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Question Paper Code: 55P07

M.E. DEGREE EXAMINATION, DEC 2020

Elective

CAD / CAM

15PCD507 - INDUSTRIAL SAFETY MANAGEMENT

(Regulation 2015)

Duration: One hour

Maximum: 30 Marks

PART A - (6 x 1 = 6 Marks)

(Answer any six of the following questions)

1. Probability of the event that might occur X Severity of the event if it occurs = CO1-U

(a) Accident (b) Hazard (c) Risk (d) None of the above
2. Industrial safety management is that branch of management which is CO1- R
concerned with _____ hazards from the industries.
(a) Reducing (b) Controlling (c) Eliminating (d) All of the above
3. The following is indirect cost of accident CO2-U
(a) Money paid for treatment of worker (b) Compensation paid to worker
(c) Cost of lost time of injured worker (d) All of the above
4. The following is(are) physical hazard agent(s) CO2-U
(a) Falls (b) Electricity (c) Inhalation (d) All of the above
5. Check list for Job Safety Analysis (JSA) consists of CO3-U
(a) Work area, material, machine, tools (b) Men, machine, material, tools
(c) Men, machine, work area, tools (d) Men, work area. Material, tools
6. A safety programme consists of CO3-R
(a) Three E's (b) Four E's (c) Five E's (d) Six E's

7. For household wiring and small units, the following should be used for safety measure CO4-U
- (a) MCB (b) ACB (c) OCB (d) MCCB
8. Which of the following colour is used for radiation hazard CO4-U
- (a) Red (b) Orange (c) Green (d) Purple
9. Decibel (db) is a unit used to measure CO5-U
- (a) Light (b) Sound (c) Frequency (d) None of the above
10. Water is used to extinguish CO5-U
- (a) Class-A fires (b) Class-B fires (c) Class-C fires (d) All of the above

PART – B (3 x 8= 24 Marks)

(Answer any three of the following questions)

11. Explain different types and levels of safety committee. CO1- U (8)
12. Explain various safety measures in Electroplating and explain electroplating process. CO2-U (8)
13. Explain various safety features to be considered in a plant layout design. CO3- U (8)
14. Explain the various methods of training and development of employees. CO4- U (8)
15. Explain the salient features of environmental protection Act. CO5- U (8)