Goa Vidyaprasarak Mandal's GOPAL GOVIND POY RAITURCAR COLLEGE OF COMMERCE AND ECONOMICS FARMAGUDI, PONDA-GOA

B.C.A. UGC-CCFUP (SEMESTER-I) REGULAR EXAMINATION, NOVEMBER 2023 VAC-101 - ENVIRONMENTAL STUDIES

Duration – 1 hr

Total Marks – 40

 Q.1) Answer the following. i) What are endemic species? Give two examples. ii) Define genetic diversity. iii) Why land is considered as a resource? iv) State difference between primary and secondary succession. 	(4×2) (BL1, CO3) (BL1, CO3) (BL1, CO2) (BL1, CO5)
Q.2.A) i) What are the characteristic features of grassland ecosystem? Give exame cosystem in India.	nples of grassland (03) (BL1, CO5)
OR Q.2.A) i) What are world food problems?	(03) (BL1, CO4)
Q.2.B) i) What are three different types of ecological pyramids?	(03) (BL1, CO5)
Q.2.C) i) Comment on Chipko Movement in India.	(02) (BL1, CO2)
Q.3.A) i) Explain the reasons for over exploitation of forest resources.	(03) (BL2, CO4)
Q.3.A) i) Explain the impacts of mining on environment.	(03) (BL2. CO4)
Q.3.B) i) Summarize ex-situ conservation.	(03) (BL2, CO3)
Q.3.C) i) Give two examples food chain.	(02) (BL2, CO5)
Q.4.A) i) Give an outline and write about biotic components of an ecosystem. OR	(03) (BL2, CO5)
Q.4.A) i) Explain any three types of renewable energy resources.	(03) (BL2, CO1)
Q.4.B) i) Explain productive, aesthetic and consumptive values of biodiversity.	(03) (BL2, CO3)
Q.4.C) i) Give any two importance of environmental studies.	(02) (BL2, CO6)

Q.5.A) i) Discuss the problems faced by local and tribal community		
due to construction of dams.	(03) (BL3, CO4)	
OR		
Q.5.A) i) Zoological parks can be disadvantageous for animals. Comment.	(03) (BL3, CO3)	
Q.5.B) i) As an individual, how would you contribute in conservation of natural resources?	(03) (BL3, CO2)	
Q.5.C) i) Advantages of using solar energy as a source of energy resource. Comment.	(02) (BL3, CO2)	

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