

Instructions



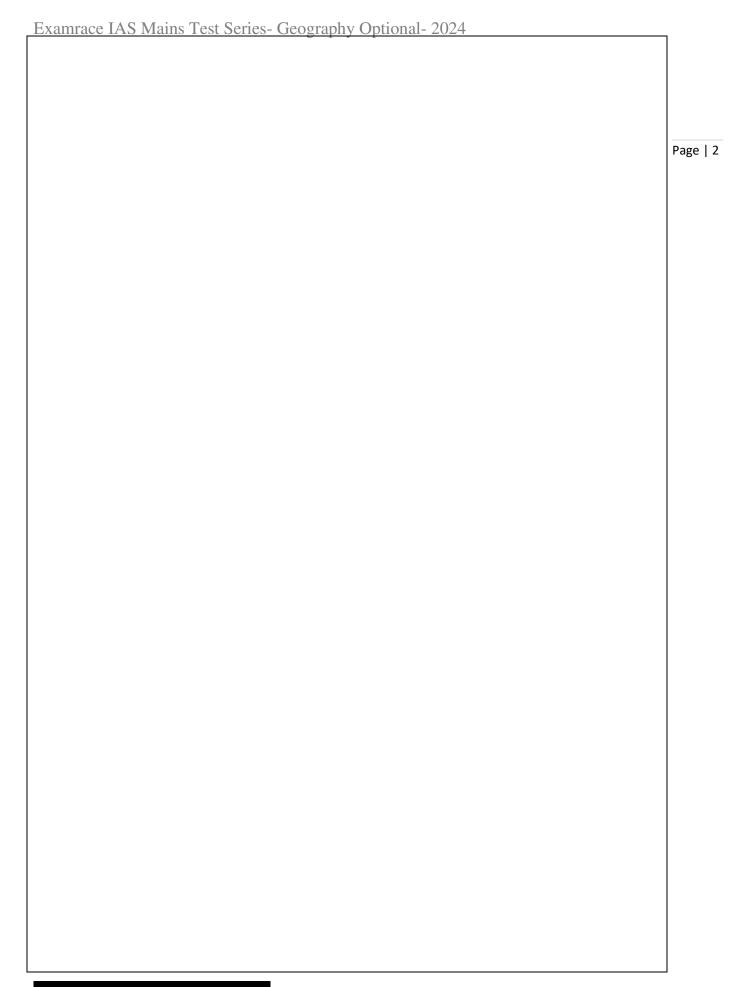
Process

- 1. Join our test series now (any number of tests) by paying online. You will receive an enrollment number.
- 2. You can either:
 - a. Attempt the questions using pdf provided: Download and print the test.
 - b. Write the answers on clean sheets of paper: Mention your name, enrollment number, and phone number on a separate cover sheet.
- 3. Enter the enrollment number on top of the test.
- 4. Finish the tests properly keeping time.
- 5. It is strongly recommended that full-length mock-test (13 and 14) be completed on the same day, one in morning session and one in the evening session with break of no more than 3 hours in between.
- 6. Make note of the questions you were able to complete in the allotted time. If a question was partly completed, draw a line at that location.
- 7. Subsequently go on to complete the remaining questions.
- 8. We will provide you feedback on all 5 questions (giving you full benefit of test series), however marks will be given based on portion completed in allotted time.
- 9. Send the completed test by email. Clearly scan and send the completed test to contactus@doorsteptutor.com.
- 10. Fully evaluated copy along with answer/approach analysis will be send back to your email (within 15 days of receipt).
- 11. Improvement call: Dr. Manishika Jain will provide personalized feedback and areas of improvement.

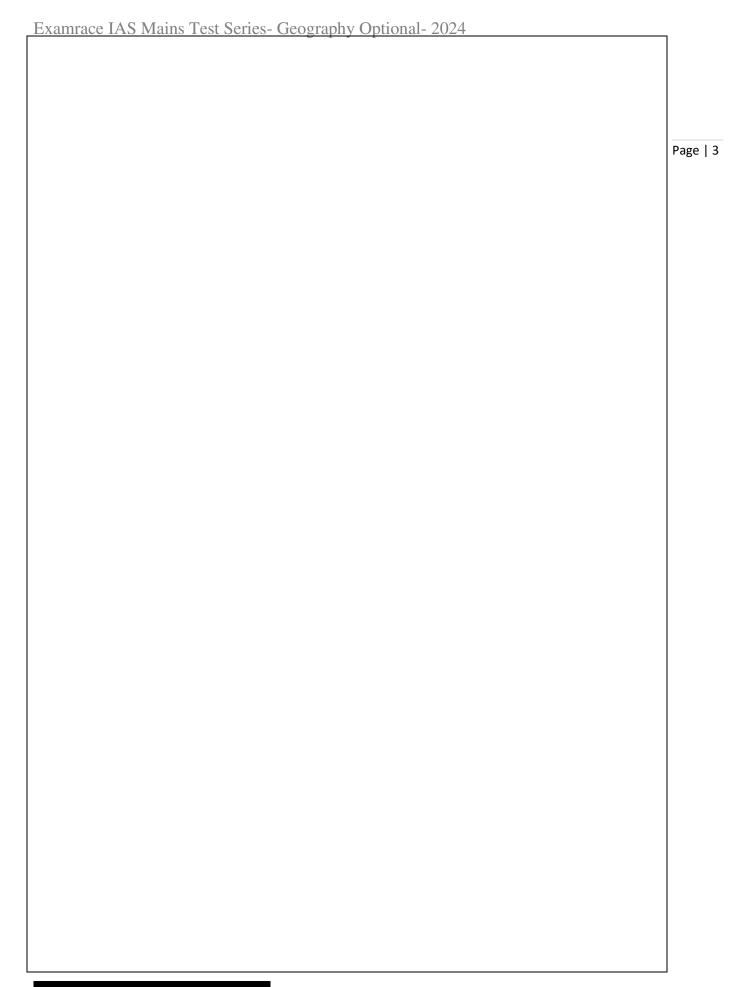


Examrace IAS Mains Test Series- Geography Optional- 2024	_
Questions	
1 (a) Describe the basic mechanism of heat transfer. which of this mechanism is the least	
important meteorologically and why? (20 marks)	
	Page 1

