

Total No. of Pages: 1

**6793**

Register Number

Name of the Candidate:

**M.B.A. DEGREE EXAMINATION, May 2015**

**(SAFETY MANAGEMENT)**

**(SECOND YEAR)**

**220: SAFETY ENGINEERING**

Time: Three hours

Maximum: 75 marks

---

**SECTION-A**

**(5×3=15)**

**Answer any FIVE questions**

1. What is Ventilation?
2. What is a guard?
3. What the importance of good housekeeping?
4. What is a risk?
5. Define confined space.
6. State the purpose of good ventilation in Industry.
7. What is vibration damping?
8. List the source sources of lighting.

**SECTION-B**

**(3×10=30)**

**Answer any THREE questions**

9. State the importance and need for 5S housekeeping.
10. Draw a plant layout for a chemical industry which manufactures floor sanitizers.
11. How safety is related to productivity?
12. How heat exposures has to be controlled?
13. Write a note on a) Chemical safety    b) Local exhaust ventilation

**SECTION-C**

**(1×15=15)**

**Answer any ONE question**

14. What is noise exposure index? Explain the methods of control of noise pollution.
15. What is lighting? Explain the sources and types of lighting.
16. Discuss the principles of machine guarding and the types of guards.

**SECTION-D**

**(1×15=15)**

**(Compulsory)**

17. What are the safety measures to be followed in a nuclear power plant?

\*\*\*\*\*