

12th Economics Lesson 8 Questions in English

8] Environmental Economics

1. Name the study of interactions between human economic activity and the environment?

- a) Economics Ecology
- b) Environmental Studies
- c) Environmental Sociology
- d) Environmental Economics

2. Choose the correct statements.

i) Environmental Economics is a part of economics concerned with the allocation of Environmental resources.

ii) Environment provides an indirect value for economic activity.

- a) i only
- b) ii only
- c) Both i and ii
- d) Neither i nor ii

3. Which of these issues are not dealt with the Environmental economics?

- a) Pollution Control
- b) Waste Management
- c) Environmental Guidelines to Industries
- d) Valuation of Natural Resources

4. What is the objective of the Environmental Economics?

- a) To promote environmental protection activities.
- b) To improve the economics globally considering the environmental policies.
- c) Identify tools and policies for the most efficient allocation of natural resources.
- d) Maximum usage of natural resources.

5. State the origin of the word Environment?

- a) French
- b) Arabian
- c) Roman
- d) Latin

6. Assertion (A): The Goal of the EE is to balance the economic activity and the environment impacts.

Reasoning (R): Environmental Economics recognizes the value of both the environment and economics.

a) Both A and R is True and R is the correct explanation of A.

b) Both A and R is True but R is not the correct explanation of A.

c) A is False but R is True.

d) Both A and R is False.

7. Define Environmental Economics.

a) Environmental impacts of the economic activities.

b) Financial impact of environmental issues and policies.

c) Environment related Economic policies.

d) Utilizing natural resources for the economic development.

8. Choose the correct statements.

i) Environmental economics involves theoretical studies of the economic effects.

ii) The Economic effects include the national environmental policies around the world.

a) i only

b) ii only

c) Both i and ii

d) Neither i nor ii

9. Choose the Incorrect statements.

i) Ecosystem includes all living and non-living environments.

ii) The Non-living environments include earth, sun, soil and the climate.

iii) Ecosystems determine the financial development of the entire earth system.

a) i only

b) ii only

c) iii only

d) All the above

10. The Eco system includes,

a) Community

- b) Mobility
c) Resources
d) All the above
11. What are the aspects of economic system connected to Human life?
a) Social
b) Ethical
c) Philosophical
d) All the above
12. Who developed the Material Balanced Model?
a) Alenkneese and R.V. Ayres
b) Sir Edmund Hillary
c) Jerry A. Nathanson
d) Richard E. Berg
13. Which is considered as a balanced flow between the input and poutputs of the material balanced model?
a) Economic development factor
b) Total Natural Resources
c) Total Economic process
d) Economic impacts of Economic activity
14. Which property of the energy of environment is bestowed as inputs?
a) Physical Property
b) Chemical Property
c) Electrical Property
d) All the above
15. State the element in the feedback quantity in the Flow Diagram for Material Balance Approach.
a) Raw material
b) Final Residual Discharge from Production and Consumption
c) Residual Discharges from Consumption and Production
d) Recycles from Production and Consumption
16. State the law which depicts the Material Balance approaches?
a) Second Law of Thermodynamics
b) Newton's Law
c) First law of Thermodynamics
- d) Pascal's Law
17. Choose the correct statements.
i) The Flow diagram shows that the inputs and the outputs for every process are equal.
ii) All the resources extracted from the environment are utilized fully without any wastes.
a) i only
b) ii only
c) Both i and ii
d) Neither i nor ii
18. Assertion (A): The Energy and the materials are drawn from the environment.
Reasoning(R): Households wastes are returned back to the environment.
a) Both A and R is True and R is the correct explanation of A.
b) Both A and R is True but R is not the correct explanation of A.
c) A is False but R is True.
d) Both A and R is False.
19. What does G denotes in the Material Balance approach equation?
a) Consumption and Production Residual Discharges
b) Material and Energy Inflow from Natural World
c) Economic Activities of Goods and Service Production
d) Final Residual Discharge from Production and Consumption into Natural World
20. State the equation of economy-environment interlink age model?
a) $R = W_1 * W_2$
b) $F = W_1 + W_2$
c) $R = F + W_1$
d) $F = R * W_1 W_2$
21. Choose the Incorrect statements.
i) Environment is the supplier of renewable sources only.
ii) Households and firms are interconnected.

iii) Households and firms send residuals of consumption and production to nature.

