

ST. JOSEPH'S COLLEGE (AUTONOMOUS), BANGALORE-560 027
MID-SEMESTER EXAMINATION - AUGUST 2019
B.Sc. ENVIRONMENTAL SCIENCE - V SEMESTER
ES 5115: AIR, WATER AND LAND POLLUTION

TIME: 1 Hour

Max. Marks: 30

Instruction: Draw diagrams wherever necessary

PART-A

Answer any FIVE of the following.

5x2=10

1. Define Air pollution.
2. Differentiate between primary and secondary air pollutants.
3. Present a list of water pollutants.
4. Define sewage. List its characteristics.
5. List the types of aeration.
6. List the effects of land degradation.
7. Mention the control methods of thermal pollution.

PART-B

Write explanatory notes on the following.

2x5=10

8. Gravity settling chamber

OR

Rubber cracking

9. Reclamation of saline soils.

OR

Oxygen Sag Curve

PART- C

Answer the following.

1x10=10

10. With the help of a flow sheet, explain the activated sludge process.

OR

With the help of a sketch, explain the working principle of a Bag filter.