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UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER II
SESSION 2016/2017**

COURSE NAME : OCCUPATIONAL SAFETY AND HEALTH
COURSE CODE : BNP 20402
PROGRAMME CODE : BNB
EXAMINATION DATE : JUNE 2017
DURATION : 2 HOURS
INSTRUCTION : ANSWER ALL QUESTIONS

TERBUKA

THIS QUESTION PAPER CONSISTS OF **FOUR (4)** PAGES

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- Q1.** a) Explain in detail **FOUR (4)** objectives of Occupational Safety and Health Act (OHSA 1994). (10 marks)
- b) Illustrate and explain a system model of OHS-Management system (OHSAS 18001) base on PDCA loop. (15 marks)
- Q2.** As a safety officer, you are assign to prepare the Job Safety Analysis (JSA) for the process of moving a heavy equipment from receiving storage area to working area using forklift. To ensure work activity being carry out safely and healthy, potential hazard need to be identified, assessed and controlled.
- a) Explain **FIVE (5)** potential hazard during the moving process. (10 marks)
- b) Analyze the working process by using risk assessment method. (10 marks)
- c) Generate JSA base on the process in (a) and (b). (5 marks)
- Q3.** **Figure Q3** shows the construction activity for high rise building. One of the activity is scaffolding work.
- a) Prepare a typical point that necessary to be consider by supplier to control and prevent physical injury in scaffolding work activity. (10 marks)
- b) Analyze a typical physical hazard for the whole construction activity. (15 marks)

- Q4.** a) Generate **FOUR (4)** example of near miss category incident in moving activity in construction work. (8 marks)
- b) Base on your near miss incident above (a), develop a Cause Effect Analysis and explain why near miss incident happened. (9 marks)
- c) Generate **FOUR (4)** preventive action to make sure the near miss incident will not occur in the workplace. (8 marks)

-END OF QUESTIONS-

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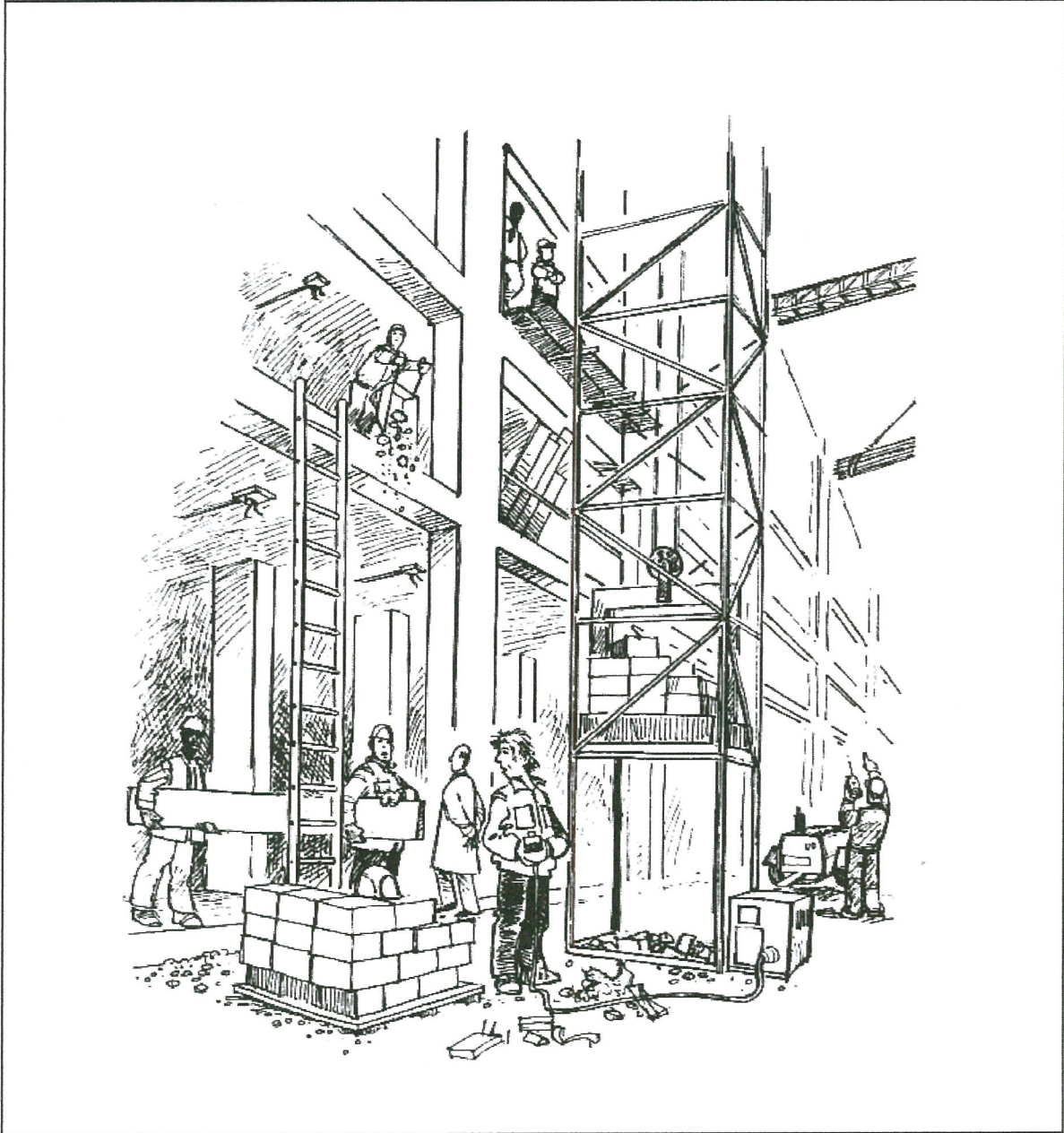


Figure Q3

