Session- July 2024)

Subject: Environtal Science

Course No and Title: EVSC2422M/Biological Environment

Time: 2.15 hours Max Marks:100 Min. Marks:40

Section A: Objective Type Questions

Q1. Choose the appropriate Answer: (8x1.5=12)

- i. Which group of microbial agents is eukaryotic?
A Bacteria B Viruses
C Archaea D Algae
- ii. What group of microorganisms has a variety of internal cell compartments and where some members act as decomposers?
A Bacteria B Viruses
C Archaea D Fungi
- iii. Naked seed plants or plants with unprotected seeds are known as
A Angiosperms B Gymnosperms
C Both of the above D None of the above
- iv. True flowering plants are known as
A Angiosperms B Gymnosperms
C Archaea D All of the above
- v. Sponges are included in the phylum
A Annelida B Echinodermata
C Porifera D Mollusca
- vi. Phylum Annelida includes
A Earthworms B Sandworms
C Leeches D All of the above
- vii. Microbes found in hot springs are
A Thermophiles B Helophites
C Psychrotrophs D Hydrophytes
- viii. Plants of dry habitats are called as
A Hydrophytes B Helophites
C Xerophytes D Mesophytes

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Section-B: Descriptive Type Questions (Short Type)

Q2: Answer all the Questions (8 x 4 =32)

- i. What are prokaryotes?
- ii. List few characteristics of protists
- iii. Write a short note on seedless plants.
- iv. Write down few points on importance of plants.
- v. Write down some of the characteristics of sponges or flatworms.
- vi. List out some of the characteristics of arthropods or molluscs.
- vii. What are thermophiles?
- viii. Write a short note on psychrophiles or acidophiles.

Section – C: Descriptive Type Questions (Medium Type)

Answer all the questions: (4 x 7=28)

Q3. What are the general characteristics of fungi?

OR

What are the general characteristics of Eukaryotes?

Q4. Write a brief note on plant kingdom?

OR

Write down briefly the general characteristics of gymnosperms.

Q5. What are the various features of the animal kingdom?

OR

Write various characteristics of annelids or chordates?

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Q6. Write briefly about some types of plant adaptations.

OR

Discuss briefly some types of animal adaptations.

Section – D: Descriptive Type Questions (Long Type)

Answer any two of the following: (2 x 14=28)

Q7. What are microorganisms? Write in detail about the importance of microorganisms.

Q8. Write an elaborate note on general characteristics of angiosperms.

Q9. What are the various characteristics of vertebrates?

Q10. Write a detailed note on adaptations.