



S.A.S GOVERNMENT DEGREE COLLEGE
NARAYANAPURAM, WEST GODAVARI, ELURU DISTRICT - 534406
(AFFILITATED TO ADIKAVI NANNAYA UNIVERSITY, RAJAMAHENDRAVARAM)
Phone: 08818252189, E-mail: narayanapuram.jkc@gmail.com



**Certificate Course
on
ENVIRONMENTAL ECONOMICS**

Organized by

Department of Economics



Course Instructor

M. Rambabu

Lecturer in Economics

Academic Year - 2020-21



Certificate Course at a Glance



1. Title of the Course: ENVIRONMENTAL ECONOMICS

2. Level of the Course: UG

3. Name of the Instructor: M. Rambabu

4. Duration of the Course: 30 Days

5. Date of Commencement: 5-1-2021

6. Date of Serving notice to students: 4-1-2021

7. Date of Closure: 23-2-2021

8. Time of Conduct of the Classes: 9AM to 10 AM

9. Number of Students Enrolled for the Course: 13

10. Number of Students Completed the Course: 13

11. Assessment Criterion: Evaluation Test



CONTENTS



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Minutes of departmental meeting on certificate course



The faculty members of Department of Economics met in the principal's chamber under the chairperson ship of Dr. P. Rajarajeswari at 3 PM on Dt :28.12.2020 discussed and resolved as detailed here under.

After the through discussion on the agenda of conducting certificate course as per the departmental action plan, it was resolved to:

1. Conduct a certificate course titled Environmental Economics in Everyday Life with a duration of 30 Days during the working days.
2. Frame the syllabus and regulations for the successful completion of certificate course.
3. Conduct the examination after the completion of course and issue certificate to the qualified students.
4. Set 40% of marks as eligibility for the completion of the course.
5. Serve notice to the students well in advance for the enrollment into this course.
6. Commence the course on the date fixed obtaining due permission from the chair.


Dept. in charge
incharge

Department of Economics
SAS GOVERNMENT DEGREE COLLEGE
NARAYANAPURAM-534 406


Principal

PRINCIPAL
SAS GOVT. DEGREE COLLEGE
NARAYANAPURAM
West Godavari District.
Pin: 534 406, Andhra Pradesh



S.A.S GOVERNMENT DEGREE COLLEGE
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PERMISSION LETTER FOR CONDUCT OF CERTIFICATE COURSE

NARAYANAPURAM,
Dt. 30-12-2020

From
The In-charge,
Department of Economics,
SAS GDC,
Narayanapuram.
To
The principal,
SAS GDC,
Narayanapuram.

Sir,

Sub: Department of Economics, SAS Govt. Degree College, Narayanapuram-
Conduct of Certificate course in Environmental Economics (30 Days) - Accordance of
permission -Req.-Reg.

Adverting to the subject, I wish to submit to your kind self that the Department of Economics is planning to conduct a Certificate course in Environmental Economics with 30 Days duration for the students at our college as well as the public. A resolution was passed to this effect in the Departmental meeting dated 28-12-2020. Hence, I request you to kindly accord permission to conduct the same from onwards after due consultation and approval by the staff council.

Thanking you sir.

Yours faithfully

M. Rambabu
Incharge

Department of Economics
SAS GOVERNMENT DEGREE COLLEGE
NARAYANAPURAM-534 406

Enclosures:

1. A xerox copy of the minutes of Departmental meeting dt.
2. A copy of syllabus
3. Blueprint of the Execution of the course



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**PROCEEDINGS OF THE PRINCIPAL, SAS GOVT. DEGREE COLLEGE,
NARAYANAPURAM.**

DATE: 31-12-2020

FROM
The Principal,
SAS GDC
Narayanapuram

TO
The In-charge,
Department of Economics,
SAS GDC,
Narayanapuram

Sir/Madam,

Sub: SAS Govt. Degree college, Narayanapuram - Conduct of certificate course in Environmental Economics - Permission accorded- Reg.

Adverting to the subject, I hereby draw the kind attention of the in-charge of department of Economics of this college, that a decision was taken in the staff council meeting dated 28-12-2020 after many discussions and deliberation to approve and accord permission for the conduct of a certificate course in Environmental Economics with 30 Days duration for the general public as well as the students of our college from dt. 05-1-2021 to 23-2-2021.