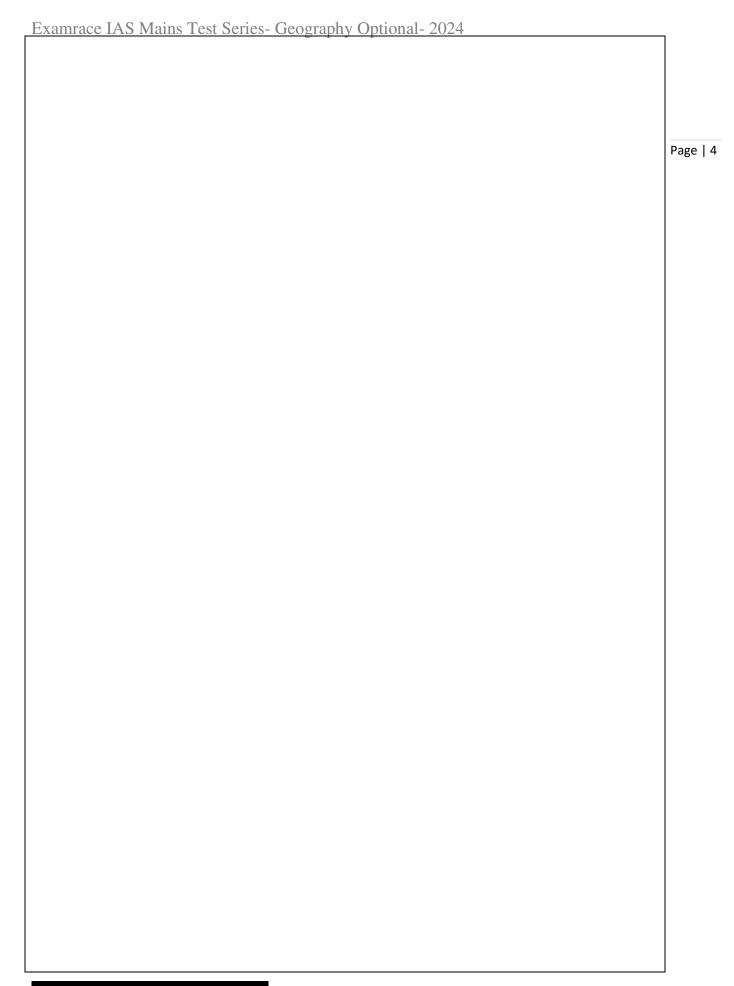








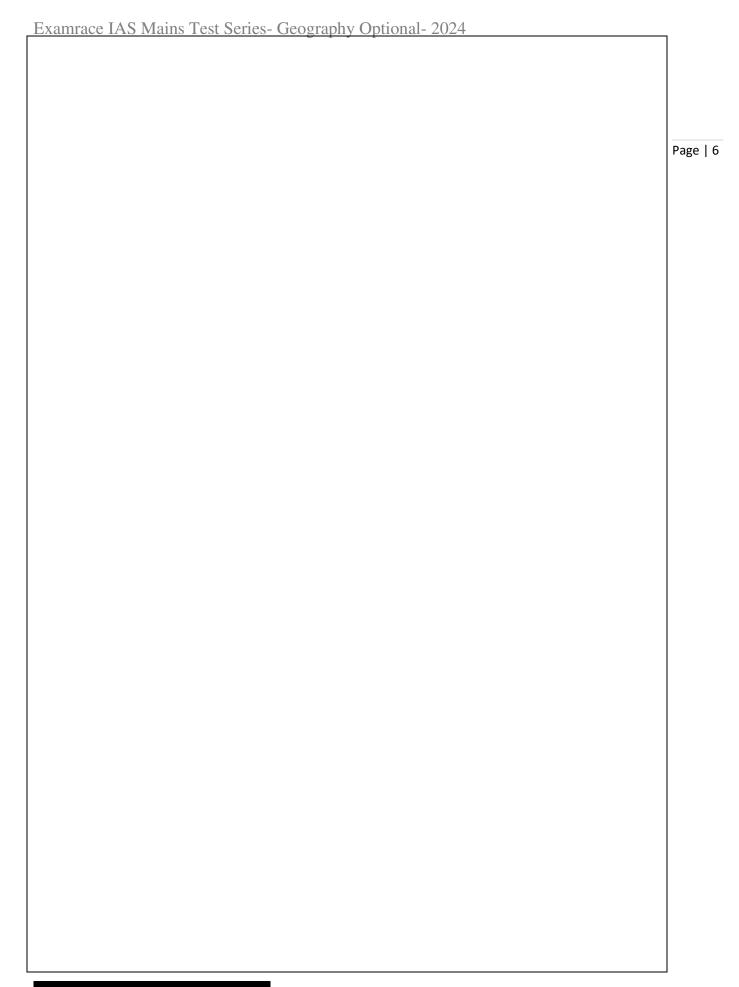




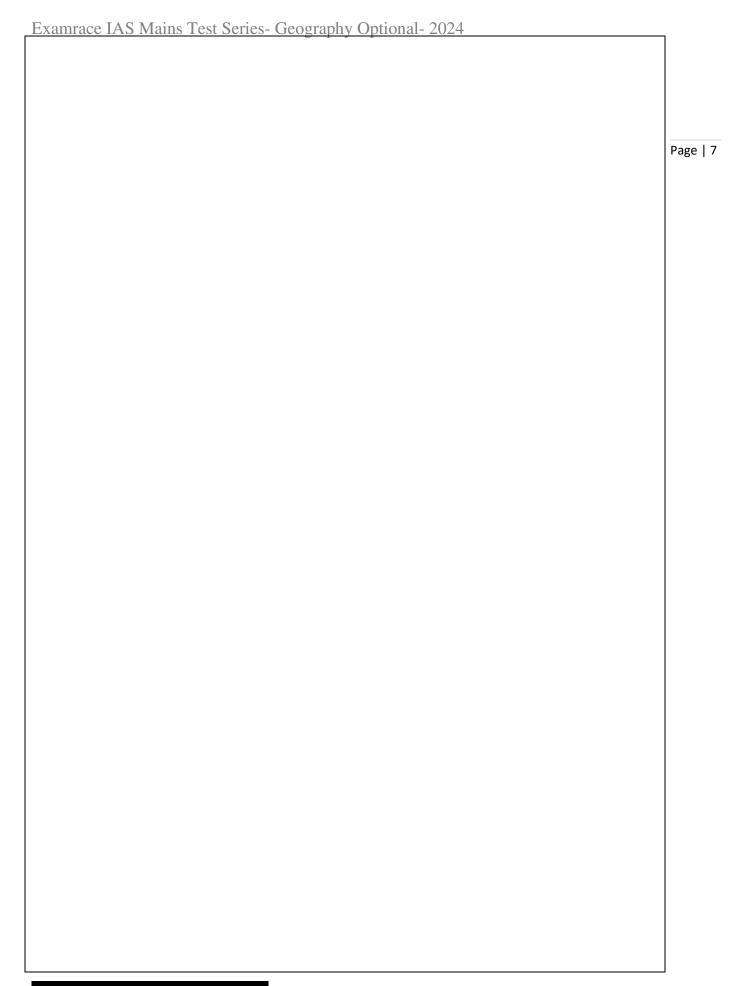


Examrace IAS Mains Test Series- Geography Optional- 2024	1
(b) "The monsoon over- ride the expected pattern of the primary wind system"- Explain. (15 marks)	
	Page 5
	Page 5





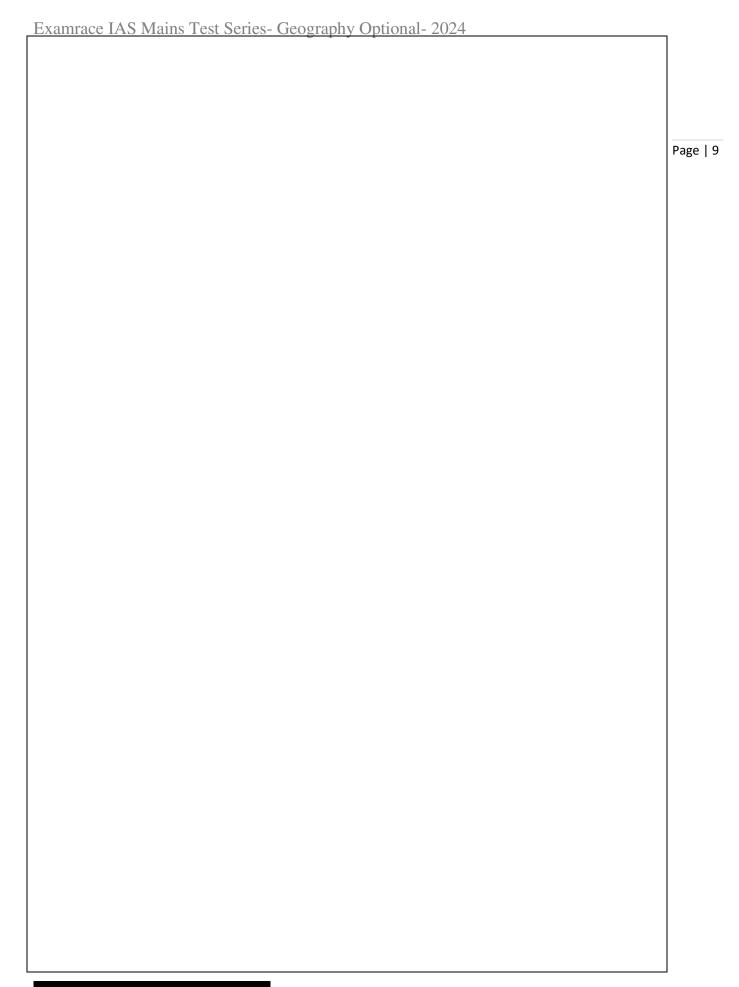




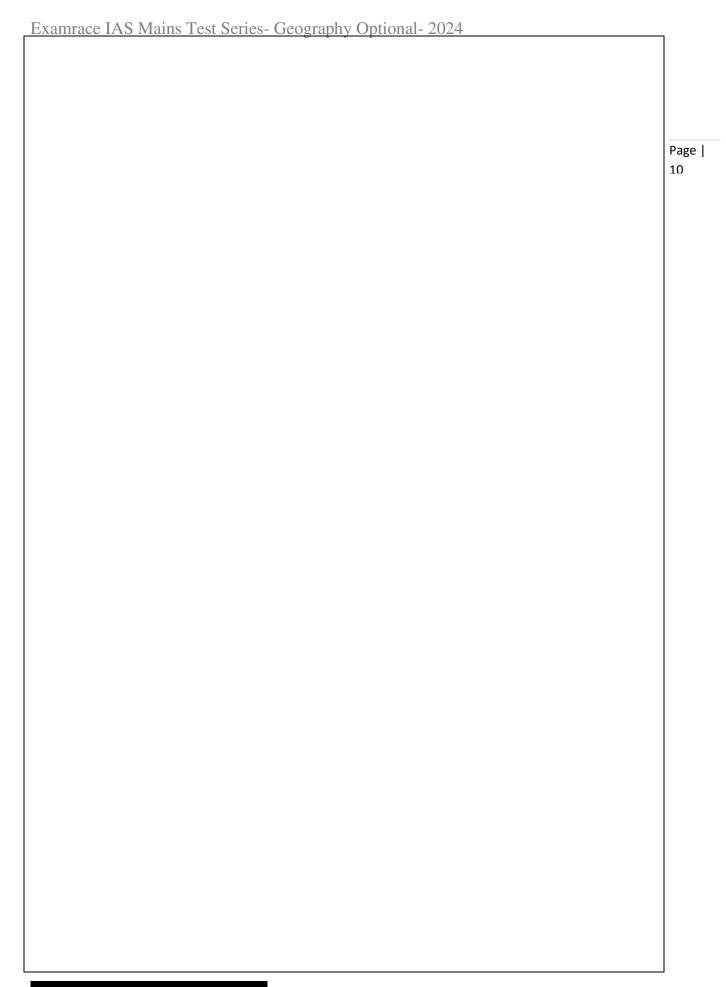


Examrace IAS Mains Test Series- Geography Optional- 2024	
(c) Discuss in detail the polar font theory of origin of the temperate cyclone. (15 marks)	
	Page 8
·	1





