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JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATION

4th September 2018

M.Tech. (Construction Management) ; 1st Semester

Course Code: 10M11CE114

MAX. MARKS: 15

Course Name: Construction, Safety and Health

Course Credits: 03

MAX. TIME: 1 Hr

Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means.

- Q.1. Write the full form of following abbreviations: (0.2×5=1.0)
(i) OHSAS (ii) AFDSS (iii) DGMS (iv) GFCI (v) OSHA
- Q.2. Explain with a neat diagram the working of a GFCI device. Why is it better than a electrical fuse? (3+0.5=3.5)
- Q.3. Mention any three acts passed by Govt. of India regarding workplace safety. (0.5×3=1.5)
- Q.4. As a Safety-In-charge of a construction site, write any five queries you would include in your check-list while investigating a workplace accident. (0.5×5=2.5)
- Q.5. Describe the three main categories of responsibilities that a supervisor has to carry out in a construction project. (0.5×3=1.5)
- Q.6. What are the different classes of fire? Give one example of each. (0.5×3=1.5)
- Q.7. Write a short note about OSH Act. (2)
- Q.8. What precautions should be taken at a construction site while doing following activities:
(i) Excavation Work (ii) Scaffolding Work (iii) Crane Operation (0.5×3=1.5)