You are further instructed to make all the necessary preparations and arrangements for the commencement of the course on dt. 05-1-2021.


PRINCIPAL

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NOTICE

NARAYANAPURAM
Dt. 02-1-2021

All the students at SAS Govt. Degree college, Narayanapuram are hereby informed that the Department of Economics is intending to conduct a certificate course in Environmental Economics from 05-1-2021 onwards. The required permission from the honorable Principal of the college has been obtained. Hence the students who are interested in enrolling themselves for the course may please contact the in-charge of the department for further details on or before dt. 05-1-2021.

In-charge of the dept.

Incharge
Department of Economics
SAS GOVERNMENT DEGREE COLLEGE
NARAYANAPURAM-534 406

Initials of the Principal

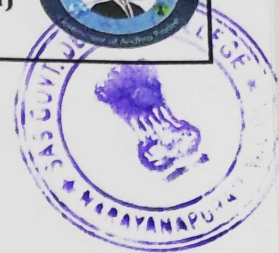
PRINCIPAL
SAS GOVT. DEGREE COLLEGE
NARAYANAPURAM
West Godavari District.
Pin: 534 406, Andhra Pradesh



Objectives of the course

A certificate course in Environmental Economics aim to aim to equip students with the tools and perspectives needed to understand, analyze, and address environmental problems within the context of economic decision-making and policy formulation.

1. Understanding Environmental Issues: To provide students with an understanding of key environmental challenges facing society, such as climate change, pollution, resource depletion, and biodiversity loss.
2. Applying Economic Principles: To teach students how economic concepts and theories can be applied to analyze environmental problems, assess their causes and impacts, and identify potential solutions.
3. Evaluating Environmental Policies: To enable students to evaluate the effectiveness of various environmental policies and regulations, including market-based instruments, command-and-control measures, and voluntary initiatives.
4. Assessing Trade-offs: To help students understand the trade-offs involved in environmental decision-making, such as balancing economic growth with environmental protection and considering short-term benefits versus long-term sustainability.
5. Valuing Environmental Resources: To teach students methods for valuing environmental goods and services, including non-market valuation techniques such as contingent valuation and hedonic pricing.
6. Exploring Sustainable Development: To introduce students to the concept of sustainable development and the integration of environmental, social, and economic objectives in policy-making and decision-making processes.
7. Analyzing Cost-Benefit Trade-offs: To enable students to conduct cost-benefit analyses of environmental projects and policies, considering both economic and environmental costs and benefits.
8. Understanding Market Failures: To familiarize students with market failures and externalities that lead to inefficient resource allocation and environmental degradation and explore potential remedies.



Course Outcomes

1. Understanding Environmental Issues: Students will demonstrate a comprehensive understanding of key environmental challenges, including climate change, pollution, resource depletion, and biodiversity loss.
2. Applying Economic Principles: Students will be able to apply economic concepts and theories to analyze environmental problems, assess their causes and impacts, and identify potential solutions.
3. Assessing Trade-offs: Students will understand the trade-offs involved in environmental decision-making, such as balancing economic growth with environmental protection and considering short-term benefits versus long-term sustainability.
4. Promoting Sustainable Development: Students will understand the concept of sustainable development and the integration of environmental, social, and economic objectives in policy-making and decision-making processes.
5. Analyzing Cost-Benefit Trade-offs: Students will be able to conduct cost-benefit analyses of environmental projects and policies, considering both economic and environmental costs and benefits.
6. Promoting Green Growth: Students will be familiar with strategies for promoting green growth and sustainable economic development, including investments in clean technologies, renewable energy, and resource efficiency.
7. Examining Global Environmental Challenges: Students will understand global environmental challenges, such as transboundary pollution, deforestation, loss of biodiversity, and their implications for international cooperation and governance.
8. Addressing Environmental Justice: Students will be able to analyze issues of environmental justice and equity, including the unequal distribution of environmental benefits and burdens among different social groups and communities.