- a) i only
- b) ii only
- c) iii only
- d) None of the above

22. Assertion (A): Earth has reached the saturation point and it is unable to cleanup waste forms.

Reasoning(R): Nature has a conditional power to assimilate all forms of waste.

- a) Both A and R is True and R is the correct explanation of A.
- b) Both A and R is True but R is not the correct explanation of A.
- c) A is True but R is False.
- d) Both A and R is False.

23. Which is not an environmental good?

- a) Clear air
- b) Green transport infrastructure
- c) Atmosphere
- d) Forests

24. What do the environmental goods focus on?

- a) Exploitation of ecological systems on economy
- b) Wellbeing of humans and other species
- c) Environment protection
- d) All the above

25. Assertion (A): Environmental quality is a relative measure to the requirements of species in the earth.

Reasoning(R): The properties of environment quality are either generalized or local.

- a) Both A and R is True and R is the correct explanation of A.
- b) Both A and R is True but R is not the correct explanation of A.
- c) A is False but R is True.
- d) Both A and R is False.

26. State the Reason for the decline in the environment quality?

- a) Cosmopolitan area

b) Increased Industrial development

c) Capitalistic mode of functioning

d) Pollution

27. What is the main Reason for the depletion of resources?

- a) Public goods
- b) Private industries
- c) Non-Environmental policies
- d) Global warming

28. Which are not included in the present National Income enumeration?

- a) Depletion of resources
- b) Nature contribution to GDP
- c) Both a and b
- d) None of the above

29. What is the Reason behind the market failures in the environmental economics?

- a) Industrial Pollution
- b) Negative Externalities
- c) Non-contribution to GDP
- d) Positive Externalities

30. Choose the Incorrect statements.

i) Externalities are the third party effects from the production and consumption of goods and services.

ii) Externalities occur inside the market which affects the people directly involved in the production and consumption.

iii) Externalities are also known as spill-over effects.

- a) i only
- b) ii only
- c) iii only
- d) All the above

31. What is the Reason behind the externalities?

- a) Interdependence between economic units
- b) Third party consumption
- c) Government policies
- d) None of the above

32. Define Externality.

a) Cost imposed by the consumption and production activities.

- b) It is imposed on people who are not directly involved.
c) No payment is made
d) All the above
33. The Externalities arise from _____ and consumption activities. There are _____ types of externalities.
a) Production, 2
b) Innovation, 3
c) Benefit, 5
d) Recycle, 4
34. Which is known as the negative production externality?
a) Private Security
b) Factory emissions
c) Beehive Pollination
d) Loudspeaker Noise
35. Hiring a private security is a _____ externality.
a) Negative Production Externalities
b) Negative Consumption Externalities
c) Positive Production Externality
d) Positive Consumption Externality
36. Which is an example of negative consumption externality?
a) Beehives in orchards
b) Person smoking cigar
c) Hiring a private security
d) Tanneries
37. Which of these are also known as the reciprocal untraded interdependency?
a) Positive Consumption externalities
b) Negative Production externalities
c) Negative Consumption externalities
d) Positive Production externalities
38. Who bears the uncompensated cost of the negative externalities?
a) Innocent People
b) Industry Management
c) The Government
d) All the above
39. What are the effects of pollution in the environment?
a) Toxicity increase
b) Ecosystem damage
c) Life damage
d) All the above
40. How many types of pollution are categorized?
a) 4
b) 5
c) 7
d) 9
41. When did the Prevention and pollution act was passed?
a) 1978
b) 1981
c) 1967
d) 1982
42. Choose the correct statements.
i) Indoor air pollution does not contain toxic contaminants.
ii) Outdoor air pollution sources are caused by the combustion process from motor vehicles.
a) i only
b) ii only
c) Both i and ii
d) Neither i nor ii
43. Which of the following is not the cause of air pollution?
a) Natural causes
b) Vehicle smoke
c) Industrial factories exhaust
d) Oil spill
44. Which of these causes the depletion of ozone layer in the atmosphere?
a) Nitrogen
b) Hydrogen
c) Chlorofluorocarbons
d) Ammonia
45. According to the WHO reports how many percentage of children are affected by the polluted air globally?

