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الجمهورية الجزائرية الديمقراطية الشعبية
وزارة التعليم العالي والبحث العلمي

République Algérienne Démocratique et Populaire

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جامعة قاصدي مرباح ورقلة
معهد التكنولوجيا
قسم الهندسة التطبيقية

Corrected answers Exam of English (S1)

Duration 1H30M

Q1. How do you conduct a Job Hazard Analysis? (04 points)

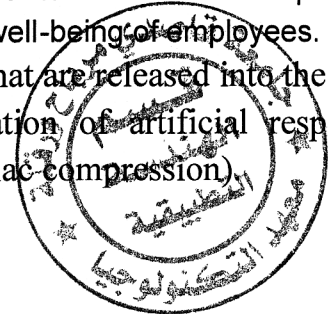
- 1) Break the job task into steps;
- 2) Identify the hazards of each step;
- 3) Review the list of hazards with employees who do the job. Discuss what could eliminate or reduce them;
- 4) Identify ways to eliminate or reduce the hazards.

Q2. List the types of flammable materials (06 points)

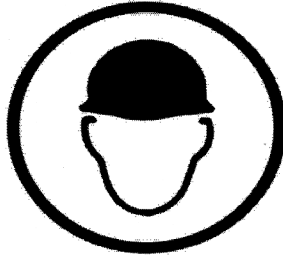
- Class A: Combustible materials (e.g. paper & wood);
- Class B: Flammable liquids (e.g. paint & petrol);
- Class C: Flammable gases (e.g. butane and methane);
- Class D: Flammable metals (e.g. lithium & potassium);
- Class E: Electrical equipment (e.g. computers & generators);
- Class F: Deep fat fryers (e.g. oils or cooking fat).

Q3. Give a clear definition for the following terms (in English) (04 points)

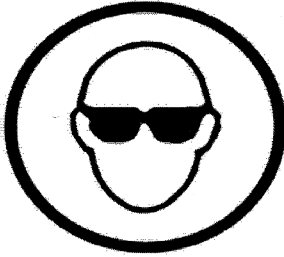
- **Dangerous substance:** Dangerous substances are any substances used or present at work that could, if not properly controlled, cause harm to people as a result of a fire, explosion or similar incident, such as an uncontrolled chemical reaction.
- **Workplace safety:** Workplace safety refers to the working environment at a company and encompasses all factors that impact the safety, health, and well-being of employees.
- **Air emissions:** Waste gases, vapors and small particles that are released into the air.
- **CardioPulmonary Resuscitation (CPR):** A combination of artificial respiration (mouth to mouth) and artificial circulation (external cardiac compression).



Q4. What is the meaning of the following signs? (06 points)



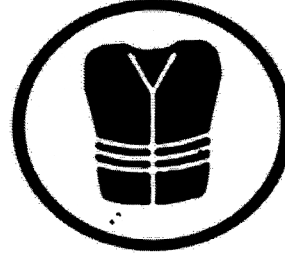
Helmet (head protection)



Safety glasses (eye protection)



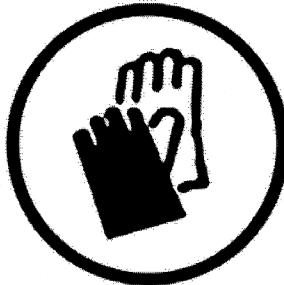
Ear muffs (ear protection)



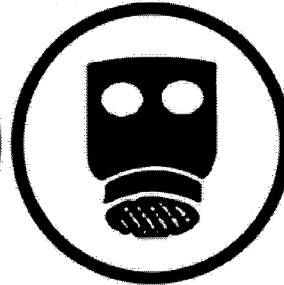
Reflecting vest



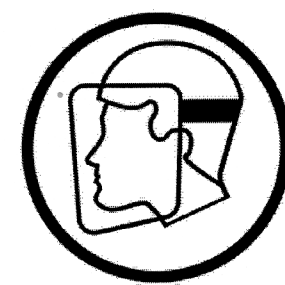
Safety boots (foot protection)



Gloves (hands protection)



Respiratory mask



Face shield



Best of luck