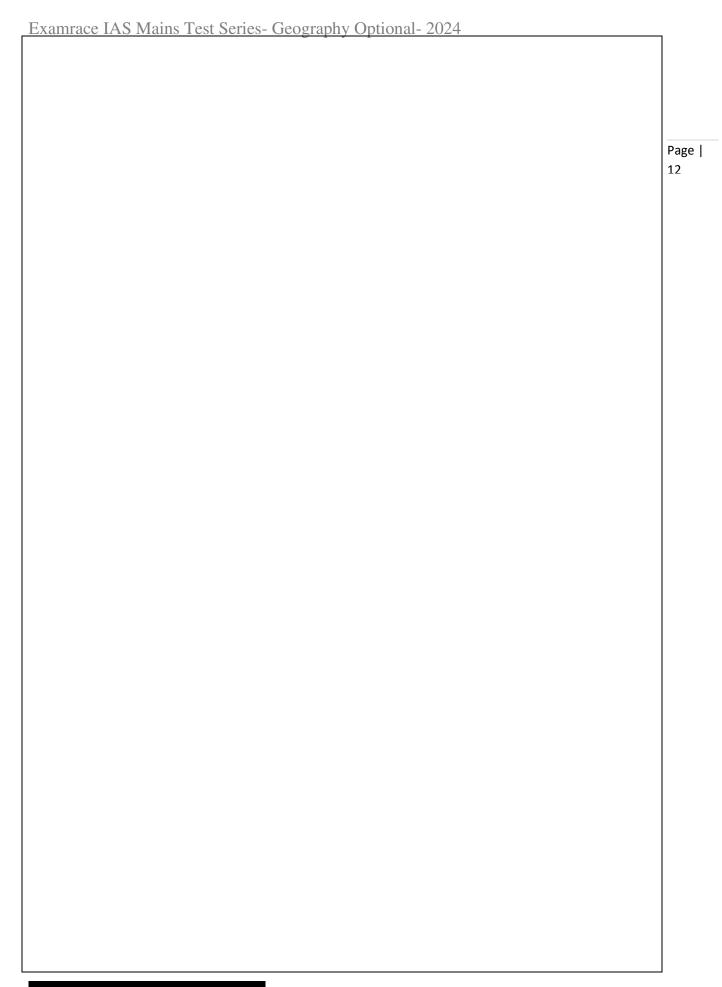




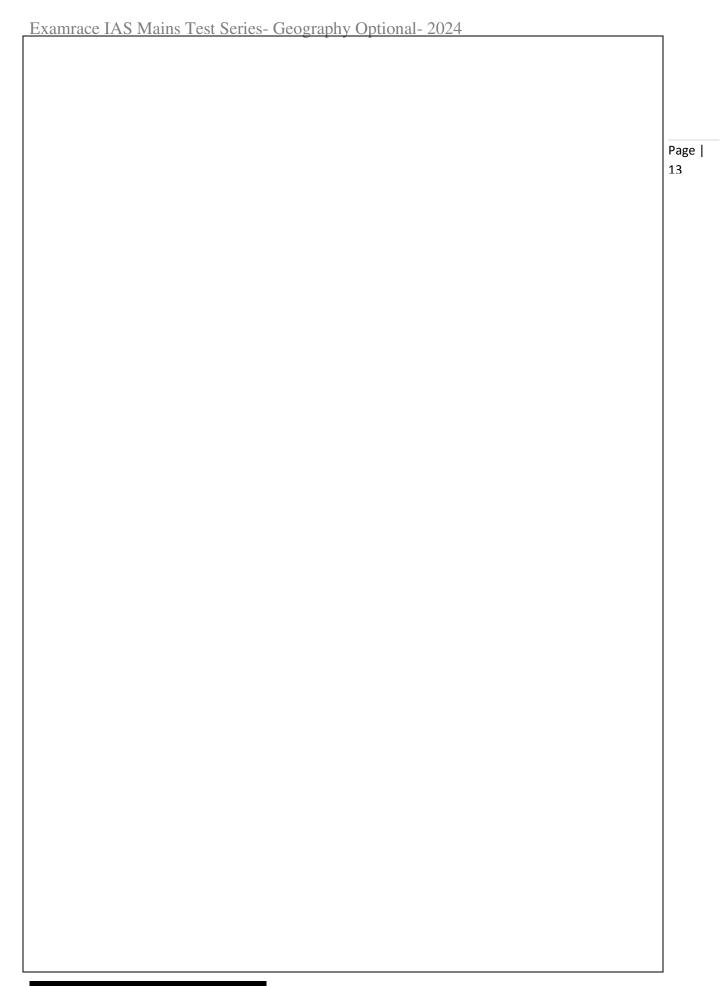


1	Examrace IAS Mains Test Series- Geography Optional- 2024	i
	2(a) "Influence of relief in the predominant factor for causing orographic rainfall." Discuss this	
	statement by citing example from India? (20 marks)	
		Page
		11

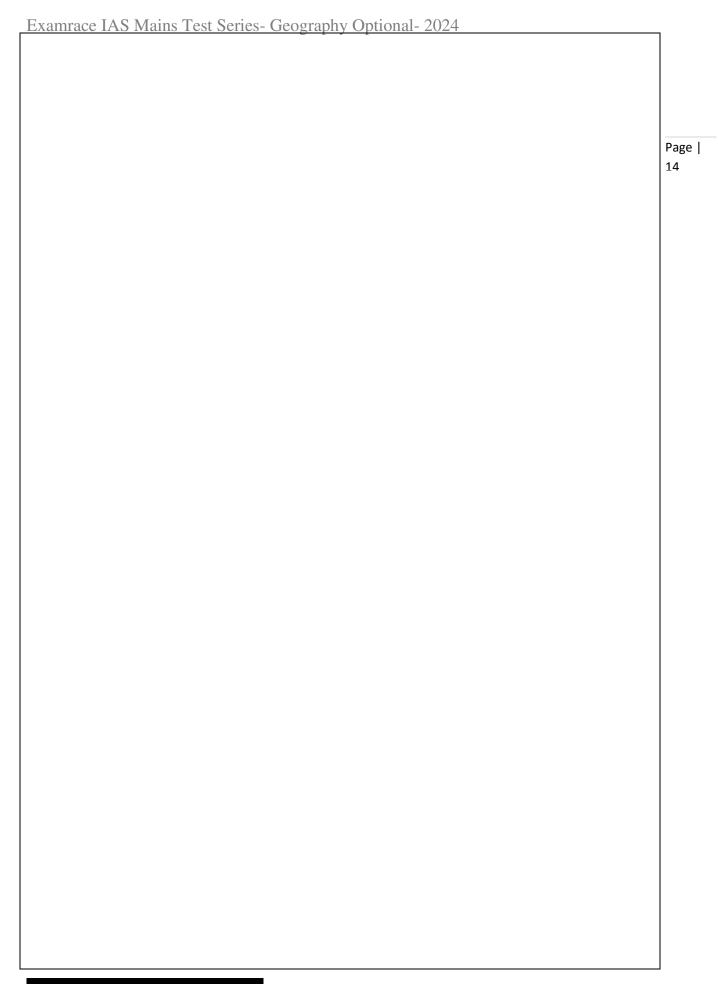








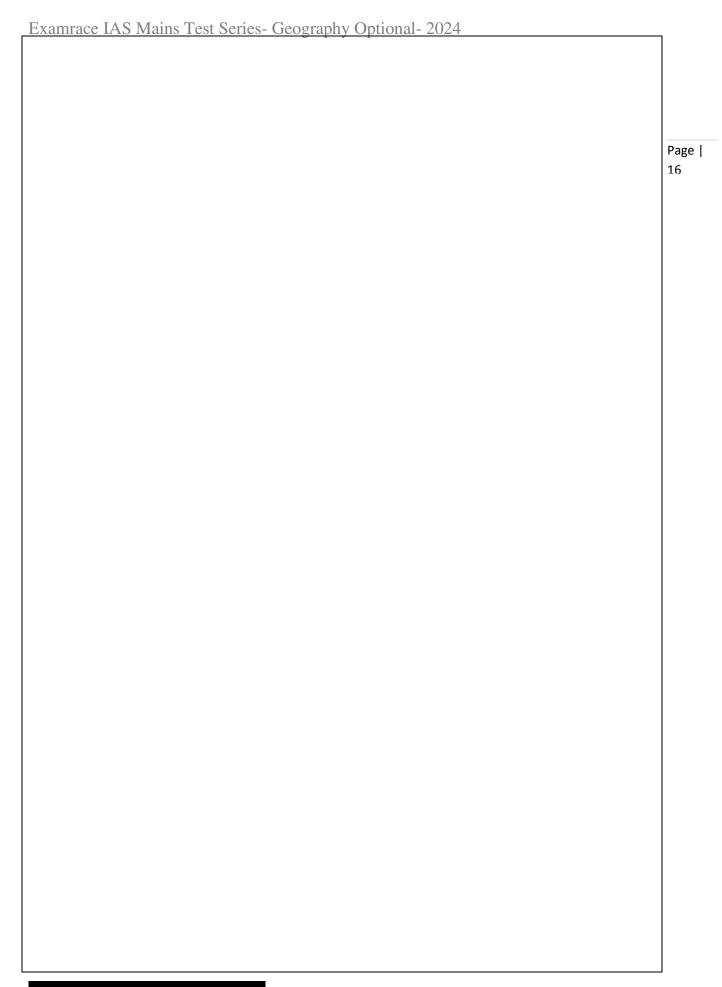




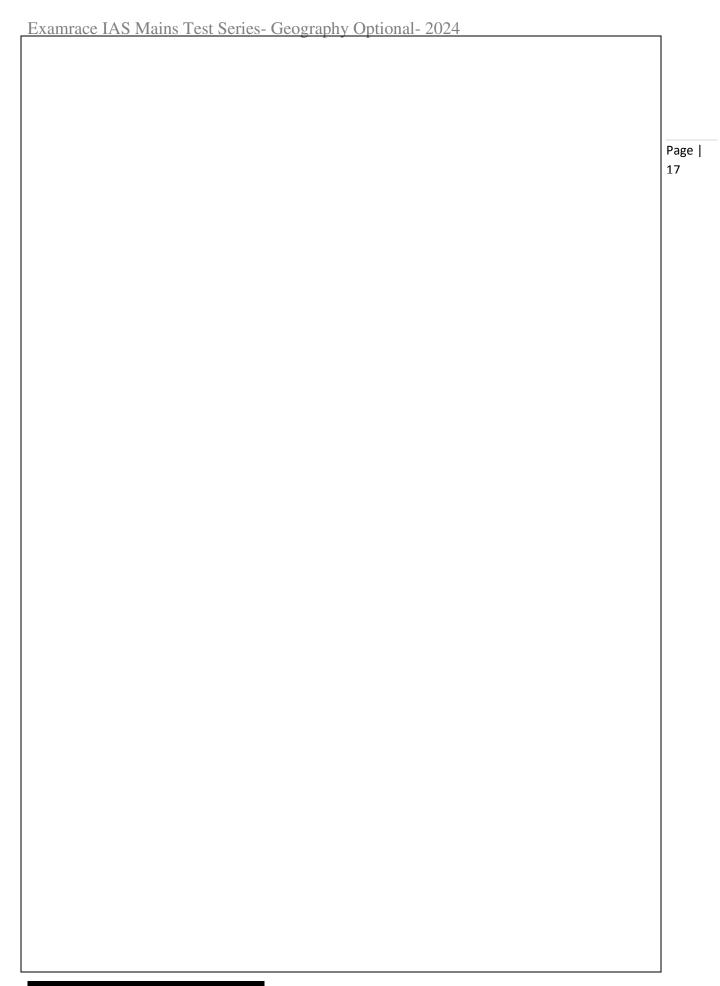


Examrace IAS Mains Test Series- Geography Optional- 2024 (b) What is the difference between Thornthwaite climatic classification and Koppen climatic classification? Why potential evapotranspiration is important in Thornthwaite's modified climatic system? (15 marks) Page | 15