CERTIFICATE COURSE SYLLABUS

Module 1: Introduction to Environmental Economics

1. Overview of Environmental Economics
2. Key Concepts: Externalities, Market Failures, and Public Goods
3. The Role of Economics in Environmental Policy

Module 2: Valuation of Environmental Resources

1. Methods for Valuing Ecosystem Services
2. Contingent Valuation and Revealed Preference Methods
3. Case Studies on Valuation Techniques

Module 3: Economic Instruments for Environmental Management

1. Pollution Taxes and Tradable Permits
2. Subsidies and Incentives for Sustainable Practices
3. Market-Based Approaches to Conservation

Module 4: Cost-Benefit Analysis in Environmental Decision-Making

1. Principles of Cost-Benefit Analysis
2. Discounting and Time Preference
3. Applications to Environmental Projects

Module 5: Sustainable Development and Green Growth

1. Definitions and Indicators of Sustainable Development
2. Economic Growth vs. Environmental Sustainability
3. Policies for Achieving Green Growth

Module 6: International Environmental Economics

1. Global Environmental Challenges
2. International Agreements and Treaties
3. Trade and Environmental Issues



Module 7: Behavioral Economics and Environmental Decision-Making

1. Behavioral Insights in Environmental Choices
2. Nudging for Sustainable Behavior
3. Psychology of Environmental Conservation

Module 8: Climate Change Economics

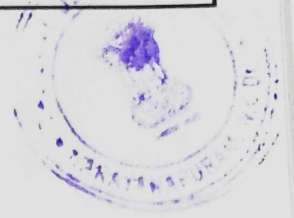
1. Economics of Climate Change Mitigation and Adaptation
2. Carbon Pricing Mechanisms
3. Economic Impacts of Climate Change

Module 9: Corporate Environmental Responsibility

1. Corporate Social Responsibility and Environmental Stewardship
2. Green Business Practices
3. Environmental Economics in Corporate Decision-Making



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Enrolled students list

S.NO	NAME OF THE STUDENT	Year	HT.NO	Gender	Caste
1	B. Pavani	I BA	203556201002	F	BC-A
2	B.Vijay Kumar	I BA	203556201004	M	SC
3	P.Yeswanth	I BA	203556201011	M	SC
4	Kaja Divya	I BA	203556201008	F	SC
5	A.Harshita Sri Sai	I BA	203556201001	F	BC-D
6	S. Raju	I BA	203556201013	M	BC-D
7	U. Ramakrishna	I BA	203556201015	M	SC
8	J. Ravi	I BA	203556201007	M	ST
9	B. Pandu	I BA	203556201003	M	ST
10	M. Sujana Preethi	I BA	203556201009	F	SC
11	R. Durga	I BA	203556201012	F	SC
12	E. Charan Raj	I BA	203556201005	M	SC
13	V.T. Subrahmanyam	I BA	203556201016	M	SC


 Lec.in-Economics
 Incharge

Department of Economics
 SAS GOVERNMENT DEGREE COLLEGE
 NARAYANAPURAM-534 406



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TIMETABLE

S.No	COURSE NAME	COURSE CODE	NAME OF THE INSTRUCTOR	COURSE DURATION	PERIOD	TIME	REMARKS
1	Certificate Course on Environmental Economics		M. Rambabu	30 Days	From 05-1-2021 To 23-2-2021	9 AM to 10 AM	



Attendance Particulars

Students Attendance Register - 2020-21



S.NO	NAME OF THE STUDENT	Year	HT.NO	5-1-2021	6-1-2021	7-1-2021	8-1-2021	9-1-2021	11-1-2021	12-1-2021	16-1-2021
1	B. Pavani	I BA	203556201002	P	P	P	P	P	P	P	P
2	B.Vijay Kumar	I BA	203556201004	P	P	P	P	P	P	P	P
3	P.Yeswanth	I BA	203556201011	P	P	P	P	P	P	P	P
4	Kaja Divya	I BA	203556201008	P	P	P	P	P	P	P	P
5	A.Harshita Sri Sai	I BA	203556201001	P	P	P	P	P	P	P	P
6	S. Raju	I BA	203556201013	P	P	P	P	P	P	P	P
7	U. Ramakrishna	I BA	203556201015	P	P	P	P	P	P	P	P
8	J. Ravi	I BA	203556201007	P	P	P	P	P	P	P	P
9	B. Pandu	I BA	203556201003	P	P	P	P	P	P	P	P
10	M. Sujana Preethi	I BA	203556201009	P	P	P	P	P	P	P	P
11	R. Durga	I BA	203556201012	P	P	P	P	P	P	P	P
12	E. Charan Raj	I BA	203556201005	P	P	P	P	P	P	P	P
13	V.T. Subrahmanyam	I BA	203556201016	P	P	P	P	P	P	P	P

