

Reg. No. :

Name :

Second Semester B.Sc./B.C.A. Degree Examination, May 2019

Career Related FDP Under CBCSS

Group 2 (b) — Computer Science/Computer Applications

CS 1221/CP 1241 — ENVIRONMENTAL STUDIES

(2015-2017 Admissions)

Time : 3 Hours

Max. Marks : 80

SECTION – A

Very Short Answer type. One word to maximum of 1 sentences,
Answer all questions :

1. What do you mean by food chain?
2. What are secondary pollutants?
3. Define biodiversity.
4. Name any two endemic species of mammals of Western Ghats.
5. What is point source pollution?
6. Expand (a) UNEP (b) CBD.
7. World Wetland Day is celebrating on _____ of every year.
8. Name any two biodiversity hotspots of Asian region.

P.T.O.

9. _____ disease is caused by lead (Pb).
10. What do you mean by invasive alien species?

(10 × 1 = 10)

SECTION – B

(Short answer not to exceed one paragraph, Answer any eight ques
Each question carries 2 marks.)

11. Write a note on human rights.
12. Briefly explain about relevance of value based education.
13. What is an ecological foot print?
14. Explain the consumptive values of biodiversity.
15. Write about the energy flow in ecosystem.
16. What do you mean by biodiversity hotspot?
17. Write a note on family welfare programme.
18. Which are the natural causes of water pollution?
19. Briefly explain about sustainable consumption.
20. What do you mean anaerobic composting?
21. What is nuclear holocaust?
22. Explain about three "R's in MSW.

(8 × 2 = 16 Marks)

SECTION - C

Short essay not to exceed one paragraph, Answer any six questions.
Each question carries 4 marks)

23. Write a note on ozone depletion and its effects.
24. Briefly explain about renewable and non renewable energy sources.
25. Write a note on rainwater harvesting.
26. How individual can play in the conservation of environment?
27. Critically analyse the causes and remedial measures for human wildlife conflict.
28. Explain about the waste land reclamation and its significance.
29. Briefly explain about energy flow in ecosystems with suitable illustrations.
30. Explain the comment 'without biodiversity conservation, people cannot live on earth.'
31. Write about the social issues of urban development.

(6 × 4 = 24 Marks)

SECTION - D

Long essay Answer any two questions. Each question carries 15 marks)

32. Write an essay on watershed management and its significance with suitable examples.
33. Explain about the global warming and its consequent effects.
34. Explain the role of biodiversity conservation for the well being of people with suitable examples.
35. Discuss about the solid waste management and its significance to the current world.

(2 × 15 = 30 Marks)

(Pages : 3)

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Reg. No. :

Name :

Second Semester B.A./B.Sc. Degree Examination, May 2019

First Degree Programme Under CBCSS

English Language

Language Course III

EN 1211.1 : ENVIRONMENTAL STUDIES

(2015 Admission Onwards)

Time : 3 Hours

Max. Marks : 80

I Answer all the questions, each in a word or sentence

1. What are the four dynamic constituents of environment?
2. Name the two broad categories of natural resources?
3. What is the function of the ozone layer?
4. What is the theme of "The Poplar-Field"?
5. Define the term ecosystem.
6. What is chemosynthesis?
7. Expand WHO.
8. When was the wildlife protection act passed?
9. Expand EIA.
10. What is the objective of deep ecology?

(10 × 1 = 10 Marks)

P.T.O.

II Answer any eight questions, each in a short paragraph not exceeding hundred words

11. Explain the term sustainable development.
12. What does Chief Seattle say about rivers?
13. Explain the role of the youth in the conservation of environment.
14. Examine the concept of ecocriticism.
15. Write a note on vermicomposting.
16. Give a brief description about biodiversity hotspots.
17. Explain watershed management.
18. Describe the efforts of United Nations to protect human rights.
19. Write a short note on rainwater harvesting.
20. Explain the various factors that have led to the rapid growth in human population.
21. Elaborate on the concept of anthropocentrism.
22. Describe the bleak nature in Thomas Hardy's "The Darkling Thrush."

(8 × 2 = 16 Marks)

III Answer any six questions, each in a short paragraph not exceeding hundred words

23. Explain the critical environmental issues that affect Kerala.
24. How does Chief Seattle assert that man is an integral part of human nature?
25. Describe the various spheres of earth?
26. Discuss the problem of soil pollution.

27. Write a note on the environmental significance of Western Ghats.
28. Explain the importance of preserving biodiversity.
29. Write a note on the Environmental Protection Act.
30. Discuss the family welfare programmes initiated by the Government of India.
31. Explain the major water conservation strategies.

(6 × 4 = 24 Marks)

IV Answer any two questions in three hundred words

32. Describe the significance and multidisciplinary nature of environmental studies.
33. Analyse Issac Asimov's views on human population and environment.
34. Examine Shashi Tharoor's opinion regarding the ecological consciousness of Indians
35. Discuss the causes and effects of air pollution and the effective strategies that can be adopted to control pollution.