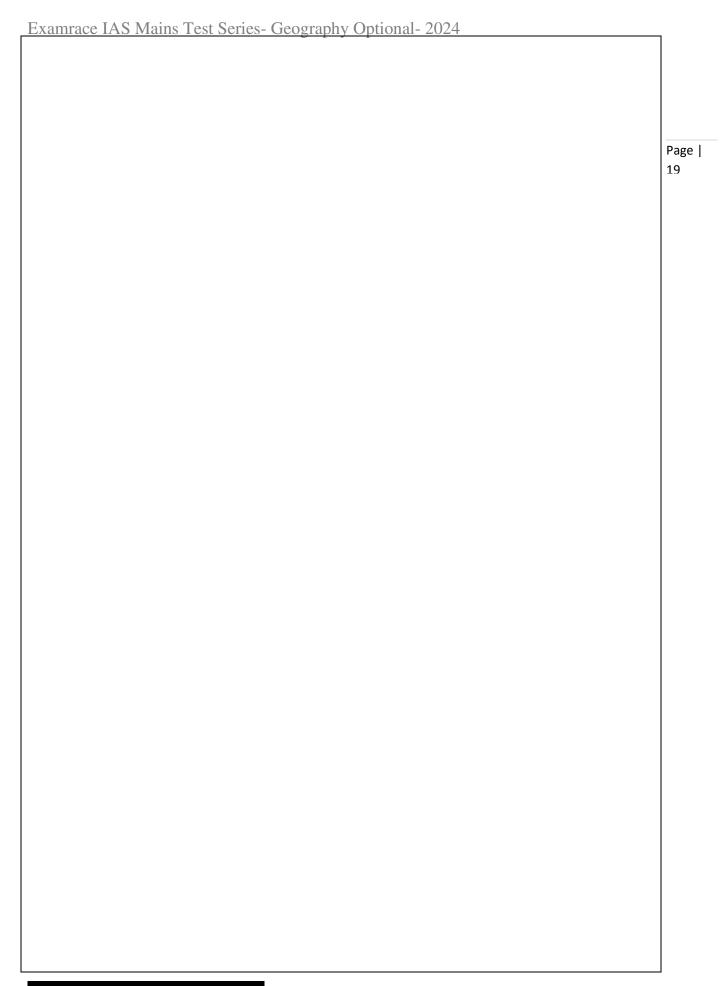




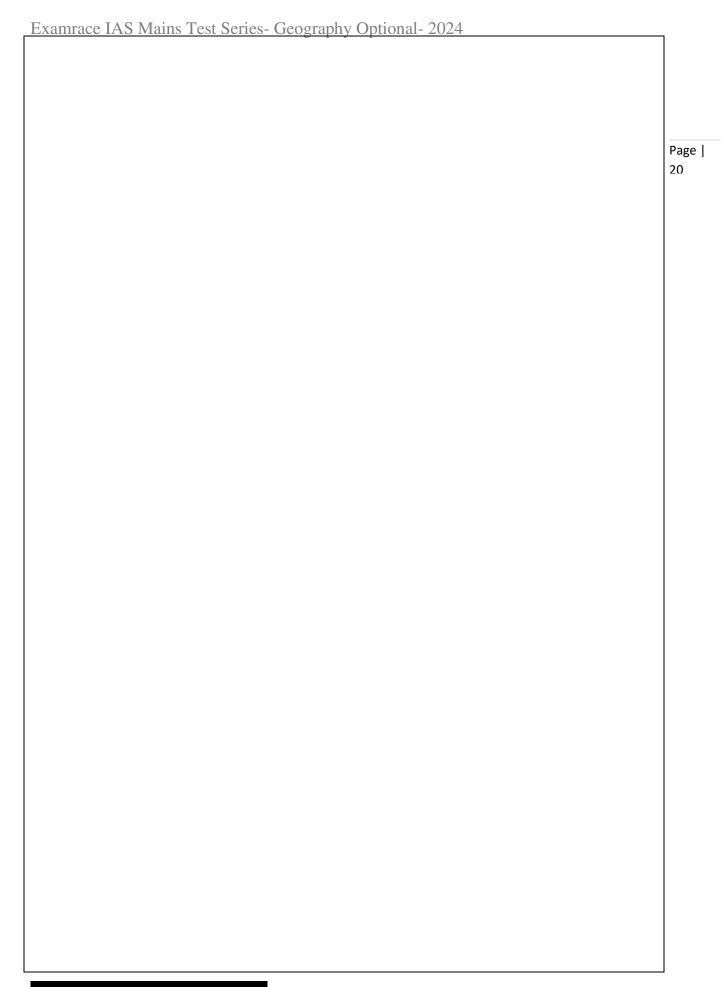


Examrace IAS Mains Test Series- Geography Optional- 2024	
(c) Write a detail on MONEX. Critically describe the classical theory of origin of monsoon and its	
effect on Indian sub-continent. (15 marks)	
	Page
	18





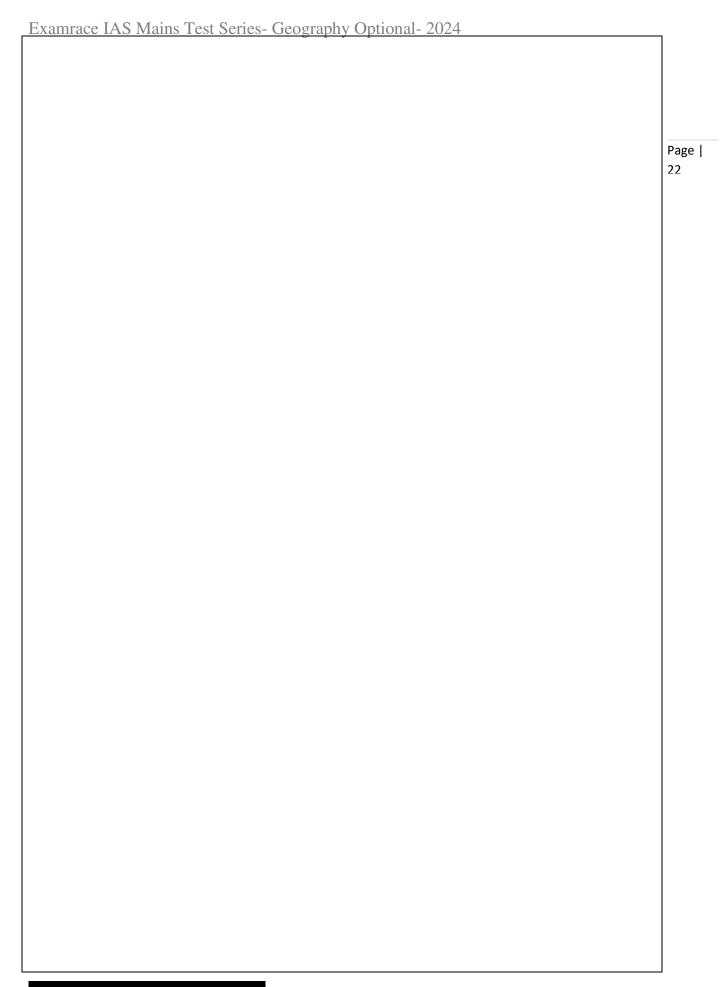




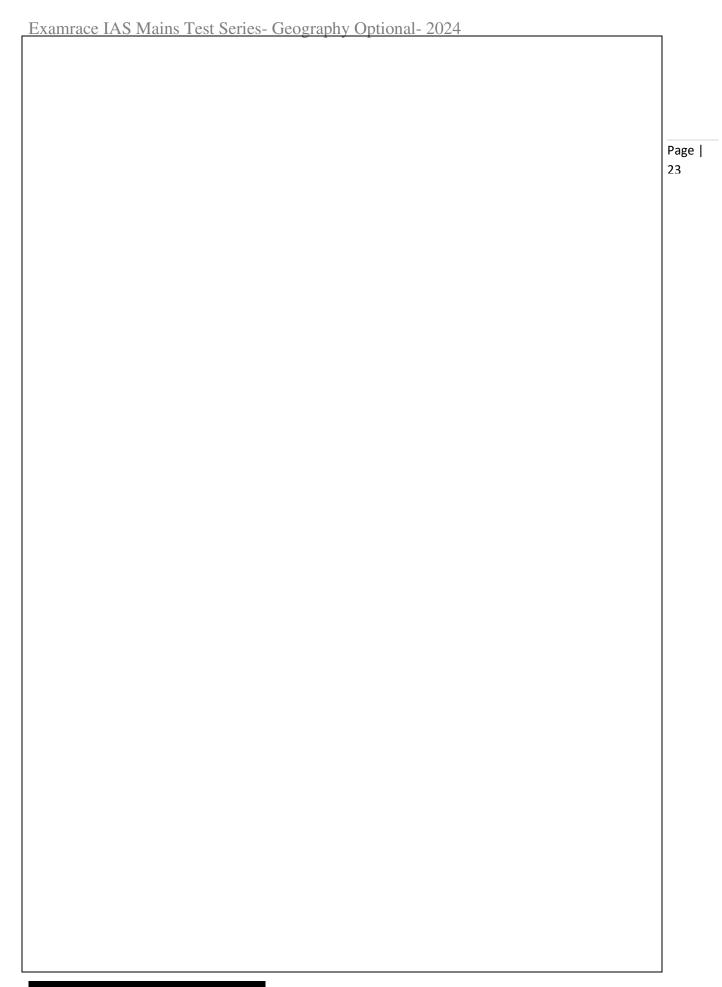


Examrace IAS Mains Test Series- Geography Optional- 2024	٦
3(a) "Cooling of large muscles of humid air is essential to produce rainfall". Elaborate the statement by	7
citing suitable examples. (20 marks)	
	Page 21
	21

