|||||| (barcode) **M 7012**

Reg. No. : ....

Name : ....

V Semester B.A. Degree (CCSS – Reg./Supple./Imp.) Examination, November 2014
CORE COURSE IN ECONOMICS/DEVELOPMENT ECONOMICS
5B11ECO : Environmental Economics
(2011 and Earlier Admissions)

Time : 3 Hours   Max. Weightage : 30

*Instruction : Answer may be written in **English** or in **Malayalam**.*

PART – A

Objective type Questions (in bunches of **two**)

Choose the **correct** answer.

1. Air pollution is primarily a bi-product of

   a) Organic farming   b) Deforestation

   c) Energy consumption   d) Water consumption

2. The maximum amount of a pollutant that is permitted to be discharged from a single polluting source over a period of time is

   a) Emission standard   b) Effluent fee

   c) Pigovian fee   d) None of these

3. The most popular definition of sustainable development was given by

   a) UNDP   b) Brundtland Report

   c) World Conservation Strategy   d) UNEP

4. The aquatic ecosystem relates to

   a) Deserts   b) Mountains

   c) Forests   d) Freshwater   **(Weightage : 1)**

P.T.O.

5. The extraction cost rule is associated with

  a) Harrold Hotelling   b) Garret Hardin

  c) Malthus   d) Kenneth Boulding

6. Emission tax was suggested by

  a) A.C. Pigou   b) Alfred Marshall

  c) Ronald Coase   d) Charles Kolstad

7. Environmental Impact Assessment was first introduced in _____

  a) United Kingdom   b) USA

  c) Japan   d) China

8. Environmental economics is considered

  a) As positive science

  b) As normative science

  c) Both as positive and normative science

  d) Science   **(Weightage : 1)**

PART – B

Short answer questions. Answer **any ten** of the following questions **not** exceeding 50 words **each**. **Each** question carries 1 weightage.

9. Write a note on ozone layer depletion.

10. Briefly explain the causes of water pollution.

11. Discuss the three components of sustainable development.

12. What is afforestation ?

13. What do you mean by resource management ?

14. Explain pecuniary externality with an example.

15. Write a note on renewable resources.

16. What is acid rain ?

17. Write a short note on Montreal protocol.

18. Explain the characteristics of a public good.

19. Define environmental economics.

20. Write a note on noise pollution.   **(10×1=10)**

PART – C
(Short Essay)

Answer **any five not** exceeding 150 words **each**. **Each** question carries 2 weightage.

21. Write a note on earth summit.

22. Write a note on resources management.

23. Write a note on production externality.

24. Define ecology.

25. Write a note on thermal pollution.

26. Write a note on Pigovian fee.

27. Write a note on solid waste management.   **(5×2=10)**

PART – D
(Long Essay)

Answer **any two** questions **not** exceeding 450 words. **Each** question carries 4 weightage.

28. What do you mean by environmental management ? What are its principles ?

29. Environmental quality is a public good. Discuss.

30. Discuss the relationship between environment and the economy.

31. Define environmental economics. Explain its nature and scope.   **(2×4=8)**

——————————