

Roll No.

Total No. of Questions : 5]
(2111)

[Total No. of Printed Pages : 4

**BCA (CBCS) RUSA Ist Semester
Examination**

4574

ENVIRONMENTAL SCIENCE

[Common with BBA (Old Syllabus)]

BA/BSC/BCOM/01/02/03/ENVSC

Time : 3 Hours]

[Maximum Marks : 100

Note :- Question paper is divided into five Sections namely :
A, B, C, D and E. Section A is compulsory.
Attempt all questions of Section A and *one* question
each from B, C, D and E.

Section-A

(Compulsory Question)

Part-I

1. (A) Choose the correct option :

(i) Who was first to use the term
'Environment' ?

- | | |
|----------------|---------------|
| (a) T. Carlile | (b) C. Darwin |
| (c) Fairchild | (d) Gilbert |

C-576

(1)

Turn Over

- (ii) Main components of environment are :
- (a) Biotic (b) Abiotic
 - (c) Both (a) and (b) (d) None of these
- (iii) World Water Day is celebrated on :
- (a) 22nd February (b) 22nd March
 - (c) 22nd April (d) 22nd May
- (iv) In which part of environment men grow crops ?
- (a) Atmosphere (b) Hydrosphere
 - (c) Lithosphere (d) None of these
- (v) Which of the following is not cause of soil pollution ?
- (a) Acidic rain (b) Waste of houses
 - (c) Industrial waste (d) Moonlight
- (vi) Ever increasing temperature of the globe is called :
- (a) Soil erosion (b) Tower warming
 - (c) Global warming (d) Ozone layer
- (vii) World Environment Day is celebrated on :
- (a) 5th March (b) 5th April
 - (c) 5th May (d) 5th June

(viii) Which of the following is included in biotic components of Ecosystem ?

- (a) Producers (b) Consumers
(c) Decomposers (d) All of these

(ix) International Ozone Layer Protection Day is celebrated on :

- (a) 16th August (b) 16th September
(c) 16th October (d) 16th November

(x) How much per cent of earth has water ?

- (a) 51% (b) 61%
(c) 71% (d) 81% $1 \times 10 = 10$

Part-II

(B) Answer each of the following in about 100 words :

- (i) Physical Environment
(ii) Renewable Energy Source
(iii) Global Warming
(iv) Acidic Rain
(v) Marine Pollution

$4 \times 5 = 20$

Section-B

17½

2. Define environment and discuss the types of environment.

Or

Discuss the scope and importance of environmental study.

Section-C

17½

3. What is Natural Resources ? Discuss different natural resources.

Or

Discuss in detail the renewable and non-renewable resources.

Section-D

17½

4. What is Ecosystem ? Discuss the different components of ecosystem.

Or

Discuss the meaning and emergence of environmental consciousness in human society.

Section-E

17½

5. What is Air Pollution ? What are its causes ? Suggest ways to control air pollution.

Or

Discuss the meaning and importance of Biodiversity.