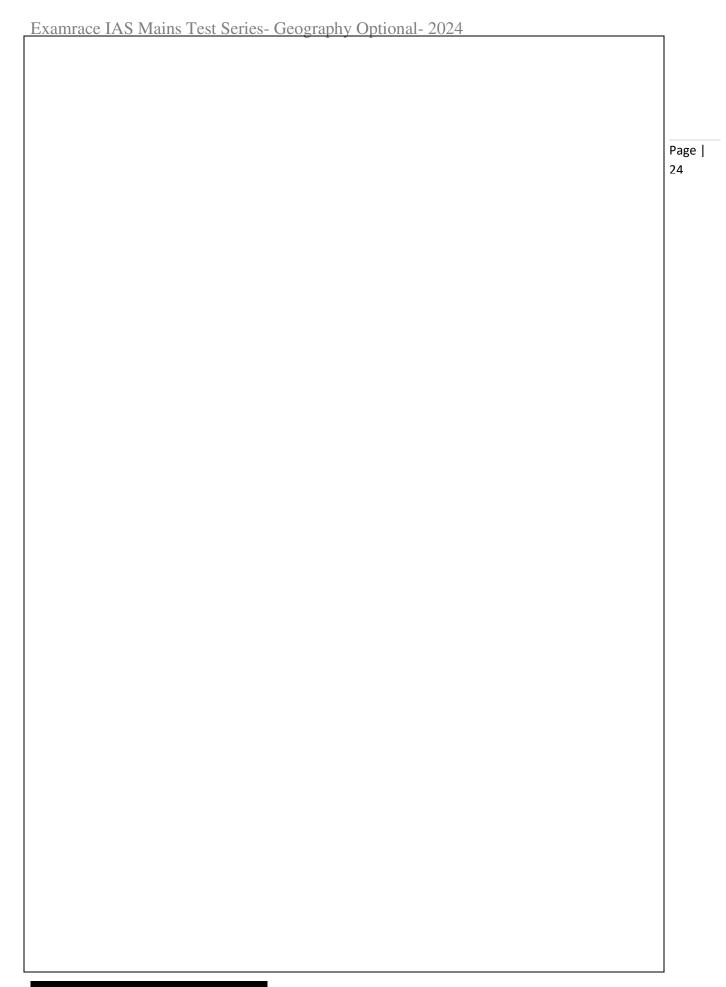








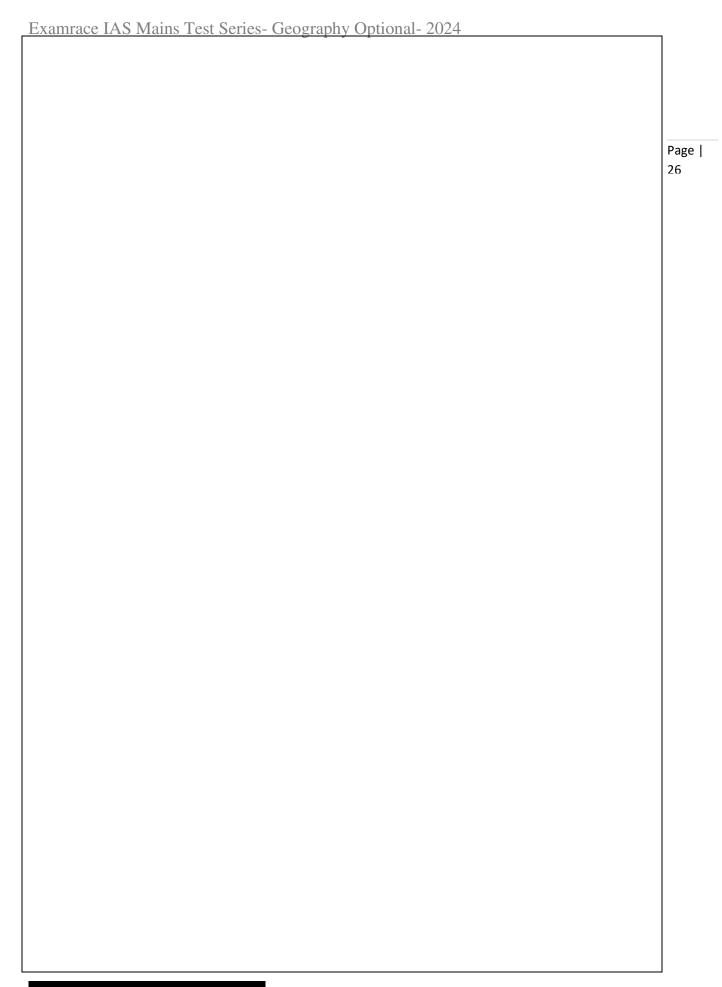




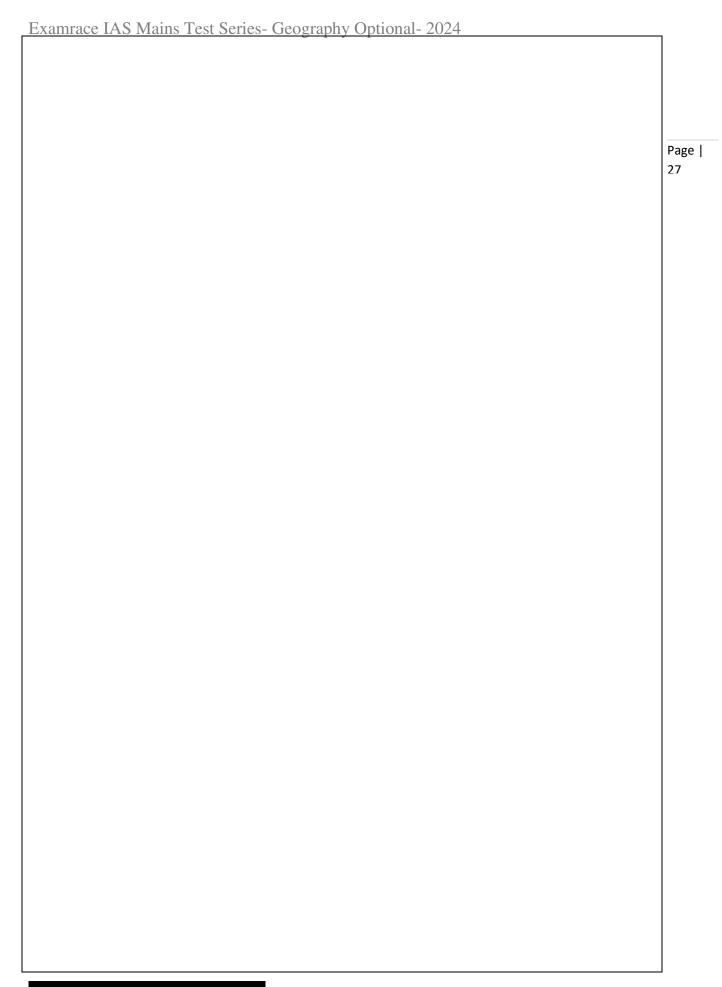


Ch) Some of the pressure helt is not due to town every difference but one gauged by dynamic force]
(b) Some of the pressure belt is not due to temperature difference but are caused by dynamic force. name this zone and explain their origin. (15 marks)	
name this zone and explain their origin. (15 marks)	
	Page
	25





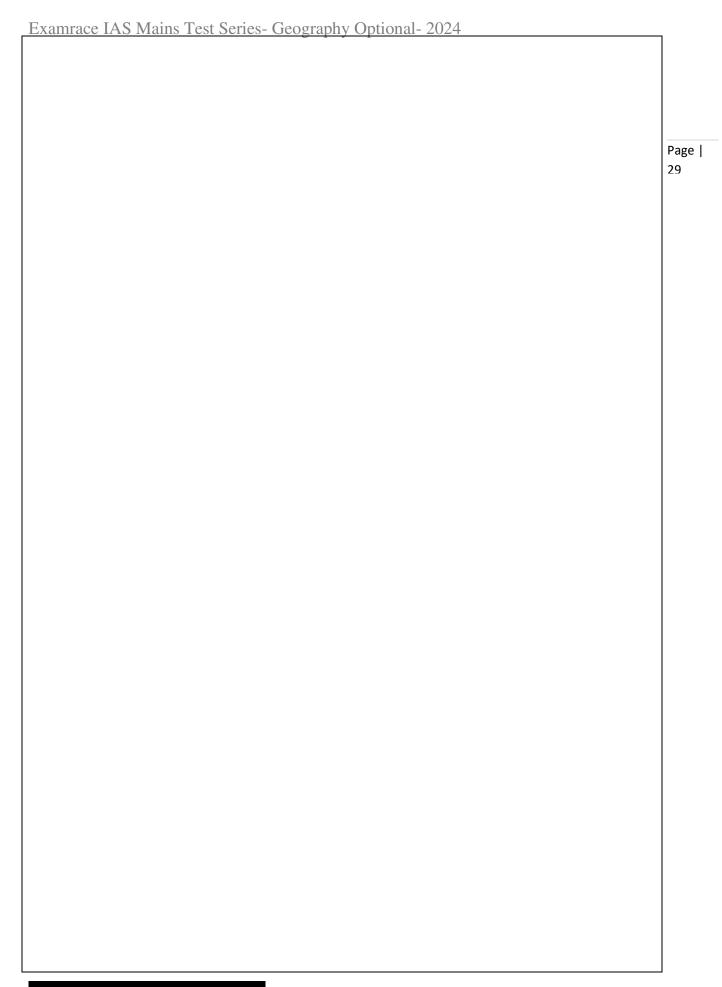




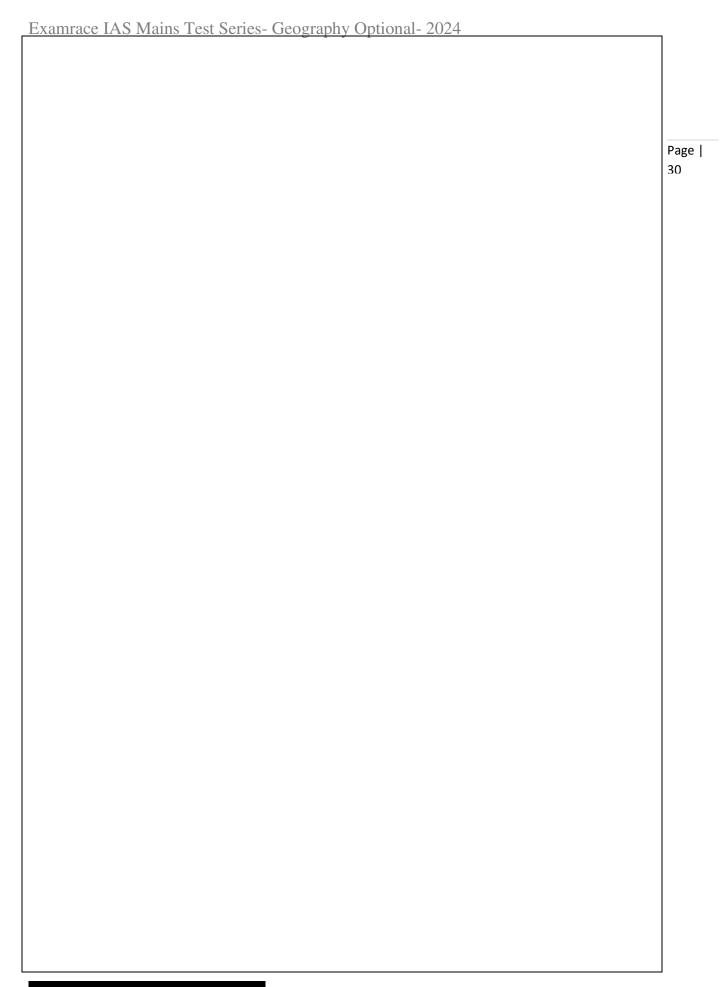


Examrace IAS Mains Test Series- Geography Optional- 2024	
(c) Explain the heat budget and latitudinal heat balance of the Earth with suitable diagram. (15 marks)	
marks)	
	Page
	28





