

B.ARCH
(SEM- I) THEORY EXAMINATION 2018-19
ECOLOGY AND ENVIRONMENT

Time: 3 Hours

Total Marks: 50

Note: 1. Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

1. Attempt any *five* questions in brief. 2 x 5 = 10

- a. Define Ecology and Ecosystem?
- b. Different parts of Atmosphere Diagram?
- c. Define Humidity?
- d. Define Precipitation?
- e. Deforestation Effects?
- f. Define Food chain with diagram?
- g. Define Acid Rain?

SECTION B

2. Attempt any *three* of the following: 5 x 3 = 15

- a. What is Ecological Pyramid? Define various ecological pyramids with diagram?
- b. Define "GREEN HOUSE EFFECT" and "GLOBAL WARMING" ?
- c. Explain Ecological Succession with neat sketches?
- d. Classified the various types of Ecosystem in nature? Explain any one in detail.
- e. Define Nitrogen Cycle?

SECTION C

3. Attempt any *two* of the following: 12.5 x 2 = 25

- (a) Explain Water Pollution? Name different types of water pollution? Explain any one of it.
- (b) How the Ozone is formed in nature? Explain function of Ozone layer and Ozone layer depletion?
- (c) Short notes of the following:
 - i. Noise pollution
 - ii. Structure of Ecosystem
 - iii. Soil Depletion
 - iv. Hydrological cycle