S.NO	NAME OF THE STUDENT	Year	HT.NO	18-1-2021	19-1-2021	20-1-2021	21-1-2021	22-1-2021	23-1-2021	25-1-2021	27-1-2021
1	B. Pavani	I BA	203556201002	P	P	P	P	P	P	P	P
2	B.Vijay Kumar	I BA	203556201004	P	P	P	P	P	P	P	P
3	P.Yeswanth	I BA	203556201011	P	P	P	P	P	P	P	P
4	Kaja Divya	I BA	203556201008	P	P	P	P	P	P	P	P
5	A.Harshita Sri Sai	I BA	203556201001	P	P	P	P	P	P	P	P
6	S. Raju	I BA	203556201013	P	P	P	P	P	P	P	P
7	U. Ramakrishna	I BA	203556201015	P	P	P	P	P	P	P	P
8	J. Ravi	I BA	203556201007	P	P	P	P	P	P	P	P
9	B. Pandu	I BA	203556201003	P	P	P	P	P	P	P	P
10	M. Sujana Preethi	I BA	203556201009	P	P	P	P	P	P	P	P
11	R. Durga	I BA	203556201012	P	P	P	P	P	P	P	P
12	E. Charan Raj	I BA	203556201005	P	P	P	P	P	P	P	P
13	V.T. Subrahmanyam	I BA	203556201016	P	P	P	P	P	P	P	P



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S.NO	NAME OF THE STUDENT	Year	HT.NO	28-1-2021	29-1-2021	30-1-2021	3-2-2021	4-2-2021	5-2-2021	6-2-2021	8-2-2021
1	B. Pavani	I BA	203556201002	P	P	P	P	P	P	P	P
2	B.Vijay Kumar	I BA	203556201004	P	P	P	P	P	P	P	P
3	P.Yeswanth	I BA	203556201011	P	P	P	P	P	P	P	P
4	Kaja Divya	I BA	203556201008	P	P	P	P	P	P	P	P
5	A.Harshita Sri Sai	I BA	203556201001	P	P	P	P	P	P	P	P
6	S. Raju	I BA	203556201013	P	P	P	P	P	P	P	P
7	U. Ramakrishna	I BA	203556201015	P	P	P	P	P	P	P	P
8	J. Ravi	I BA	203556201007	P	P	P	P	P	P	P	P
9	B. Pandu	I BA	203556201003	P	P	P	P	P	P	P	P
10	M. Sujana Preethi	I BA	203556201009	P	P	P	P	P	P	P	P
11	R. Durga	I BA	203556201012	P	P	P	P	P	P	P	P
12	E. Charan Raj	I BA	203556201005	P	P	P	P	P	P	P	P
13	V.T. Subrahmanyam	I BA	203556201016	P	P	P	P	P	P	P	P

S.NO	NAME OF THE STUDENT	Year	HT.NO	17-2-2021	18-2-2021	19-2-2021	20-2-2021	22-2-2021	23-2-2021
1	B. Pavani	I BA	203556201002	P	P	P	P	P	P
2	B.Vijay Kumar	I BA	203556201004	P	P	P	P	P	P
3	P.Yeswanth	I BA	203556201011	P	P	P	P	P	P
4	Kaja Divya	I BA	203556201008	P	P	P	P	P	P
5	A.Harshita Sri Sai	I BA	203556201001	P	P	P	P	P	P
6	S. Raju	I BA	203556201013	P	P	P	P	P	P
7	U. Ramakrishna	I BA	203556201015	P	P	P	P	P	P
8	J. Ravi	I BA	203556201007	P	P	P	P	P	P
9	B. Pandu	I BA	203556201003	P	P	P	P	P	P
10	M. Sujana Preethi	I BA	203556201009	P	P	P	P	P	P
11	R. Durga	I BA	203556201012	P	P	P	P	P	P
12	E. Charan Raj	I BA	203556201005	P	P	P	P	P	P
13	V.T. Subrahmanyam	I BA	203556201016	P	P	P	P	P	P