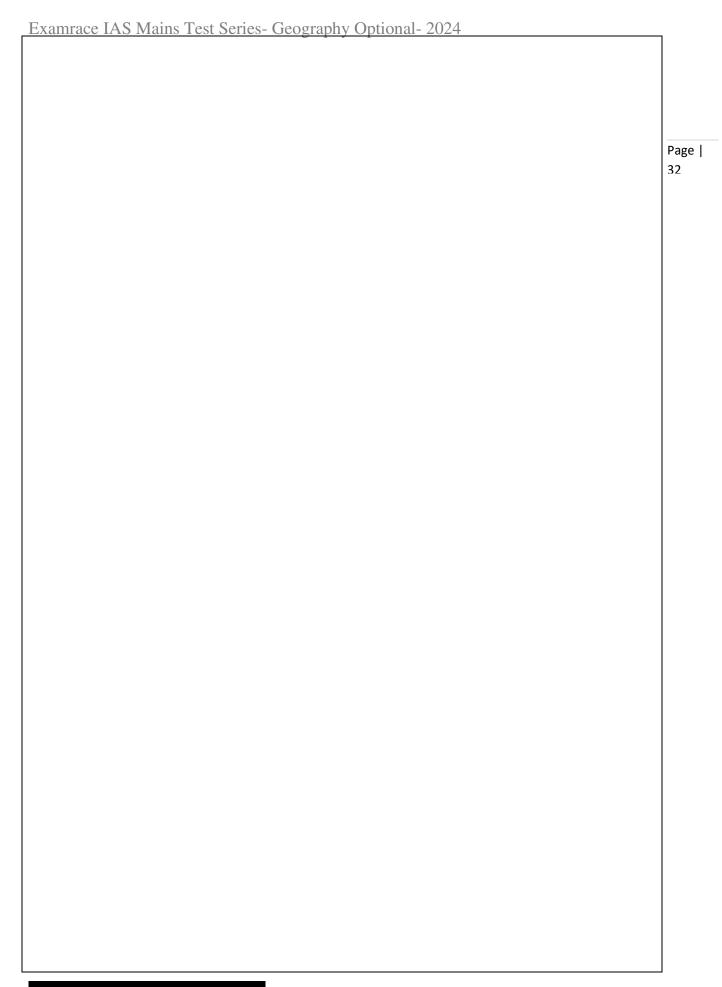




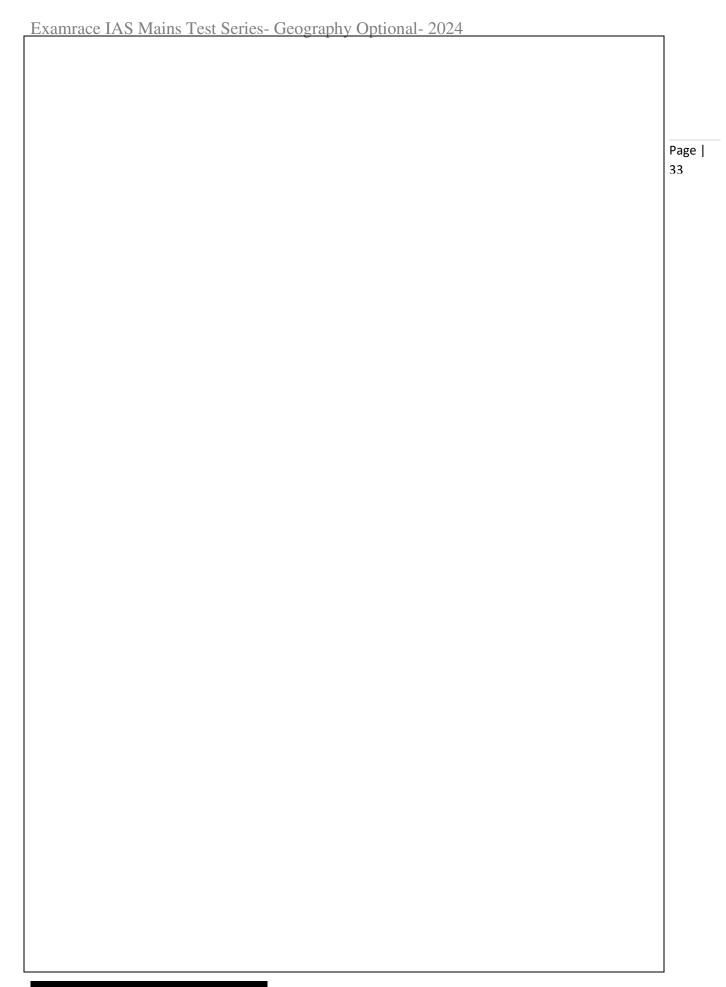


Examrace IAS Mains Test Series- Geography Optional- 2024	
4(a) Describe Sustainable urban climatology with special reference to India. Write down the impact	
of urban heat island in metropolitan cities of India. (20 marks)	
	Dogo
	Page 31

