



UNIVERSITY WITH A PURPOSE

UNIVERSITY OF PETROLEUM & ENERGY STUDIES

End Semester Examination, December, 2021

Program: BBA Green Energy and Sustainability
Subject/Course: Introduction to Sustainability Development
Course Code: OGET1002

Semester: 1st
Max. Marks: 100
Duration: 3 Hours

IMPORTANT INSTRUCTIONS

Q.No	Section A (Type the answers in the text box)	Marks	Cos
1	What is Sustainable Development?	2	CO1
2	What is the role of end consumer in sustainable development?	2	CO2
3	Which of the following is not a Green Energy Source? a) Solar Energy b) Wind Energy c) Tidal Energy d) Natural Gas	2	CO1
4	Name the four types of Power Generation Sources.	2	CO1
5	Which agency issues ESCerts?	2	CO2
6	Why is Green Energy considered to be at a disadvantage as compared to conventional energy?	2	CO1
7	Why is the REC Mechanism considered as a failure?	2	CO1
8	List out 5 benefits of promoting generation of green energy.	2	CO2
9	Which of the following is not a UN Sustainable Development Goal? a) No Poverty b) Clean Water and Sanitization c) Gender Equality d) Zero Unemployment	2	CO2
10	Which UN Sustainable Development Goal talks about “Making cities and Human Settlement inclusive, safe, resilient and sustainable?”	2	CO2
	Section B (Scan and Upload)	Marks	Cos
11	Discuss the reasons for encouraging Green Energy.	5	CO3
12	How does carbon credit trading help in reducing emissions?	5	CO3
13	Differentiate between Clean and Green Energy.	5	CO2

14	How does Quality Education help in sustainable development?	5	CO3
	Section C (Scan and Upload)	Marks	Cos
15	Write a note on the importance of the UN Sustainable Development Goals.	10	CO4
16	Discuss any 2 of the following Sustainable Development Goals. a) Climate Action b) Responsible Consumption and Production c) Partnerships for the Goals	10	CO4
17	How does generation and trading of Renewable Energy Certificates help in Sustainable Development?	10	CO3
	Section D (Scan and Upload)	Marks	Cos
18	A developer wishes to setup a power generating station. How will you convince him to setup a Renewable Energy Generating station and not a conventional generating station?	15	CO3
19	Discuss in detail the initiatives of the Government to encourage generation and use of Renewable Energy.	15	CO4