(2 × 15 = 30 Marks)



Reg. No. :

Name :

Second Semester B.Sc./B.C.A. Degree Examination, July 2017
Career Related FDP Under CBCSS
Group 2(b) : Computer Science/BCA
CS 1221/CP 1241 : ENVIRONMENTAL STUDIES
(2015 Admission)

Time : 3 Hours

Max. Marks : 80

SECTION – A

(Very Short Answer type)

One word to maximum of one sentences. Answer all questions. (10×1=10 Marks)

1. What is ecological succession ?
2. Name the first National Parks in India.
3. Brundtland Commission report is known as
4. Name any two invasive species in India.
5. What is ecotone ?
6. What do you mean by endangered species ?
7. Environmental Protection Act enacted on _____
8. The Convention on Biological Diversity (CBD) held at _____ on _____
9. World Water Day is celebrating on _____ of every year.
10. The highest per capita emitter of Carbon dioxide in the world is _____

P.T.O.

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SECTION - B
(Short Answer)

Not to exceed one paragraph. Answer any eight questions. Each question carries two marks. (8x2=16)

11. What is value based education ?
12. Explain the role of afforestation in waste land reclamation.
13. Write a note on abiotic factors of an ecosystem.
14. Explain about the energy flow in ecosystem.
15. What do you mean by carbon footprint ?
16. Differentiate the levels of biodiversity with examples.
17. Write a note on solar energy.
18. Which are the anthropogenic sources of soil pollution ?
19. Briefly explain the environmental ethics.
20. What do you mean by Invasive Alien Species ?
21. Differentiate between food web and food chain.
22. Explain about industrial waste management.

SECTION - C
(Short Essay)

Not to exceed 120 words. Answer any six questions. Each question carries four marks. (6x4=24 Marks)

23. Write a note on nuclear holocaust.
24. Write a note on the legal aspects of biodiversity conservation in India.
25. Briefly explain the main causative factors of habitat loss.
26. Briefly narrate about watershed based water conservation.



27. Explain how human rights enable the protection of environment.
28. Describe the impacts of noise pollution.
29. Briefly explain about the biodiversity of Kerala.
30. Write a note on poaching of wildlife and its consequences.
31. Write a note on Urban Solid Waste Management.

SECTION - D
(Long Essay)

Answer **any two** questions. Each question carries 15 marks.

(2×15=30 Marks)

32. Explain about Sustainable Development.
 33. Write an essay on Solid waste management with suitable examples.
 34. Explain about the causes and impacts of air pollution.
 35. Briefly explain about renewable and non-renewable natural resources with suitable examples.
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Reg. No. :

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Second Semester B.C.A./B.Sc. Degree Examination, May 2019

CAREER RELATED FDP UNDER CBCSS

Group 2(b) – Computer Science/Computer Applications

CP 1241/CS 1221 : ENVIRONMENTAL STUDIES

(2018 Admission)

Time : 3 Hours

Max. Marks : 80

SECTION – A (Very Short Answer Type)

One word to maximum of **one** sentences, Answer **all** questions. Each question carries **1** mark.

1. Define Ecosystem. ✓
2. A _____ is a bund constructed of stone and wrapped in galvanized chain link.
3. What is acid rain? ✓
4. _____ was the first State in India to regulate the manufacture and use of plastics.
5. What is pollution? ✓
6. Define 'loading' with respect to sprinklers.
7. _____ is the primary energy source in our lives.

P.T.O.

8. Who is the father of Nuclear Power development in India? ✓
9. _____ is a building block of both plant and animal tissues.
10. _____ is the worlds single largest contributor of green house

(10 × 1)

SECTION – B (Short Answer)

Not to exceed one paragraph, Answer any **eight** questions. Each ques
2 marks.

11. Discuss the role of an individual in the conservation of natural resources.
12. What is soil erosion? How does it affect the food production? ✓
13. Discuss the use of automatic sprinkler system. What are its basic parts?
14. What is In-Situ conservation? ✓
15. From an ecological perspective, how are pollutants classified? Give example
16. List the four fundamental noise control techniques. ✓
17. Describe the 3Rs principle in waste management. ✓
18. Describe Human development index. ✓
19. Write about the energy cycle. ✓
20. What is aquatic ecosystem? ✓
21. What is biological prospecting? ✓
22. Write notes on Chipko Silent Valley movement. ✓

(8 × 2 = 16 Marks)

G - 2639

SECTION – C (Short Essay)

Not exceeding 120 words, answer any **six** questions. Each question carries 4 marks.

23. Write about Indias Biogeographic Zones.
24. Describe the control measures for air pollution.
25. What are the adverse effects of global warming?
26. Explain Vermi Composting.
27. Describe the mitigation policies and strategies to reduce the effects of cyclones.
28. Write about nuclear holocaust
29. Describe the control measures of urban and industrial wastes.
30. Write about the endemic and endangered species of India.
31. Describe the factors necessary when selecting an appropriate fire detection system.

(6 × 4 = 24 Marks)

SECTION – D (Long Essay)

Answer **any two** questions. Each question carries 15 marks.

32. Explain in detail about integrated treatment methods in soil and water conservation.
33. Briefly explain the causes of water pollution.
34. What is Biodiversity? Discuss the different levels of biological diversity.
35. Discuss in detail on the structure and functions of an ecosystem.

(2 × 15 = 30 Marks)