

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -2 EXAMINATION OCTOBER -2018

M.TECH Ist SEMESTER (Construction Management)

COURSE CODE: 07M11CE104

MAX. MARKS: 25

COURSE NAME: Construction, Safety & Health

COURSE CREDITS: 03

MAX. TIME: 1.5 Hrs

NOTE: All questions are compulsory and carry equal marks. Carrying of **mobile phone** during examinations will be treated as case of unfair means. Use of scientific calculator is allowed.

Important Note : Please answer the questions according to their relative marks weightage and the available time constraint.

Q.1) Write the full form of following abbreviations: (0.5×6=3)

(i) P.A.P.R (ii) S.C.B.A (iii) S.A.R (iv) N.R.R (v) C.P.R (vi) A.E.D

Q.2) Answer the following questions: (1 × 3=3)

(i) Name the two classes of Respirators (ii) Maximum limit of impact noise is?

(iii) Describe the A.E.Ds

Q.3) How are the Power Tools classified on the basis of their energy source? (1)

Q.4) Write a note on following: (2 × 3=6)

(i) Spark Resistant Tools (ii) C.P.R. (iii) Zero Harm Behavior based Safety

Q.5) Write a note on safety regulatory features (legislative acts) of Indian mining industry. (3)

Q.6) Describe the hierarchy of controls to ensure workers' safety at a construction site. (3)

Q.7) Describe 4 levels of P.P.Es according to E.P.A's classification (3)

Q.8) Describe the functional characteristics of the three classes of Hard Hats. (3)

END