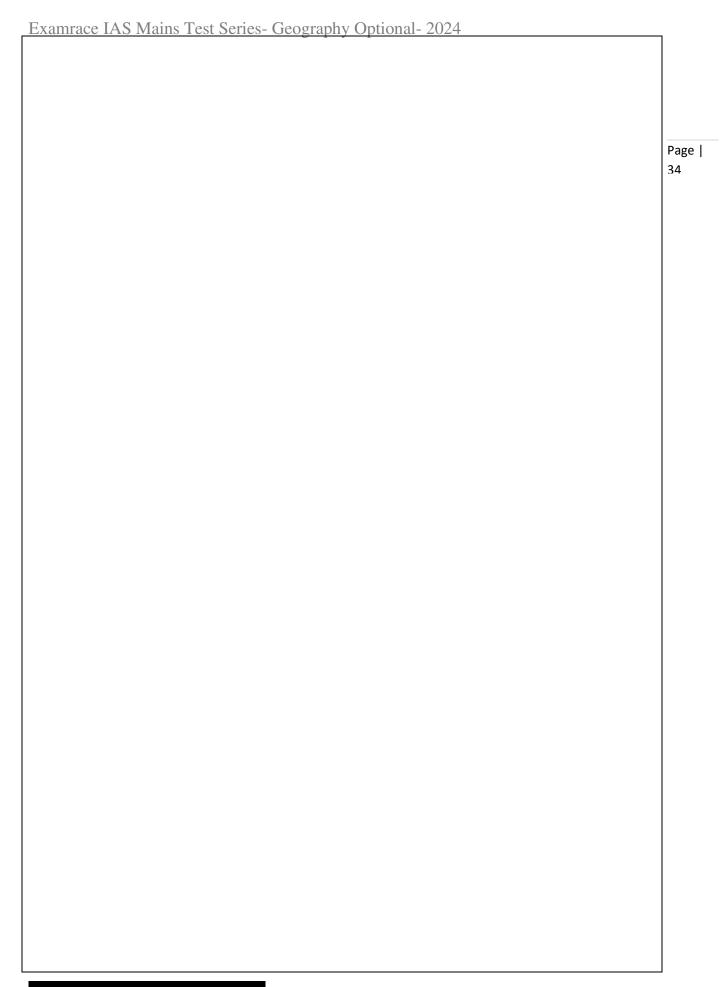








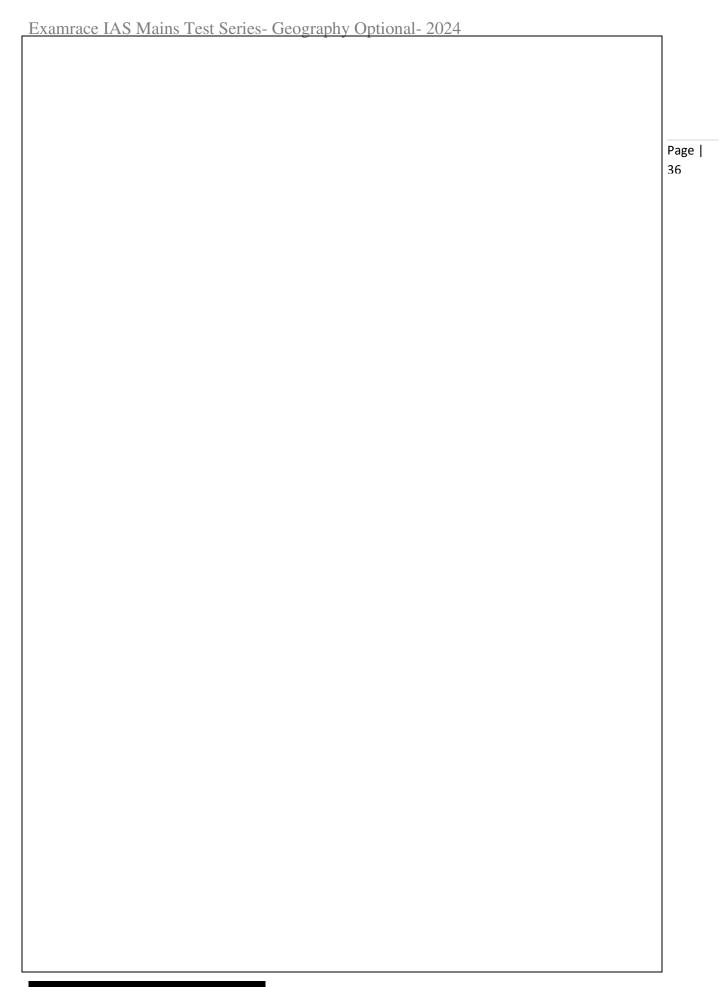




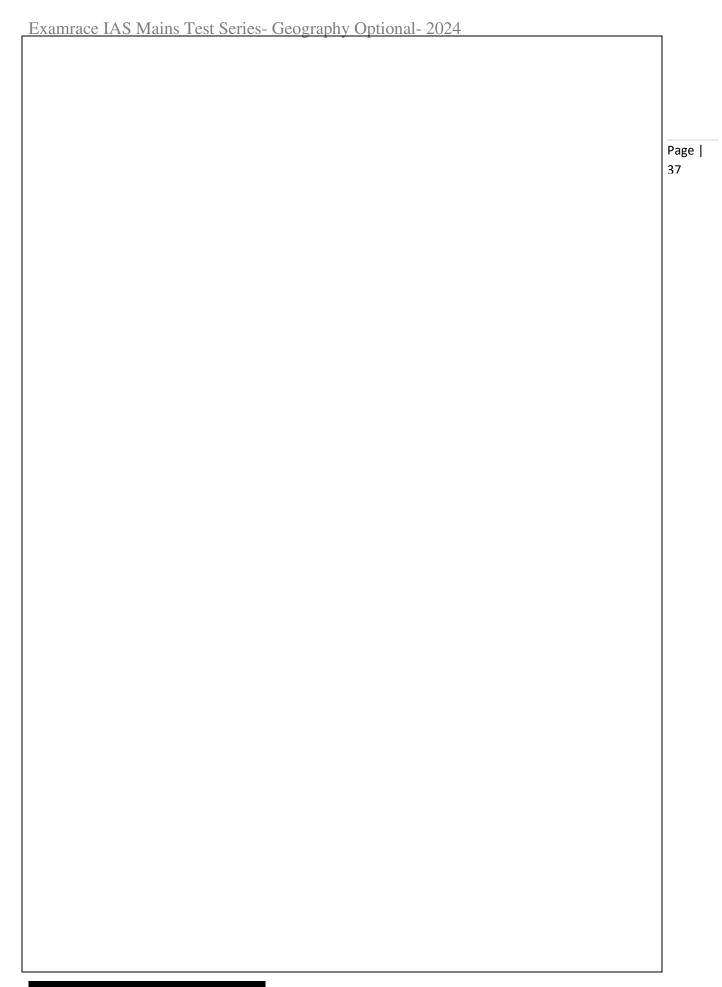


ſ	Examrace IAS Mains Test Series- Geography Optional- 2024	Ī
	(b) Discuss the current of Indian Ocean and discuss the impact of monsoon on them illustrate your	
	answer with map of winter and summer condition. (15 marks)	
		Page
		35





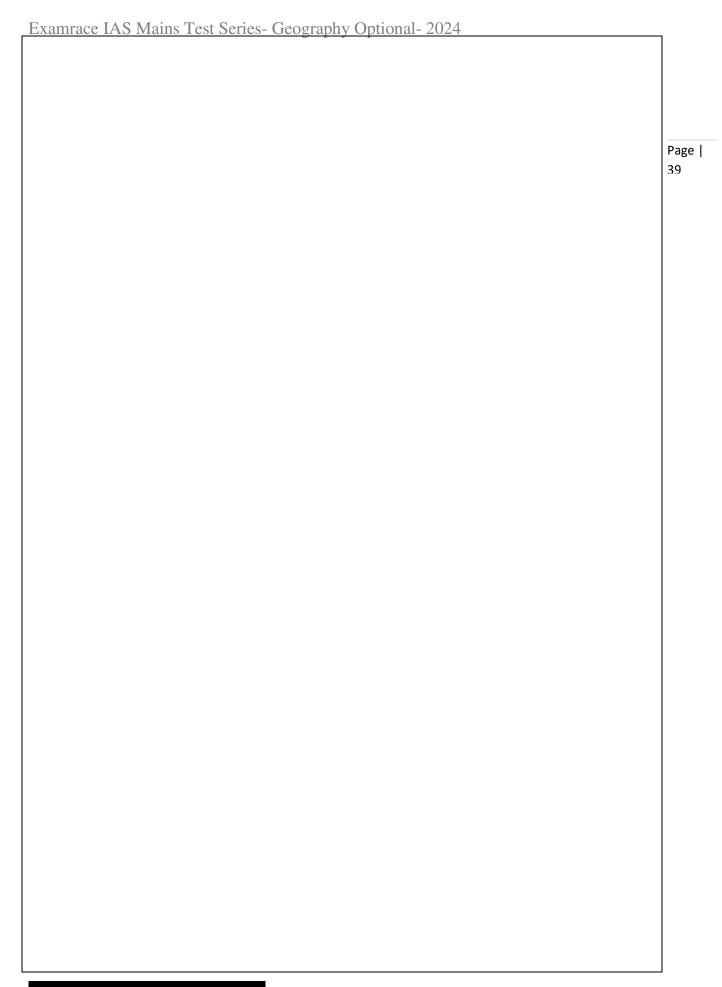




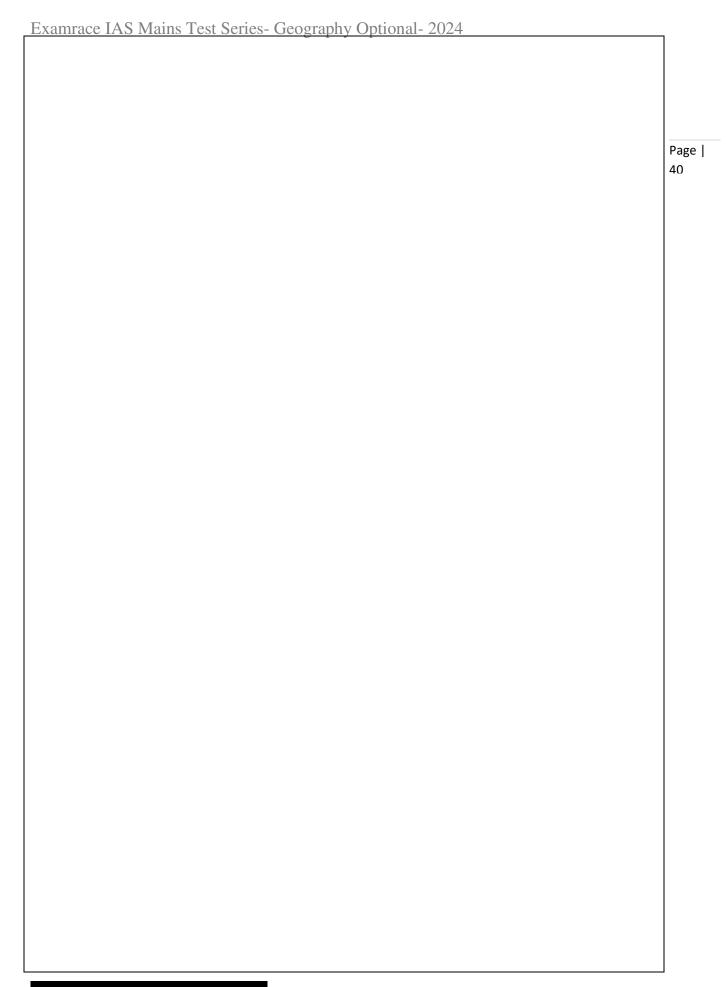


r	Examrace IAS Mains Test Series- Geography Optional- 2024	
	(c) How are the coastal and estuarine ocean and their ecosystems influenced by the global hydrologic	
	cycle, land use, and upwelling from the deep ocean? (15 marks)	
		Page
		38





