

Seat No. : _____

JD-118
January-2016
B.Sc., Sem.- I
CC-3 – Paper-101 : Environmental
(Life at a Glance)

Time : 3 Hours]

[Max. Marks : 70

1. Answer the following : (any **two**) **14**
- (1) Describe Miller's experiment and its relevance to describe origin of life.
 - (2) How chloroplast helped evolution of Eukaryotes ?
 - (3) Write a brief note on Levels of Organization.
 - (4) Explain the concept of Cell-differentiation.
2. Answer the following : (any **two**) **14**
- (1) Explain root, stem and leaves as a plant body organization.
 - (2) Describe primitive plants Bryophytes.
 - (3) Explain mechanism for plant adaptation to land.
 - (4) Explain primary and secondary plant growth in detail.
3. Answer the following : (any **two**) **14**
- (1) Explain the outline of kingdom Animalia.
 - (2) Summarize evolution of animals.
 - (3) Explain energy requirements in kingdom Animalia.
 - (4) Discuss a brief note on tissues and coordination in kingdom Animalia.
4. Answer the following : (any **two**) **14**
- (1) Describe general characteristics of Prions.
 - (2) Give the economic importance of Fungi.
 - (3) Write a short note on Barophiles.
 - (4) Discuss the Asexual reproduction in algae.

5. Write any **seven** :

14

- (1) List out the types of tissues in animals.
 - (2) Define the term Phycology.
 - (3) Give two examples of Protozoa.
 - (4) Define Bacteriophage and give two names.
 - (5) How organs are coordinated in animals ?
 - (6) Name two members of the phylum Reptilia.
 - (7) How tissues are coordinated in animals ?
 - (8) Give the example of Gymnosperm.
 - (9) Give the full form of CJD and BSE.
 - (10) Define Thallus.
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