

**CES COLLEGE OF ARTS AND COMMERCE, CUNCOLIM**

**Semester End Examination,**

**F.Y.B.A. 'B'**

**Semester-II, April 2018**

**Environmental Studies**

Duration: 2 hours

Time: 10.00 am to 12.00 pm

Maximum Marks: 80

Date: 11/04/2018

Instruction: 1. All question are compulsory.

2. Figures to the right indicate full marks.

3. Draw the figure wherever necessary.

**Q. 1) Answer ANY FOUR of the following questions in brief (in four to five sentences) {4x4=16}**

- i. Distinguish between food chain & food web.
- ii. What are the causes of HIV/AIDS?
- iii. Benefits of Biodiversity.
- iv. What is bio magnification?
- v. Define ozone. What is it use?
- vi. Highlight any four key role of M C Mehta in Environment protection.

**Q. 2. Discuss ANY FOUR of the following situation in the views of environmental managers and give best possible solution. (In four/five sentences) {4x4=16}**

- i. Water security is recognized as one of the great challenges of the 21<sup>st</sup> century.
- ii. "Poverty is the biggest polluter", Chipko told Indians and the rest of the world that it is the poor who suffer the most when the environment degrades.
- iii. Sacred groves occupy 1% of the total forest area, but generate greater ecosystem services as they are present in all biogeographic regions.
- iv. Open defecation is turning out to be the biggest obstacle in the cleanliness.
- v. Loss of biodiversity raises the ethical question of human responsibility to protect plants and animals.
- vi. Deeper country-wide analysis shows that India is at the highest risk. The number of premature deaths due to PM 2.5 in India is second highest in the world.

**Q. 3. Answer the following questions. (6\*2=12)**

A) With reference to river ecosystems discuss features, functions and threats. (06)

**(OR)**

A) Evaluate critically the significance of producer, consumer, scavengers, and decomposers. (06)

B) Explain environmental effects of extracting and using mineral resources. Case study. (06)

**Q. 4. Answer the following questions. (6\*2=12)**

A) Discuss India as Mega diversity nation at global level. Case study of hot spots in India. (06)

**OR**

A) Explain in detail the process of Global warming and its impact on our earth. (06)

B) Define term pollution and discuss causes and consequences of air pollution in India. (06)

P.T.O.

Q.5. Answer the following questions.

A) Explain how effective watershed management measures are undertaken for dry regions. (6\*2=12)

OR

A) Give detail note of growth of world population and its effect on environment. (6)

B) Field visit/ report. (6)

Q.6. Answer the following questions.

A) Explain the role of information technology in environment and health management. (6\*2=12)

OR

A) 'Nature tourism is definitely booming'. Explain how natural, social and cultural resources applied to make 'tourism product' more successful. (6)

B) Field visit/ report. (6)