

SARDAR PATEL UNIVERSITY

B.COM. (BUSINESS STUDIES) SEMESTER-I		
Course Code UB01SCOM71	Course Title Environmental Sciences	Total Credit 3
Course Objectives	This course introduces students to concepts, methods and policy options in managing the environment using tools of economic analysis.	

Course Description		
Unit	Description	Weightage
1.	Overview of Environmental Studies: <ul style="list-style-type: none"> ➤ Definition ➤ Scope ➤ Importance ➤ Meaning and Concept of Renewable and Non Renewable Resources ➤ Equitable use of resources for sustainable lifestyles 	25%
2.	Natural Resources and Associated Problems <ul style="list-style-type: none"> ➤ Concept and Threats ➤ Forest Resources ➤ Water Resources ➤ Mineral Resources ➤ Energy Resources ➤ Land Resources ➤ Role of individual in conservation of Natural Resources 	25%
3.	Ecosystem <ul style="list-style-type: none"> ➤ Concept, Structure, Functions of an Ecosystem ➤ Producers, Consumers and Decomposers in Ecosystem ➤ Food Chain, Food Web and Ecological Pyramid ➤ Types, characteristics and Threats of Ecosystem ➤ Types – Forest, Grassland, Desert and Aquatic Ecosystem ➤ Role of Individual in sustaining Ecosystem 	25%
4.	Biodiversity <ul style="list-style-type: none"> ➤ Introduction ➤ Types – Genetic, Species and Ecosystem ➤ Biodiversity at Global, National and Local Levels ➤ India as a Mega Diversity Nation ➤ Threats and Conservation of Biodiversity 	25%

*Units will have the same Weightage in the evaluation as suggested in the course outline.

Teaching-Learning Methodology	<ul style="list-style-type: none"> ● Lecture Method ● Online Lectures ● Group Discussion
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Evaluation Pattern		
Sr.No.	Details of the Evaluation	Weightage
1.	Internal/Written Examination	15%
2.	Internal Continuous Assessment in the form of Practical , Viva-Voce, Quizzes, Seminars, Assignments, Attendance	15%
3.	University Examination	70%

* Students will have to score a minimum of 40 (Forty) Percent to pass the course.

Course Outcomes: Having Completed this course, the students will be able to	
1.	To furnish awareness about environmental problems among people.
2.	Impart basic knowledge about the environment and its allied problems.
3.	Developing an attitude of concern for the environment.
4.	Acquiring skills to help the concerned individuals in identifying and solving environmental problems.

Suggested References:	
Sr. No	References
1.	Text book of Environmental Studies for undergraduate Courses : Erach Bharucha, Publisher: University Press, University Grants Commission
On-Line Resources available that can be used as Reference Material	
https://ugcmoocs.inflibnet.ac.in/view_module_ug.php/172	