2011E705 Candidate's Seat No :_____

M.Sc Sem-3 Examination
501
Climate Change

Time : 2-30 Hours] November-2024 [Max. Marks : 70

Instructions: All Questions carry equal marks
Attempt all Questions

Q I	Discuss adaptation strategies in the case of human health.	14

OR

Q I	A. How is slash and burn agriculture (shifting agriculture) harmful? What adaptation measures can be taken?	7
	B. Discuss the adaptation measures in forestry sector	7

Q II	Highlight the disadvantages of the cost and benefit calculation.	14

OR

Q II	A. What are different ecosystem services? Explain payment of ecosystem services in detail.	7
	B. What is water pricing? Explain the advantages and disadvantages	7

Q III	Discuss the different types of green infrastructure which can be introduced in cities to reduce flooding.	14

OR

Q III	A. What is zero till agriculture? What are its advantages?	7
	B. Why is it important to increase the adaptive capacity in agricultural sector in India?	7

Q IV	What is community based adaptation?	14

OR

Q IV	A. Discuss ALM and APF.	7
	B. How can risks be reduced in developmental activities?	7

Q V	Attempt any 7 out of 12 MCQs/Short question (One- or Two-line answer)/ Fill in the blanks/True or False etc.	14
1	Why are houses built on stilts in coastal areas?	
2	What is blue carbon?	
3	What is water table?	
4	What is habitat banking?	
5	What is PPP?	
6	What is time horizon of a project?	
7	What is contour farming?	
8	What is rainwater harvesting?	
9	What is full form of UHI?	
10	What does NAPA stand for?	
11	What does LDC stand for?	
12	What does DRR aims for?	