

B COM
Second Semester
ENVIRONMENTAL STUDIES
(BCM - 06)

Duration: 3Hrs.

Full Marks: 70

PART A (Objective) =20
PART-B (Descriptive)=50

PART-B (Descriptive)

Answer any four from *Question no. 2 to 8*
Question no. 1 is compulsory.

Duration: 2 hrs. 40 mins.

Marks: 50

1. Answer the following questions (any five):

2×5=10

- a) What is meant by hydrosphere?
- b) What is family welfare programme?
- c) Distinguish between renewable and non-renewable sources of energy with suitable examples.
- d) What is secondary pollutant? Give one example of Secondary pollutant.
- e) Distinguish between sound, noise and noise pollution.
- f) Mention the four biodiversity hotspots present in India.
- g) What is climate change?

2. Answer the following questions (any five):

3×5=15

- a) What are the causes of HIV/AIDS and how it can be prevented?
- b) What are the importance of food-chains and food-webs in an Ecosystem?
- c) Discuss briefly about causes and effects of Eutrophication.
- d) Write a short note on ecological values of biodiversity.

- e) "Population explosion threatens the global environmental balance". Justify the statement.
- f) Why Environmental science is called multidisciplinary subject? Explain.
- g) Write a short note on ozone layer depletion.

3. Answer the following questions (any five):

5×5=25

- a) What is biogeochemical cycle? Explain the Carbon cycle with proper diagram.
- b) Write a short note on wasteland reclamation process.
- c) Write a short note on biogeographical region of India.
- d) Discuss the causes and effects of air pollution.
- e) Write a short note on ecological succession.
- f) What is green house effect? Discuss the importance of green house effects to the planet earth.
- g) Explain the necessity of Environmental Impact Assessment.

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Duration: 20 minutes

Marks – 20

PART-A (Objective)

Time: 20 mins

Total Marks: 20

I. Choose the correct option:

1×20=20

1. The food chain in an ecosystem helps to maintain
 - a. the feeding relationship in nature, thus biodiversity
 - b. flow of energy in the ecosystem
 - c. passage of nutrients in the ecosystem
 - d. all of the above
2. The graphical representation of an organism position as well as function at successive trophic level is called
 - a. food chain
 - b. food web
 - c. ecological pyramid
 - d. biogeochemical cycle
3. Energy flow in ecosystem is always-
 - a. unidirectional
 - b. same
 - c. opposite
 - d. from top consumer to producer
4. Botanical garden is an example of –
 - a. In-situ conservation
 - b. Ex- situ conservation
 - c. both 'a' and 'b'
 - d. none of the above
5. Which of the following is not a renewable resource?
 - a. Coal
 - b. Wind power
 - c. Geothermal energy
 - d. Dendrothermal energy
6. When a particular species is confined to an area, that species is known as –
 - a. Endangered
 - b. Flagship
 - c. Critically endangered
 - d. Endemic
7. The equitable use of resources is necessary for _____.
 - a. sustainable development
 - b. better life style for all
 - c. to sustain natural wealth
 - d. all of the above
8. The primary objective of Environmental study is to _____.
 - a. generate an environmental friendly mindset among all classes of people.
 - b. enjoy economic growth at the coast of quality of human life.
 - c. realize the value of biodiversity by increased environmental ethics among all classes of people.
 - d. get a holistic view for the sustenance of life on the earth on an infinite scale.
9. Environment day is celebrated on
 - a. 23 July
 - b. 10 May
 - c. 5 June
 - d. 10 December
10. Wild life protection act was enacted in the year
 - a. 1972
 - b. 2002
 - c. 1982
 - d. 2000
11. HIV/AIDS can be transmitted through
 - a. using cloths of aids infected person.
 - b. having foods with infected person.
 - c. using infected blood.
 - d. none of the above.
12. The Ozone layer protects us from harmful –
 - a. X- ray
 - b. Gamma Ray
 - c. UV-Ray
 - d. Heat wave
13. Prevention, mitigation, preparedness and relief are _____.
 - a. principles of pollution prevention.
 - b. objectives of hazardous waste management.
 - c. the essence of disaster management.
 - d. modes to combat exploitation of natural resources.
14. The effect of DDT is pronounced even after _____.
 - a. 5 years
 - b. 10 years
 - c. 15 years
 - d. 30 years



University of Science and Technology, Meghalaya

Date Stamp: _____

15. When a particular species is confined to an area, that species is known as –

- a. Endangered
b. Flagship
c. Critically endangered
d. Endemic

16. CBD is

- a. Centre for Biodiversity Study
b. Central Biodiversity Authority
c. Convention on Biological Diversity
d. Convention on Biological Diversity Management

17. The Taj Mahal at Agra is affected by _____.

- a. stone disease
b. stone cancer
c. stone tumour
d. marble cancer

18. Which of the following is not a biosphere reserve of India?

- a. Sundarbans
b. Great Nicobar
c. Periyar National Park
d. Manas National Park

19. Which of the following is not a biodiversity hotspot?

- a. Sundarland
b. Indo-Burma
c. Western Ghat
d. Gangatic plain

20. Which of the following is not a woman welfare programme?

- a. Establishment of a self-reliant women's self-help group.
b. Conducting workshop on mother and child care.
c. Conducting medical awareness camps on health aspect of women.
d. All of the above.

SESSION 2016-17
COURSE _____ PAPER Code: _____
NAME OF THE PAPER: _____
SEMESTER _____

Instructions to Candidates

- 1. This answer booklet has 4 pages. Please check before writing whether it is complete or in good condition.
2. Do not write your name anywhere in the answer booklet.
3. Write legibly on both sides of the paper
4. You may use some space for any rough notes or calculation on the answer booklet if you need. These rough notes, calculations must be scored out before submitting the answer booklet.
5. Do not bring any book or loose paper in the examination hall.
6. Do not tear any page from the answer booklet.
7. Do not write anything on the question paper or blotting paper or any pieces of paper while you are in the examination hall.
8. Any act of indiscipline or misbehavior in the examination hall will result in your expulsion.
9. No examinee is allowed to leave the examination hall until 30 minutes lapse after the commencement of the examination.
10. Additional answer sheet will be supplied after the main answer booklet is completed.

For Objective Type Questions

Page No. Marks

Total

For Descriptive Type Questions

Question No. Marks

Total

Grand Total

Session: 2016-17

Course _____

Roll No. _____

Enrollment No. _____

Semester _____

Name of the Paper _____

Paper Code _____

Scrutinizer's Signature

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