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**KOLEJ YAYASAN PELAJARAN JOHOR  
FINAL EXAMINATION**

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**COURSE NAME : OSHA & FACILITIES MANAGEMENT**  
**COURSE CODE : DHM 2093**  
**EXAMINATION : OCTOBER 2018**  
**DURATION : 3 HOURS**

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**INSTRUCTION TO CANDIDATES**

1. This examination paper consists **THREE (3) PARTS**:  
PART A (15 marks)  
PART B (70 marks)  
PART C (15 marks)
2. Answer **ALL** question
3. Candidates are not allowed to bring any material to examination room except with the permission from the invigilator.
4. Please check to make sure that this examination pack consist of:
  - i. Question Paper
  - ii. OMR form
  - iii. Answer Booklet

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**DO NOT TURN THIS PAGE UNTIL YOU ARE TOLD TO DO SO**

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This examination paper consists of **8** printed pages including front page  
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**PART A (TOTAL: 15 MARKS)****INSTRUCTION: ANSWER ALL QUESTION IN OMR FORM**

1. Occupational Safety and Health Act (OSHA) was enacted in \_\_\_\_\_ .
  - A. 1943
  - B. 1957
  - C. 1967
  - D. 1994
  
2. What are the penalty if the employer who failed to ensure safety, health and welfare of employees at the workplace?
  - A. RM10 000 or to imprisonment not exceeding one year or both.
  - B. RM30 000 or to imprisonment not exceeding one year or both.
  - C. RM50 000 or to imprisonment not exceeding one year or both.
  - D. RM100 000 or to imprisonment not exceeding one year or both.

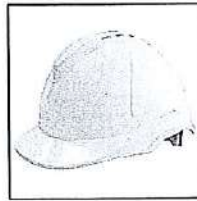


Figure 1

3. Based on the Figure 1 above, it is one of the PPE must use to protect our \_\_\_\_\_ while doing work in the site.
  - A. hand
  - B. head
  - C. face
  - D. body

4. A worker has large hands; he just used the last pair of large gloves in the box. He looked everywhere and there are no large gloves available. Which actions should he take?
- A. He should carry out the activity without gloves.
  - B. He should report he lack of large gloves to his supervisor right away.
  - C. He should file a complaint to the Joint Health and Safety Committee.
  - D. He should wait until next month's Health and Safety meeting to report the lack of gloves.
5. PPE related training must cover the following items **except**:
- A. When and what kind of PPE is necessary.
  - B. How to properly adjust, wear, maintain and dispose of PPE.
  - C. The limitation of the PPE.
  - D. The brand name of the PPE.



Figure 2

6. Based on the Figure 2 above, choose the correct answer with the correct hazard.
- A. Flame
  - B. Flame over circle
  - C. Flame burst
  - D. Flame within circle
7. "Never use flammable and combustible liquids within \_\_\_\_\_ feet of open flames and ignition sources." Based on the statement, choose the correct answer.
- A. 20
  - B. 30
  - C. 40
  - D. 50

8. Crows can be categorized as \_\_\_\_\_ type of pest.
- A. Insects
  - B. Rodents
  - C. Birds
  - D. Other mammals

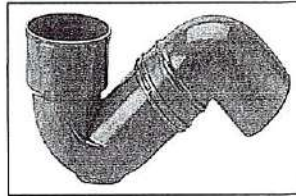


Figure 3

9. The figure above is know as \_\_\_\_\_ .
- A. P trap
  - B. Q trap
  - C. S trap
  - D. Bowl trap
10. The following statement is for the types of fire extinguisher, **except**:
- A. Type A – wood, cardboard, and paper
  - B. Type B – flammable liquid and grease
  - C. Type C – stones
  - D. Type D – combustible metals
11. Which is **not** the ingredient of fire?
- A. Fuel
  - B. Heat
  - C. Oxygen
  - D. Water
12. \_\_\_\_\_ used signs, signals, and barricades do not provide the necessary protection on or adjacent to a highway or street.
- A. Instructions
  - B. Arrow
  - C. Flagman
  - D. Direction

13. OSHA 1994 is emphasis on?
- A. Safety in the workplace.
  - B. Health hazard in the workplace.
  - C. Machinery maintenance in the workplace.
  - D. Facilities insurance in the workplace.
14. OSHA \_\_\_\_\_ address specific hazards such as working in confined spaces, handling hazardous waste or working with dangerous chemicals.
- A. regulations
  - B. standards
  - C. policies
  - D. philosophies
15. In most large facilities, who is responsible for reducing unsafe working conditions and reducing unsafe acts employees?
- A. Chief executive officer
  - B. Chief safety officer
  - C. Occupational safety and health officer
  - D. Chief operations officer

**PART B ( TOTAL: 70 MARKS)****INSTRUCTION: ANSWER ALL QUESTION IN ANSWERING BOOKLET.****QUESTION 1**

a) As a safety officer, you must familiar with the terminology term used. Classify **five (5)** terminology that you know and describe the terms.

**(10 Marks)**

b) List **four (4)** objective of OSHA.

**(4 Marks)****QUESTION 2**

a) The OHSAS Standard is based on methodology of PDCA. Please construct the stage and explained each of the stage.

**(8 Marks)**

b) Occupational Health and Safety Management System is to control the risk in work place by follow the policy. Based on your understanding, illustrate the model for OHSAS 18001:2007 Standard.

**(6 marks)****QUESTION 3**

a) Classify the part of whole body with their personal protective equipment for a chef.

**(8 Marks)**

b) A worker need to undergo a day safety training to expose them with hazard and PPE. As a trainer, classify your purpose of safety training.

**(6 Marks)**

**QUESTION 4**

a) 5S is the system of workplace organisation. Classify the 5s element with explanation.

**(10 marks)**

b) To prevent a fire accident, knowing the element of fire is important. Illustrate the triangle element of fire and draw the signage of flammable area.

**(4 Marks)**

**QUESTION 5**

a) Every equipment and building need to do maintenance activity followed the scheduled prepared by maintenance engineer. List out **eight (8)** advantages in doing preventive maintenance.

**(8 Marks)**

b) An air conditioner is like a refrigerator without the insulated box. Classify the component involved in air conditioner.

**(6 Marks)**



**PART C (15 MARKS)****INSTRUCTION: ANSWER THE QUESTION IN ANSWERING BOOKLET****QUESTION 1**

Abu works as a consultant in Zaida Developer Sdn Bhd. He as a head project is given responsibility to manage a project of new hotel in Damansara. The project given to him not only to build up the hotel building but also build up the hotel management. This is because the owner of the hotel are not familiar with business management and hotel industries. So, the owner put a lot of money to Abu's company. The contractor done build the hotel structure within one year according to the scheduled given by Abu. So, the challenging task for Abu was starting to develop the management team. Therefore Abu taken a first step by organized a management team to do future planning for the hotel. Then Abu asked the team to prepare a document as hotel policy and vision. Then proceed the application of OHSMS management standard. After five years operation, the hotel become success and rated by 5 star hotel.

Based on the story above,

- a) Determine the OHSMS standard Abu prepared for the hotel.

**(1 Marks)**

- b) From your answer, construct the stage of the standard that Abu required for the hotel and summarize the importance of OHSMS management standard.

**(14 Marks)**

**END OF QUESTION**