Question Paper

Certificate Course on Environmental Economics - Grand Test - 2020-21

Max Marks: 25 M

Time 1 Hour

1. What is environmental economics?
 - a) The study of how economic activity affects the environment
 - b) The study of environment
 - c) The study of economics
 - d) None of the above
2. What is the primary goal of environmental economics?
 - a) To achieve efficient allocation of resources while minimizing environmental degradation.
 - b) To reduce the environmental pollution
 - c) To reduce gases in environment
 - d) To reduce pollution by the companies
3. What is externality in environmental economics?
 - a) The impact of one person's or firm's actions on the well-being of a bystander, not reflected in market prices.
 - b) The impact of governments on the people
 - c) The impact of local firms on a family
 - d) None of the above
4. Which economic concept is used to internalize externalities?
 - a) Internal subsidy
 - b) Government subsidy
 - c) Government taxes
 - d) Pigovian taxes or subsidies.
5. What is the tragedy of the commons?
 - a) The depletion of shared resources due to individuals acting in their own self-interest rather than for the common good.
 - b) To achieve efficient allocation of resources
 - c) The study of how economic activity affects the environment
 - d) The impact of governments on the people
6. What is the discount rate in environmental economics?
 - a) The rate at which future costs and benefits are discounted to their present value.
 - b) The discount rate given by the government
 - c) Penalty imposed on the people
 - d) None of the above
7. What is the purpose of cost-benefit analysis in environmental economics?
 - a) Cost benefit policy for the population
 - b) Benefits that company used to get due to economic situation
 - c) To compare the total costs and benefits of a project or policy to determine its desirability.
 - d) All of the above
8. Which economic instrument is used to regulate pollution by setting a maximum allowable level of emissions?
 - a) Internal trading
 - b) Cap-and-trade system
 - c) External trading
 - d) No trading
9. What is the concept of sustainable development?
 - a) Development that meets the needs of the present without compromise
 - b) Cost benefit policy for the population
 - c) Penalty imposed on the people
 - d) Delivering high quality and sustainable development for all



10. What is the role of property rights in environmental economics?
 - a) To achieve efficient allocation of resources
 - b) To provide incentives for resource conservation and sustainable use
 - c) To achieve minimizing environmental degradation.
 - d) None of the above
11. Which economic approach values environmental goods and services based on people's willingness to pay for them?
 - a) Intensive method
 - b) Out of pocket method
 - c) Contingent valuation method
 - d) General value method
12. What is the concept of ecological footprint?
 - a) The measure of human demand on nature
 - b) Comparing human consumption of natural resources
 - c) Measurement of Earth's ecological capacity to regenerate them
 - d) All of the above
13. What is the concept of natural capital?
 - a) The stock of natural resources and ecosystems
 - b) The system that provide valuable goods and services to humanity
 - c) Both a and b
 - d) None of the above
14. What is the role of government in environmental economics?
 - a) To implement policies and regulations to address market failures
 - b) To address the polices to protect the environment
 - c) To address the environmental issues
 - d) To address the economical issues
15. Which economic principle suggests that as the quantity of a resource diminishes, its marginal cost increases?
 - a) Law of economics
 - b) Law of natural resources
 - c) Law of diminishing marginal returns
 - d) All of the above
16. What is the concept of green taxes?
 - a) Taxes levied on activities that are harmful to the environment.
 - b) Taxes levied on the people who are not availing the rules
 - c) Taxes on the people who are doing harm to the environment
 - d) None of the above
17. The concept is used to measure the total value of all final goods and services
 - a) Gross Domestic Product (GDP)
 - b) Goods and Service Tax (GST)
 - c) Income Tax
 - d) All the above
18. What is the role of environmental economics in policy-making?
 - a) Tips on creating the policy
 - b) Help policymakers design effective environmental policies
 - c) Tips on the role of environmental issues
 - d) Law of natural resources
19. What is the concept of market failure?
 - a) When the allocation of resources by a free market is not efficient
 - b) Resources are often due to externalities or public goods
 - c) Both a and b
 - d) None of the above



