FEDERAL PUBLIC SERVICE COMMISION
COMPETITIVE EXAMINATION-2022
FOR RECRUITMETN TO POSTS IN BS-17
UNDER THE FEDERAL GOVERNMENT

ENVIRONEMTNAL SCIENCE

Time Allowed:	THREE HOURS	PART-I (MCQS)	MAXIMUM MARKS = 20
PART-I (MCQS):	MAXIMUM 30 MINUTES	PART-II	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 blank pages of Answer Book must be crossed
(vi) Extra attempt of any question or any part of the question will not be considered

PART-II

Q2. Why are environmentalists are interested in wetlands? Describe various mechanisms for sustainable management of wetlands in Pakistan.

Q3. Write in detail the history and main features of the Indus Water Treaty with a special focus on its significance in the current scenario of water stress in Pakistan.

Q4. What is anaerobic degradation? Describe the four key stages in the anaerobic degradation of organic waste.

Q5. What are the potential environmental impacts of China Pakistan Economic Corridor (CPEC)?

Q6. If the population of the top carnivores declines, what will happen to the landscape ecosystems?

Q7. What i the ozone layer? E plain its depletion resulting from the atmospheric NO, H, OH, and CI.

Q8. W ite short notes on any FOUR of the following:

1. GIS and RS
2. Biodiversity loss
3. Atmospheric smog
4. Population
5. Air Pollution
6. Green House Gases

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