

ROLL No.:-----NAME:-----

Submission deadline: **18th April, 2019****Instructions:**

- (i) Attach this page with the assignment. Use A4 sized pages.
- (ii) Please write in your words. Copying and pasting the written material is not accepted.
- (iii) According to HEC policy, the similarity index should not be greater than 18%. The assignment should be hand-written.
- (iv) Quote reference at the end of each question as: authors' name(s), book or journal, title of book or paper, year, volume number, issue number. In case of an internet resource, provide URL and all relevant details.

Question 1: Write a note on 'Ocean Current Circulations and Conveyor Belt'. Draw its illustration in colors. (10)

Question 2: Discuss Urban Air Pollution including chemical and atmospheric processes. Describe types of urban Atmospheric inversions with illustrations. (5+5)

Question 3: Search environmental impacts of smog in Lahore city during last two years, from Newspapers or web and write them into your words. (10)

Question 4: Explain causes of Acid Rain, its effects on forest ecosystem, Lake Ecosystem and on human society. (10)