- a) 53%
b) 76%
c) 42%
d) 93%
46. Which is not a measure to control air pollution?
a) Decreasing the length of chimneys in industries.
b) Use of Non-conventional fuels
c) Grow more plants and trees
d) Usage of Mass transit system
47. In which year the United Nations defined the deleterious effects of living sources in the marine environment?
a) 1965
b) 1971
c) 1956
d) 1983
48. How many types of water pollution are characterized?
a) 3
b) 5
c) 4
d) 7
49. Which of these causes the microbiological pollution?
a) Micro-Organism
b) Toxins
c) Chemical Pesticides
d) Solid wastes
50. What are the causes of water pollution?
a) Oil spill
b) Dumping of solid wastes
c) Discharge of sewage and waste water
d) All the above
51. Which of these causes the acid rain?
a) Air Pollution
b) Atmospheric Pollution
c) Land Pollution
d) Water Pollution
52. Choose the correct statements regarding Eutrophication.
i) It is an increased level of nitrogen in water bodies.
ii) It depletes the oxygen level in the water.
iii) It does not affect the aquatic population.
a) i only
b) ii only
c) iii only
d) All the above
53. Assertion (A): Water pollution affects the health of living species and plants in the same way.
Reasoning(R): Polluted water is harmful for the agriculture as it affects the crops and soil fertility.
a) Both A and R is True and R is the correct explanation of A.
b) Both A and R is True but R is not the correct explanation of A.
c) A is False but R is True.
d) Both A and R is False.
54. On what basis the water pollution is varied in various locations?
a) Chemical concentration
b) Density of the affected species
c) Water level changes
d) Climatic conditions
55. Which of these water body areas are highly polluted?
a) Village
b) Urban areas
c) Cosmopolitan areas
d) Metropolitan areas
56. State the remedial measures to control water pollution.
a) Fossil fuel based power plants
b) Eutrophication
c) Construction and Agricultural activities
d) Comprehensive water management plan

57. Who defined the Noise pollution as unwanted or excessive sound that has deleterious effect on human health?
- a) Sir Edmund Hillary
 - b) Jerry A. Nathanson and Richard E. Berg
 - c) The Air (Prevention and Control of Pollution) Act, 1981
 - d) AlenKneese and R.V. Ayres
58. How many types of noise pollution are categorized?
- a) 4
 - b) 3
 - c) 7
 - d) 5
59. Which of this noise is associated with NIHL?
- a) Man made Noise
 - b) Industrial Noise
 - c) Atmospheric Noise
 - d) All the above
60. Which is a cause of Noise pollution?
- a) Nuclear waste
 - b) Poor urban planning
 - c) Deforestation
 - d) Acid rain
61. Which of these are the effects of unwanted noise?
- a) Aggression
 - b) Hypertension
 - c) Higher stress levels
 - d) All the above
62. Which of the following is a remedial measure to control Noise pollution?
- a) Decreasing nuclear waste
 - b) Regulating Loudspeakers and using noise barriers
 - c) Pesticides and Fertilizers usage
 - d) Mining activities
63. Which year Environment operations act defines land pollution as degradation of land due to waste disposal?
- a) 1973
 - b) 1997
 - c) 1992
 - d) 1987
64. What are the types of Land pollution?
- a) Deforestation
 - b) Pesticides and Fertilizers
 - c) Solid waste
 - d) All the above
65. Nuclear waste is a ____ of land pollution.
- a) Effect
 - b) Cause
 - c) Remedy
 - d) None of the above
66. What are the effects of Land pollution?
- a) Damage Physiological and Psychological health
 - b) Cardiovascular effects
 - c) Effects on aquatic animals
 - d) Air Pollution
67. Which of these is not a measure to control the Land pollution?
- a) Effective usage of pesticides
 - b) Reduce, Recycle and Reuse
 - c) Minimize the usage of Plastics
 - d) Biodegradable products usage
68. What is the average increase in temperature around the world over the last 100 years?
- a) 4.5°F
 - b) 0.75°C
 - c) 1.2°F
 - d) 0.55°C
69. Which is not a greenhouse gas?
- a) Helium
 - b) Carbon dioxide
 - c) Methane
 - d) Nitrous oxide
70. The CO₂ is the important _____ gas which contributes _____ of global warming.
- a) Natural, 25%
 - b) Green house, 50%
 - c) Volcanic, 65%
 - d) Atmospheric, 75%