20. What is the concept of carbon pricing?
- A study on carbon pricing
 - A Study on pricing related to carbon
 - Carbon emissions to incentivize reductions in greenhouse gas emissions
 - All of the above
21. Which economic approach uses non-market valuation methods to estimate the economic value of environmental goods and services?
- Environmental valuation
 - Income valuation
 - Economic valuation
 - All of the above
22. What is the role of technological innovation in environmental economics?
- To develop cleaner and more efficient technologies to mitigate environmental degradation.
 - Taxes levied on the people who are not availing the rules
 - Taxes on the people who are doing harm to the environment
 - A Study on pricing related to carbon
23. What is the concept of sustainable consumption?
- Consumption patterns that minimize environmental impacts
 - To promote long-term well-being
 - To promote sustainable consumption
 - To promote the concepts of environment
24. What is the concept of environmental justice?
- The fair distribution of environmental benefits and burdens
 - Particularly among disadvantaged communities
 - Distribution of environmental benefits
 - None of the above
25. Which economic approach emphasizes the importance of protecting natural capital for long-term economic prosperity?
- Ecological economics
 - Biological economics
 - Environmental economics
 - All of the above



Valued Scripts



SAS GOVERNMENT DEGREE COLLEGE, NARAYANAPURAM

DEPARTMENT OF ECONOMICS

Certificate Course on Environmental Economics - Grand Test - 2020-21

Max Marks: 25 M

Time 1 Hour

Name of the Student: B. Pavani
Class/Group: T BA
R.T. Number: 203556201002

18
25

1. What is environmental economics?
a) The study of how economic activity affects the environment
b) The study of environment
c) The study of economics
d) None of the above
(A)
2. What is the primary goal of environmental economics?
a) To achieve efficient allocation of resources while minimizing environmental degradation.
b) To reduce the environmental pollution
c) To reduce gases in environment
d) To reduce pollution by the companies
(A)
3. What is externality in environmental economics?
a) The impact of one person's or firm's actions on the well-being of a bystander, not reflected in market prices.
b) The impact of governments on the people
c) The impact of local firms on a family
d) None of the above
(C)
4. Which economic concept is used to internalize externalities?
a) Internal subsidy
b) Government subsidy
c) Government taxes
d) Pigovian taxes or subsidies.
(D)
5. What is the tragedy of the commons?
a) The depletion of shared resources due to individuals acting in their own self-interest rather than for the common good
b) To achieve efficient allocation of resources while cccccc
c) The study of how economic activity affects the environment
d) The impact of governments on the people
(A)
6. What is the discount rate in environmental economics?
a) The rate at which future costs and benefits are discounted to their present value
b) The discount rate given by the government
c) Penalty imposed on the people
d) None of the above
(A)
7. What is the purpose of cost-benefit analysis in environmental economics?
a) Cost-benefit policy for the population
b) Benefits that company used to get due to economic situation
(C)



