Reg. No. : .....

(Pages : 3)

B – 3107

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

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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)

P.T.O.

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)**

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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)

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