

BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI

First Semester 2023-24 (End-Semester Examination)

GS F212 – Environment Development and Climate Change

Date: 07/12/2023

Max Duration: 180 min.

Max.Marks:80

Instructions: This paper has two parts: Part A for 1.5 hour (close book) & Part B for 1.5 hour (open book); All questions in this paper carry 10 marks each. Suggested word limit: 300-400.

Attempt questions in their original order. Use both paragraphs and bullet points in your answers. Write legibly and underline important concepts.

Part A (Close-book): 4*10= 40M

1. Explain the dangerous experimentation with democracy using the perspective of Technocratic Challenges (10 M).
2. Discuss the context in which the concept of Sustainable Development became prominent in the Earth Summit (8M). Provide the exact definition of the concept of Sustainable Development (2 M).
3. Discuss the need and impact of the Cairo Conference that was held in 1994 (10M).
4. Discuss the three major perspectives on framing the environmental destruction along with the causes and solutions they offer (10M).

Part B (Open-book): 4*10= 40M

Note: Copying verbatim directly from the reading material will be punished with zero marks for that answer.

5. In the words of John Schaar (1993), “The future is not some place we are going to, but one we are creating. The paths to it are not found but made, and the activity of making them changes both the maker and the destination”. Using this as an inspiration identify potential green areas and eco-friendly landscapes to be developed within the BITS Pilani, Pilani campus to enhance quality of life standards for the community members. Suggest the facilities that need to be created and species that could be sheltered in those areas (10M).
 6. Discuss the I= PAT and I= PACT formulae with an example of a prominent student festival of BITS Pilani, Pilani campus. Compare both models and suggest appropriate measures for prevention of further environmental destruction during and after the selected event (10M).
 7. Consider all the 8 driving forces of environmental destruction given in the reader, rearrange them in descending order of preference from the most dangerous driving force to the least dangerous of all. Justify your order with appropriate everyday life illustrations (10M).
 8. Explain the Political Economy based driving forces of environmental destruction in your own words, and explain these concepts with your own examples (10M).
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