- c) To compare the total costs and benefits of a project or policy to determine its desirability.
d) All of the above
8. Which economic instrument is used to regulate pollution by setting a maximum allowable level of emissions? (b) X
a) Internal trading
b) Cap and trade system
c) External trading
d) No trading
9. What is the concept of sustainable development? (A) X
a) Development that meets the needs of the present without compromise
b) Cost benefit policy for the population
c) Penalty imposed on the people
d) Delivering high quality and sustainable development for all
10. What is the role of property rights in environmental economics? (D) X
a) To achieve efficient allocation of resources
b) To provide incentives for resource conservation and sustainable use
c) To achieve minimizing environmental degradation.
d) None of the above
11. Which economic approach values environmental goods and services based on people's willingness to pay for them? (D) X
a) Intensive method
b) Out of pocket method
c) Contingent valuation method
d) General value method
12. What is the concept of ecological footprint? (D) X
a) The measure of human demand on nature
b) Comparing human consumption of natural resources
c) Measurement of Earth's ecological capacity to regenerate them
d) All of the above
13. What is the concept of natural capital? (C) X
a) The stock of natural resources and ecosystems
b) The system that provide valuable goods and services to humanity
c) Both a and b
d) None of the above
14. What is the role of government in environmental economics? (A) X
a) To implement policies and regulations to address market failures
b) To address the policies to protect the environment
c) To address the environmental issues
d) To address the economical issues
15. Which economic principle suggests that as the quantity of a resource diminishes, its marginal cost increases? (C) X
a) Law of economics
b) Law of natural resources
c) Law of diminishing marginal returns
d) All of the above
16. What is the concept of green taxes? (A) X
a) Taxes levied on activities that are harmful to the environment.
b) Taxes levied on the people who are not availing the rules
c) Taxes on the people who are doing harm to the environment
d) None of the above
17. The concept is used to measure the total value of all final goods and services (D) X



- a) Gross Domestic Product (GDP)
b) Goods and Service Tax (GST)
c) Income Tax
d) All the above
18. What is the role of environmental economics in policy-making?
a) Tips on creating the policy
b) Help policymakers design effective environmental policies
c) Tips on the role of environmental issues
d) Law of natural resources
19. What is the concept of market failure?
a) When the allocation of resources by a free market is not efficient
b) Resources are often due to externalities or public goods
c) Both a and b
d) None of the above
20. What is the concept of carbon pricing?
a) A study on carbon pricing
b) A Study on pricing related to carbon
c) Carbon emissions to incentivize reductions in greenhouse gas emissions
d) All of the above
21. Which economic approach uses non-market valuation methods to estimate the economic value of environmental goods and services?
a) Environmental valuation
b) Income valuation
c) Economic valuation
d) All of the above
22. What is the role of technological innovation in environmental economics?
a) To develop cleaner and more efficient technologies to mitigate environmental degradation.
b) Taxes levied on the people who are not availing the rules
c) Taxes on the people who are doing harm to the environment
d) A Study on pricing related to carbon
23. What is the concept of sustainable consumption?
a. Consumption patterns that minimize environmental impacts
b. To promote long-term well-being
c. To promote sustainable consumption
d. To promote the concepts of environment
24. What is the concept of environmental justice?
a) The fair distribution of environmental benefits and burdens
b) Particularly among disadvantaged communities
c) Distribution of environmental benefits
d) None of the above
25. Which economic approach emphasizes the importance of protecting natural capital for long-term economic prosperity?
a) Ecological economics
b) Biological economics
c) Environmental economics
d) All of the above

(B) ✓

(C) ✓

(A) ✗

(A) ✓

(A) ✗

(A) ✗

(A) ✓

(A) ✓

(D) ✗



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Photographs of conducting the Classes





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Model Certificate



SRI ARAVINDA SATHAJAYANTHI GOVERNMENT DEGREE COLLEGE

NARAYANAPURAM, TELURU DISTRICT, ANDHRA PRADESH



CERTIFICATE OF COMPLETION

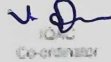
This is to certify that Mr/Ms P. Veswanth
of IBA class has successfully completed certificate course in Environmental Education
from 4/1/2021 To 23/2/2021 by Department of Economics.


Course Coordinator

Incharge

Department of Economics

SAS GOVERNMENT DEGREE COLLEGE
NARAYANAPURAM-534 406


Co-ordinator


Principal

PRINCIPAL

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Report on the Certificate Course

The Department of Economics has conducted certificate course in Environmental Economics (for competitive exams) from 05-1-2021 to 23-2-2021 for the academic year 2020-2021.

As per the instructions given by the principal during the minutes of the meeting 10 students are enrolled in the certificate course from B.A.. The faculty of Economics have engaged classes for 30 days and dealt with the basic concepts of the subject.

Two intermediate tests and one Grand test are conducted for the assessment of learners' understanding levels of knowledge. The minimum qualifying mark for the award of certification is 40%. All the students completed the course successfully and got certificates during the academic year 2020-2021.


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THANK
YOU

