



National Officers Academy
Mock-4 for CSS-2025
August 2024
ENVIRONMENTAL SCIENCE

TIME ALLOWED: THREE HOURS PART-I(MCQS): MAXIMUM 30 MINUTES	PART-I (MCQS) 20	MAXIMUM MARKS = 20
	PART-II 80	MAXIMUM MARKS = 80

NOTE:

- i. **Part-II** is to be attempted on the separate **Answer Book**.
- ii. Attempt **ONLY FOUR** questions from **PART-II**. **ALL** questions carry **EQUAL** marks.
- iii. All the parts (if any) of each Question must be attempted at one place instead of at different places.
- iv. Write Q. No. in the Answer Book in accordance with Q. No. in the Q. Paper.
- v. No Page/Space be left blank between the answers. All the blank pages of Answer Book must be crossed.
- vi. Extra attempt of any question or any part of the question will not be considered.

SUBJECTIVE PART — PART-II

- Q. 2.** Pakistan is facing with deteriorated air quality. Explain the phenomenon, effects & give appropriate measures. (20)
- Q. 3.** Define Risk Analysis. Discuss the four steps of risk analysis used by EPA. (20)
- Q. 4.** What is the importance of public participation in an Environmental Impact Assessment (EIA) process? What is the difference between EIA and Strategic Environmental Assessment (SEA)? (20)
- Q. 5.** (a) Define Environmental Economics and explain briefly the interrelationship between Environment and Economics. (10)
(b) Explain the phenomenon of eutrophication. (10)
- Q. 6.** (a) Give highlights of National Climate Change Policy of Pakistan. (10)
(b) What are technological approaches to Environmental management? (10)
- Q. 7.** (a) Biodiversity is under threat due to the human activities. Give causes, effects and measures. (10)
(b) Write in detail the effect of climate change on natural and societal systems. (10)
- Q. 8.** Write short notes on any four of the following (5 marks each)
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| 1- Ecological restoration | 4- Wetlands |
| 2- Disaster Risk Management | 5- Food Insecurity |
| 3- CBD | 6- Montreal Protocol |

Best of Luck for CSS-2025