



FEDERAL PUBLIC SERVICE COMMISSION
COMPETITIVE EXAMINATION-2020
FOR RECRUITMENT TO POSTS IN BS-17
UNDER THE FEDERAL GOVERNMENT
ENVIRONMENTAL SCIENCE

Roll Number

TIME ALLOWED: THREE HOURS	PART-I (MCQS)	MAXIMUM MARKS = 20
PART-I(MCQS): MAXIMUM 30 MINUTES	PART-II	MAXIMUM MARKS = 80
<p>NOTE: (i) Part-II is to be attempted on the separate Answer Book.</p> <p>(ii) Attempt ONLY FOUR questions from PART-II. ALL questions carry EQUAL marks.</p> <p>(iii) All the parts (if any) of each Question must be attempted at one place instead of at different places.</p> <p>(iv) Write Q. No. in the Answer Book in accordance with Q. No. in the Q.Paper.</p> <p>(v) No Page/Space be left blank between the answers. All the blank pages of Answer Book must be crossed.</p> <p>(vi) Extra attempt of any question or any part of the question will not be considered.</p>		

PART-II

- Q. No. 2.** (a) Write the main principles of Rio Summit 1992. (10)
- (b) Discuss the dose response relationship in Environmental Toxicology. (10) **(20)**
- Q. No. 3.** (a) Write the physico chemical parameters of waste water and also explain waste water treatment technologies. (10)
- (b) Discuss the major outcomes of Clean Development Mechanisms (CDM). (10) **(20)**
- Q. No. 4.** (a) Discuss in detail the Hospital Waste Management codes of Practice. (10)
- (b) Enlist the conventions and treaties passed in Agenda 21. (10) **(20)**
- Q. No. 5.** (a) Define and explain the Eutrophication of water body. (10)
- (b) What are technological approaches to Environmental management? (10) **(20)**
- Q. No. 6.** (a) What are main steps of conduction Environmental Impact Assessment (EIA)? (10)
- (b) Discusses briefly noise pollution. (10) **(20)**
- Q. No. 7.** (a) What is green revolution? Give a brief account of green revolution in Pakistan. (10)
- (b) Define Environmental Economics and explain briefly the interrelationship between Environment and Economics. (10) **(20)**
- Q. No. 8.** (a) Discuss the solid waste disposal technique. (10)
- (b) Write in detail the effect of climate change on natural and societal systems. (10) **(20)**
