



# Symbiosis College of Arts and Commerce

(An Autonomous College Affiliated to University of Pune)

Subject code	Semester											
	I	II	III	IV	V	VI	M.Com.	I	II	III	IV	
<b>Title of Subject</b> (For F.Y. as appeared in the prospectus) (For S.Y. & T.Y. titles can be as per the approval of BOS)		<b>UNDERSTANDING EARTH SYSTEMS - (Part I)</b> <b>(June 2019-2021)</b>										
<b>Objectives</b>		1.To introduce the students to the basics of major spheres & various earth systems 2. To acquaint the students with the roles & application of earth systems in different areas. 3.To make students aware of the need of protection & conservation of different landforms										
<b>Detailed syllabus</b>												
Unit	Contents of the syllabus											Number of Lectures
1	<b>1. Title Of The Topic :</b> Basic Concepts in Geography & Physical eography. 1.1 Latitudes-Longitudes,Relief, Date-Line, Time Zones,Hemispheres, 1.2 Map Reading ; Types of maps, Signs & Symbols 1.3 Meaning , Branches & approaches to study Geography 1.4 Meaning, Nature & Scope Of Physical Geography. 1.2 Importance & Applications Of Physical Geography											8
2	<b>2. Title Of The Topic :</b> History Of The Earth 2.1 Origin Of The Earth 2.2 Earth Interior 2.3 Big Bang Theory 2.4 Wegners Continental Drift Theory 2.5 Theory Of Plate Techtonics											10
3	<b>3. Title Of The Topic :</b> Earths Crust 3.1 Earth Crust 3.2 Rock Formation & Types (Field Visit) 3.3 Types Of Weathering 3.4 Soils, Soil Formation, Soil Profile 3.5 Soil Types – Distrubution Worldwide & in India											10
4	<b>4. Title Of The Topic :</b> Landforms developed by - 4.1 Concept of Weathering & Erosion 4.2 Landforms Created By Running Water 4.3 Landforms Created By Sea Waves											10
5	<b>5. Title Of The Topic:</b> Major Eco Systems & Ecological Functions & its Conservation with examples. 5.1 Major Eco System of the World & India 5.2 Marine Eco System 5.3 River Eco System, 5.4 Wetland Eco System 5.5 Forest Eco System, 5.6 Grassland Eco-System											10
	Field visits, guest lectures & documentaries											6
	Total lectures											54



OK  
 Swati Dixit  
 13.12.19