

## B.Sc. Sem.-6 Examination

SE-311

Env. Science

April-2025

Time : 2-30 Hours]

[Max. Marks : 70

- Instructions:** (1) Draw figures where necessary.  
(2) Show question number against each answer.  
(3) Figures in right are marks.

Q.1 Write the Industrial safety principles. (14)

**OR**

Q.1(A) Write down different antidotes for chemicals. (07)

Q.1(B) What are the environmental regulations for industrial safety? (07)

Q.2 Write note on functions and roles of all levels of industrial management. (14)

**OR**

Q.2(A) Explain process control and write quality control tools. (07)

Q.2(B) Explain techniques used in industry for management. (07)

Q.3 Explain Risk management in detail. (14)

**OR**

Q.3(A) Write approaches for risk management, its methods and organization structure. (07)

Q.3(B) Explain risk reporting process. (07)

Q.4 Explain Risk assessment in detail. (14)

**OR**

Q.4(A) Write down failure probability. (07)

Q.4(B) Write effects of risk on population. (07)

Q.5 Answer any **seven** out of twelve. (14)

- 1) What is hazard?
- 2) What is OSHA?
- 3) Why is risk mitigation important?
- 4) Which elements are there in fire triangle?
- 5) Noise induced hearing loss is most marker at what dB?
- 6) Define Ergonomics.
- 7) Full form of ISO and TMQ.
- 8) Who is considered as father of Six sigma?
- 9) Define ISO 14000.
- 10) What is role of management?
- 11) What is Eco-mark?
- 12) Write full form of PASS in industrial safety.