



Reg. No. :

Name :

First Semester B.Com. Degree Examination, December 2016

(First Degree Programme Under CBCSS)

ENVIRONMENTAL STUDIES

**(Common for Foundation Course – I : CO 1121/CX 1121/TT 1121/HM 1121
(2013, 2014 Adms.), CC 1121 (2014 Adm.) and Core Course – I – CO 1141/
CX 1141/TT 1141/HM 1141/CC 1141 (2015 Adm.))**

Time : 3 Hours

Max. Marks : 80

SECTION – A

(Very Short Answer Type)

I. Answer **all** questions (**One** word or **one** sentence). Marks – **1 each**.

- 1) The complex network of interconnected food chains.
- 2) When is the World Environmental Day celebrated annually ?
- 3) The author of book “Silent Spring”.
- 4) Define environment.
- 5) Name two green house gases.
- 6) Define an ecosystem.
- 7) What is biodiversity ?
- 8) What is ecology ?
- 9) What is a natural resource ?
- 10) “Earth provides enough to satisfy every man’s need, but not for every man’s greed” words by whom ? **(10×1=10 Marks)**



SECTION – B

(Short Answer Type)

II. Answer **any 8** questions. Marks – **2 each**.

- 11) Differentiate consumers and producers.
- 12) What is thermal pollution ?
- 13) What is an ecological pyramid ?
- 14) Briefly explain global warming and its consequences.
- 15) What is deforestation ? Give the effects of deforestation.
- 16) Write short notes on human rights.
- 17) What is meant by sustainable development ?
- 18) Differentiate food chain and food web.
- 19) What are the three R's of Waste management ?
- 20) Briefly describe the energy flow in the ecosystem.
- 21) Being a graduate student, how will you enlist the importance of environmental studies ?
- 22) What is rain water harvesting ?

(8×2=16 Marks)

SECTION – C

(Short Essay Type not to exceed 120 words)

III. Answer **any 6** questions. Marks – **4 each**.

- 23) How the environmental problems are related to population growth ?
- 24) Name four segments of environment and explain them in brief.
- 25) What is the importance of ozone layer in the atmosphere ? How do greenhouse gases affect atmosphere ?
- 26) Explain the structure and functions of an ecosystem.
- 27) Describe the need and importance of value of education.



- 28) What do you mean by environmental ethics ? How can you relate the ethical basis to environmental education and awareness ?
- 29) Explain briefly the environmental problems of Kerala.
- 30) Explain the different types of aquatic ecosystems. What are the threats to aquatic ecosystems ?
- 31) Describe the various types of solid wastes. **(6×4=24 Marks)**

SECTION - D
(Long Essay Type)

IV. Answer **any 2** questions. Marks – **15 each**.

- 32) Write an essay on different types of environmental pollution.
- 33) Write an essay on natural resources.
- 34) What is a forest ecosystem ? Describe the structure and functions of forest ecosystem.
- 35) Write an essay on biodiversity, value of biodiversity and its conservation. **(2×15=30 Marks)**