

ST. JOSEPH'S COLLEGE (AUTONOMOUS), BANGALORE-560 027
MID-SEMESTER EXAMINATION - AUGUST 2019
B.Sc. ENVIRONMENTAL SCIENCE - V SEMESTER
ES 5215: ENVIRONMENTAL SANITATION, HEALTH AND SAFETY AND
ENVIRONMENTAL TOXICOLOGY

TIME: 1 Hour

Max. Marks: 30

Instruction: Draw diagrams wherever necessary

PART-A

Answer any five of the following.

5x2=10

1. Mention the permissible limits of noise for residential, commercial and industrial zones.
2. Define the terms Occupational Safety and health.
3. Define hazard identification.
4. Define Bioassay. Mention its utility.
5. Differentiate between Contaminant and Pollutant.
6. Compare toxinology and environmental toxicology.
7. Differentiate between a dose and dosage.

PART-B

Write explanatory notes the following.

2x5=10

8. Effects of noise on marine animals

OR

Physical and chemical hazards

9. LD₅₀ AND LC₅₀

OR

ADI and Safety.

PART- C

Answer the following.

1x10=10

10. Present the experimental design of an acute toxicity test.

OR

Discuss the methods of control of noise with respect to highways, airports and industries.