

V71/BCP104/EE/20160520

Time : 3 Hours

Marks : 80

Instruction :

1. All Questions are Compulsory.
 2. Each Sub-question carry 5 marks.
 3. Each Sub-question should be answered between 75 to 100 words. Write every questions answer on separate page.
 4. Question paper of 80 Marks, it will be converted in to your programme structure marks.
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1. Solve any **four** sub-questions.
 - a) Explain legal job responsibility of construction team members assign health and safety duties under HASAWA Act 1974. 5
 - b) Explain legal job responsibility of employer and employee assign health and safety duties under CDM Act 2007. 5
 - c) Explain legal job responsibility of employer and employee assign health and safety duties under confine space regulation 1997. 5
 - d) Explain legal job responsibility of employer and employee assign health and safety duties under lifting equipment regulation 1998. 5
 - e) Explain legal job responsibility of employer and employee assign health and safety duties under work at height regulation 2005. 5
2. Solve any **four** sub-questions.
 - a) Define PPE? And explain its importance in construction industry. 5
 - b) Explain the important of 'selection and training methods' in construction industry for managing health and safety. 5
 - c) Explain the method use for Hazards identification. 5
 - d) Explain difference between hazards and risk and give example. 5
 - e) Explain causes of various physical hazards in construction work place. 5
3. Solve any **four** sub-questions.
 - a) Define fire extinguisher and its classification. 5
 - b) Define slip and trip hazards? And it causes. 5
 - c) Explain machineries safety and its cause of accidents. 5
 - d) Explain safe work procedure as per lifting equipment regulation 1998. 5
 - e) Explain accident recording and reporting procedure. 5

4. Solve any **four** sub-questions.
- a) Write short note on : 5
- i) Noise
 - ii) Vibration
 - iii) Harmful substance
 - iv) Flammable material
 - v) Explosive substance
- b) Explain legal control measure use to control flammable and explosive substance. 5
- c) Define Risk Assessment? And produce Risk Assessment sheet for following work activity. 5
- Work-Excavation
Area-100 sqm
Depth - 3 meter
Workers - 22 No's
Technical staff - 3 No's
- d) Explain principle of Risk Assessment. 5
- e) Suggest accidents control measure for electrical work activity. 5

