

PARUL UNIVERSITY
FACULTY OF ARTS
B.A. Summer 2018 – 19 Examination

Semester:6

Subject Code: 15101353

Subject Name: Environmental and Natural Resource Economics

Date: 16/04/2019

Time: 10:30 am to 01:00 pm

Total Marks: 60

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

Q.1 Do as directed.**(08)****A. Multiple choice type questions. (Each of 0.5 mark)**

1. **Pareto Optimality is a theory conceptualized by?**
 - a. Vilfredo Pareto
 - b. Alexander Pareto
 - c. John M. Keynes
 - d. Adam Smith
2. **Coase Theorem was given by?**
 - a. Ronald H. Coase
 - b. Ragnar Nurkse
 - c. Milton Friedman
 - d. Robert F. Coase
3. **Which are the type of Goods that cannot separate another person from using it?**
 - a. Non-excludable
 - b. No rivalrous
 - c. Soft goods
 - d. Imported goods
4. **Diamond is expensive than Water because it is?**
 - a. Beautiful
 - b. Scarce
 - c. More important
 - d. Real Wealth
5. **Which among the following are the prime causes of Industrial and domestic wastes?**
 - a. Water Pollution
 - b. Air Pollution
 - c. Both
 - d. None of them
6. **According to the assumptions Pareto Optimality model is a**
 - a. 2x2x2 model
 - b. 2 labour model
 - c. Free model
 - d. Neither of them
7. **We can restrict the exploitation of any resource by applying?**
 - a. Police Checking
 - b. Property Rights
 - c. Punishments
 - d. Request boards not to waste resources

8. **In competitive markets, prices reflect?**
 - a. Marginal Cost
 - b. Marginal Value
 - c. Both
 - d. None

9. **The most common forecasting technique for a specific site is?**
 - a. Hedonic Price Method
 - b. Delphi Method
 - c. Travel Cost method
 - d. Clawson- Knetsch-Hotelling method

10. **Who coined the term Social forestry?**
 - a. Jack Westoby
 - b. Charles Kolstad
 - c. John Keynes
 - d. William Nordhaus

11. **Ninth Commonwealth Forestry Conference in 1968 was held at?**
 - a. Mumbai
 - b. Delhi
 - c. Vadodara
 - d. New York

12. **‘Generating gainful employment to the rural poor through social forestry activities is an objective of social forestry envisaged by?’**
 - a. MCA
 - b. NCA
 - c. BBA
 - d. ILO

13. **Command and control is also called?**
 - a. Legal action
 - b. Direct Regulation
 - c. Commanding laws
 - d. Authoritarian rules

14. **Ozone layer holes can be seen with?**
 - a. NASA Sensors
 - b. Open eyes
 - c. Rocket
 - d. Satellite

15. **Which of them is not a renewable energy resource?**
 - a. Solar energy
 - b. Wind energy
 - c. Bio Gas
 - d. None of them

16. **Externalities occur when producing or consuming a good cause an impact on?**
 - a) Producer
 - b) Consumer
 - c) Government
 - d) Third Party

B. Terms/ Short notes/ Case study/ Charts/ Graphs/ Tables, etc. (Each of 01 mark)

(07)

1. What is a missing market?
2. What is an externality?
3. What is Total Economic Value (TEV)
4. What are renewable resources?
5. What are exhaustible resources?
6. Why is there need of environmental regulation ?
7. What is free rider problem?

Q.2 Answer the following.

A. Explain the linkage between Environment and Economy (04)

B. What are command and control instruments of environment protection? (04)

C. How Energy use can have bad impact on health? (04)

OR

C. Discuss 3 conditions of Pareto Optimality (04)

Q.3 Answer the following.

A. What are the causes of Environmental Degradation? (05)

B. What is travel cost method? (05)

C. Discuss various sustainability issues in present times. (05)

OR

C. Discuss various types of externalities in detail. (05)

Q.4 Answer the following.

A. What is instrumental value, option value and existence value? (06)

B. What is Social Forestry? Discuss in detail. (06)

C. What are the effects of environmental degradation? (06)

OR

C. Explain any two: (06)

1. free rider problem
2. asymmetric information
3. efficiency in production