71. Which of these are adversely affected by the Global warming?

- a) Agriculture
- b) Horticulture
- c) Eco system
- d) All the above

72. Which of these increased concentration in the atmosphere led to global warming?

- a) Carbon dioxide
- b) Oxygen
- c) Sulphur
- d) Nitrogen

73. Which of these is not the result of climate changes globally?

- a) Change in Rainfall patterns
- b) Warming of coastal waters
- c) Ozone layer depletion
- d) Sea level increase

74. Which of these acids causes the acid rain due to air pollution?

- a) Sulfuric Acid
- b) Nitric Acid
- c) Sulfurous Acid
- d) All the above

75. Which of these causes the acid rain process naturally?

- a) Volcanic eruptions
- b) Ozone depletion
- c) Cosmic radiation
- d) None of the above

76. Which of these is not a source of e-waste?

- a) Hospitals
- b) Signal Generators
- c) Tanning factories
- d) Fax / Xerox Machines

77. Which society byproduct is termed as e-waste?

- a) Cosmopolitan society
- b) InfoTech Society
- c) Rural society
- d) All the above

78. Choose the correct statements.

i) Solid waste is discharge of useless and unwarranted materials.

ii) Solid wastes consist of discards of households, hospital refuse, agricultural wastes and industrial wastes.

- a) i only
- b) ii only
- c) Both i and ii
- d) Neither i nor ii

79. Which is not a basic necessity of the people?

- a) Food
- b) Health care
- c) Employment
- d) Education

80. Define the concept of Inter-generation equity?

- a) Present Generation should not exhaust the past generation resources
- b) Past Generation resources must be fully utilized by the present generation
- c) The Present generation should leave the resources for the future generation.
- d) Both a and c

81. What concept was popularized by the World Commission on Environment and Development in the year 1987?

- a) Wildlife Protection
- b) Environmental Protection
- c) Sustainable Development
- d) Pollution Control

82. Which is focused for the alternative approach proposed by Markandya and Barbier?

- a) Natural Capital Assets
- b) Wildlife
- c) Climate control
- d) Industrial Development

83. Which are the core elements for Sustainable development goal?

- a) Economic Growth
- b) Social Inclusion
- c) Environmental protection

d) All the above

84. How many goals are set by United Nations for the world's future?

a) 17

b) 12

c) 10

d) 25

85. Which is not categorized under the goal for world's future by the United Nations?

a) Responsible Consumption and Production

b) New Life on Space

c) No Poverty

d) Industry, Innovation and Infrastructure

86. Choose the correct statements.

i) The political lobbying, citizen action and the consumer pressure bring the changes in the eco-friendly lifestyle.

ii) The developed countries are named as the polluters should control the pollution.

iii) The number of organizations and people across the globe are striving for sustainability is increasing nowadays.

a) i only

b) ii only

c) iii only

d) All the above

87. Organic farming does not rely on,

a) Animal manure

b) Synthetic fertilizer

c) Legumes

d) Organic waste

88. Which of these are improved by the Organic production?

a) Soil organisms

b) Livestock

c) People

d) All the above

89. Which of these is not a general principle of Organic farming?

a) Maintain long-term soil fertility

b) Improve productivity in agriculture

c) Resource recycling

d) Maintain biological diversity

90. Choose the Incorrect statements.

i) Only 20% of the irrigated land in India is affected by soil salinization problem.

ii) The salt accumulation in root zone results in complete loss of soil productivity.

iii) Problem Soils exist mainly in arid and semi-arid regions.

a) i only

b) ii only

c) iii only

d) All the above

91. Which of this Indian state does not predominantly contain the alkali soil?

a) Punjab

b) Orissa

c) Bihar

d) Uttar Pradesh

92. What are the main contributions of trees to the environment?

a) Improving air quality

b) Water conservation

c) Supporting Wildlife

d) All the above

93. Which is termed as the lungs of the earth?

a) Trees

b) Wildlife

c) Mountains

d) Ozone layer

94. How did the forests help to improve the replenishment of the water table?

a) Improves the Ozone layer function

b) Decreases the soil erosion

c) Diminishes runoff

d) Increases water flow

95. Choose the correct statements.

i) A seed ball is a seed wrapped with fertilizers for easy growth.

ii) The seed is post-planted and can be sown in a fertile land.

iii) Seed balls are easy and sustainable way to cultivate plants.

- a) i only
- b) ii only
- c) iii only
- d) All the above

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