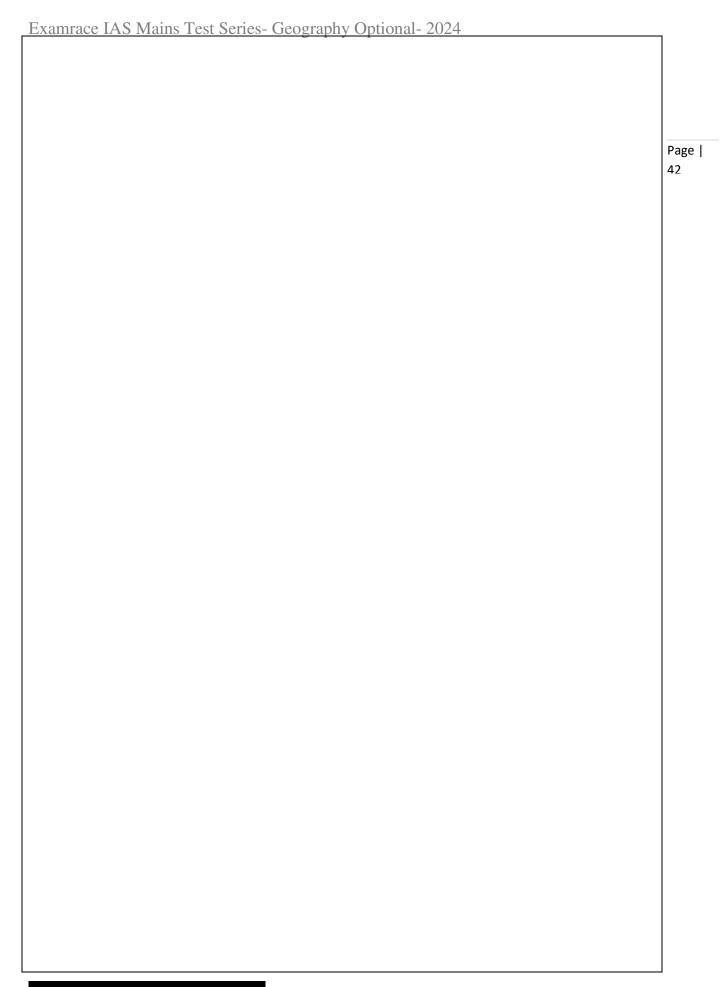




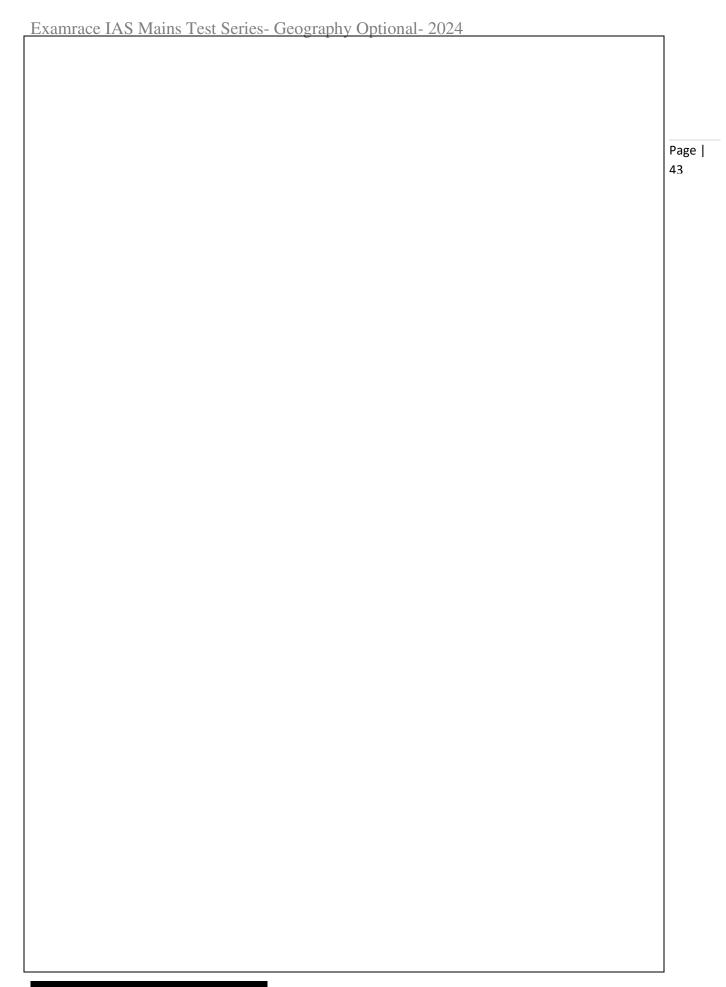


Examrace IAS Mains Test Series- Geography Optional- 2024 5(a) What challenges does the inevitability of sea level rise present to coastal communities and how can communities adapt? How will changes in the ocean and cryosphere affect meeting the Sustainable Development Goals (SDGs)? (20 marks) Page | 41

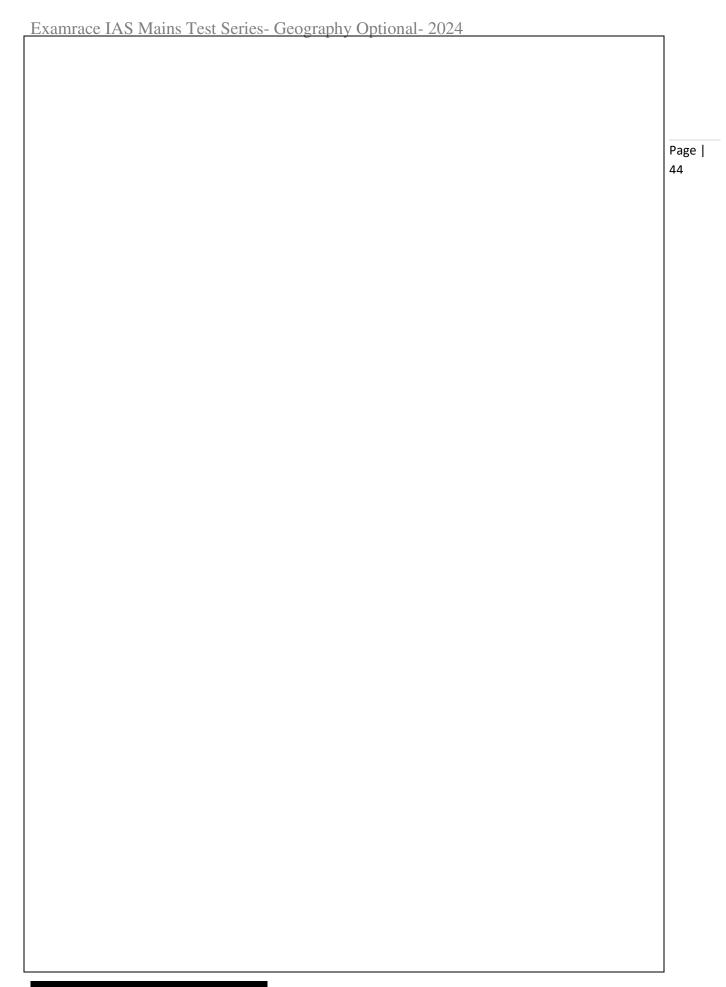








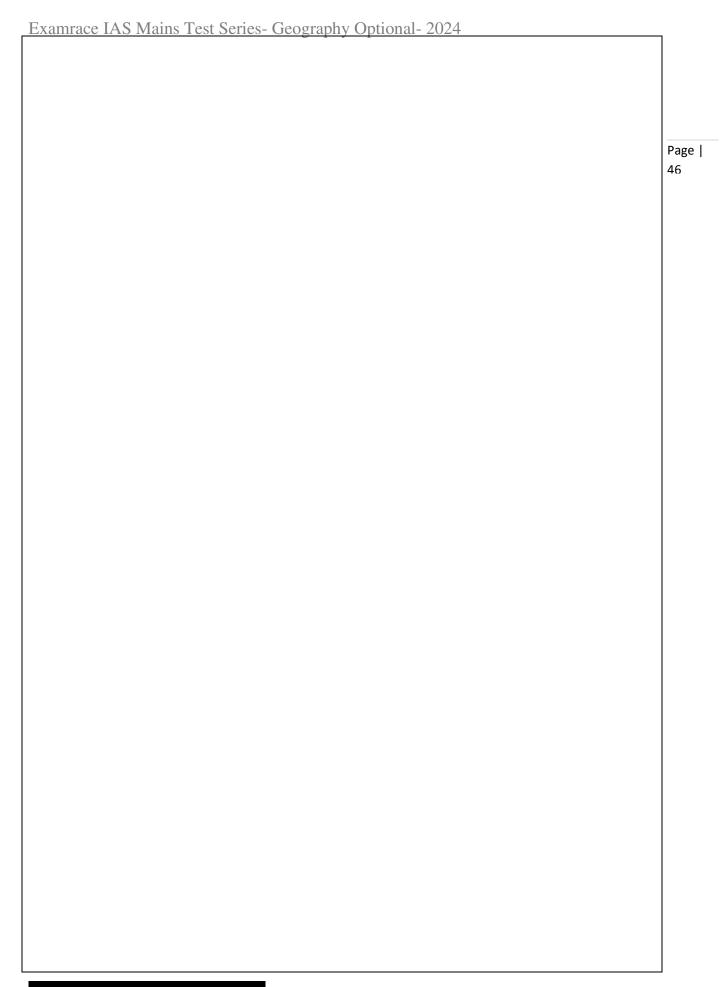




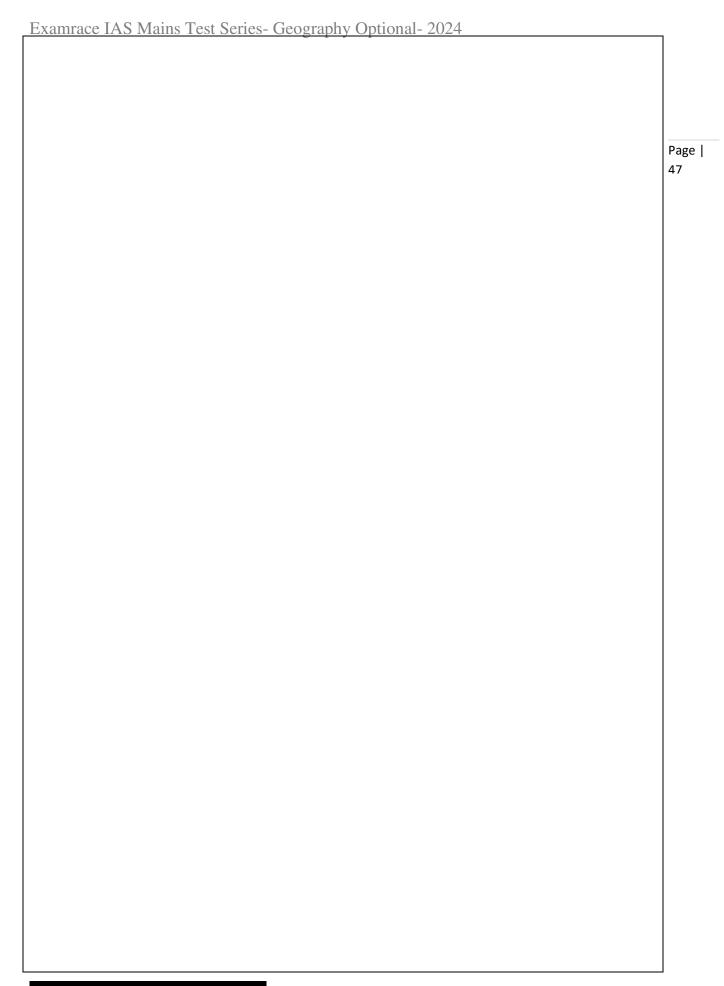


(b) Explain how the salinity of ocean water affects its density? Discuss systematically the major submarine feature gives specific example from all this three major ocean. (15 marks)	
submarme reature gives specific example from all this three major ocean. (15 marks)	
	Page











Examrace IAS Mains Test Series- Geography Optional- 2024 (c) What do you mean by Phytoplankton? How different will marine food webs be at mid-century? In the next 100 years. (15 marks) Page | 48



