FEEDBACK TUTORIAL LETTER

TEST 1

SECOND SEMESTER 2017

OCCUPATIONAL HEALTH AND SAFETY
[OSH420S]
Dear Students

This Feedback Tutorial letter accompanies your marked TEST 1 for Occupational Health and Safety (OSH420S)

- Highest mark: 82%
- Lowest mark: 42%
- Group average: 64%

Student PI Iita, Student no 20105578 scored the highest mark in the group.

Students who were well prepared for the test scored very high marks. There are also some students who scored low marks due to inadequate preparation.

Section A was fairly well answered but many of you had problems in answering Questions 5 and 6. Please note that there is a difference between a Health and Safety representative/officer and a Health and Safety Inspector. Occupational Health and Safety inspectors are appointed in terms of the regulations relating to Health and Safety of employees at work. Their main duty is to administer and enforce the regulations that govern the health and safety of employees at work, as stipulated in the Labour Act, 1992. See their functions and activities on page 12 of your Study Guide. A Health and Safety representative is someone that is appointed by the company/business to oversee the occupational health and safety in the organisation.

Lastly, it is important that as an instructor, you must know the rules and regulations of the Occupational health and Safety Act. It is very important for instructors to know the health and safety hazards, e.g. a fire which may occur in the workshop and to make sure they know to whom to report serious accidents which might occur in workshops. The machinery therein must comply with the Occupational Health and Safety standards as set out in the labour Act. On page 34-35 of your Study Guide, you will find the procedures for using a fire extinguisher. Many of you could not answer this question and/or misinterpreted the question. Please study these, as you will need
to know how to use a fire extinguisher in the event that a fire will break out at your centre or workshop. Additionally, please read your Study Guide thoroughly as it covers most of the content for this course.

Kind regards

Bernadette E Cloete

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MEMORANDUM - TEST 1

COURSE & COURSE CODE: OCCUPATIONAL HEALTH AND SAFETY, OCH420S

DATE: 25 SEPTEMBER 2017

TUTOR NAME: BERNADETTE CLOETE

TOTAL MARKS: 50

INSTRUCTIONS:

1. Answer all questions as instructed on the booklets provided.

2. This question paper has two (2) sections: A and B.

SECTION A

Question 1: MULTIPLE CHOICE QUESTIONS:

Choose the correct answer by writing the correct letter in your answer sheet.

For example 1. (a)

1.1 The Primary Goal of Occupational Health is about:
   a) Protecting the safety, health and welfare of people engaged in work
   b) Protecting co-workers, family members employers, suppliers, nearby communities and other members of the public who are influenced by the workplace environment
   c) Protecting the natural environment

1.2 In order to maintain good health standards at the workplace the following rules must be adhered to:
   a) Cleanliness, adequate sanitary facilities, Protection against dangerous substances
   b) Wellness of workers
   c) Promoting a positive social climate

1.3 A Safety Guard refers to:
   a) Something that is done in advance in order to avoid risks or dangers
   b) A device designed to prevent a mechanism from being operated unintentionally
1.4 The Ministry responsible for Occupational Health and Safety in terms of the Labour Act of 1992 is:
   a) Ministry of Health and Social Services
   b) Ministry of Labour
   c) Namibia Employers Federation

1.5 Physical Hazards in the workplace refers to:
   a) Unsafe conditions in the workplace that can cause injury
   b) Substances that pose a threat to living organisms, for example bacteria,
   c) Chemical hazards

1.6 An accident is:
   a) An unsafe act
   b) An unsafe condition
   c) Unplanned, something that happens by chance

1.7 The three legs of the Fire Triangle is:
   a) Heat, gas and fuel
   b) Open flames, hot surfaces and electrical overheating
   c) Energy, oxygen and fuel

1.8 The five categories of Fire:
   a) A - Flammable solids, B – Flammable Liquids, C-Gas and liquefied gas, D-
      Flammable metals, E-Electrical fires
   b) A – Flammable Liquids, B-Flammable solids, C-Flammable metals, D-Gas
      and liquefied gas, E-Electrical fires
   c) A-Electrical fires, B-Flammable metals, C-Gas and liquefied gas, D-
      Flammable solids, E-Flammable Liquids

1.9 One of the main reasons why hazardous materials need to be handled and stored correctly are:
   a) To prevent production at the work place
   b) To promote the well-being of people in the work place
   c) To prevent people being exposed to the material and to protect the natural environment

1.10 Industrial pollution is the type of pollution that mainly affects:
   a) natural resources
Question 2: Match the following items: Write your answer for example as 2.1 (a)  

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<thead>
<tr>
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<tbody>
<tr>
<td>2.1</td>
<td>Recycling</td>
<td>(e)</td>
<td>Collecting and reprocessing a resource so that it can be made into new products</td>
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<td>2.2</td>
<td>Precautions</td>
<td>(c)</td>
<td>Something that is done in advance in order to avoid risks or danger</td>
</tr>
<tr>
<td>2.3</td>
<td>Safety guard</td>
<td>(a)</td>
<td>A devise designed to prevent a mechanism from being operated unintentionally.</td>
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<td>2.4</td>
<td>Environmental degradation</td>
<td>(d)</td>
<td>Depletion or destruction of a potentially renewable resource such as soil, grassland, forest, or wildlife that is used up faster that it is naturally replenished</td>
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<tr>
<td>2.5</td>
<td>Pollution</td>
<td>(b)</td>
<td>Something that can cause injury, disease, economic loss or environmental damage</td>
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(5 x 1 = 5 marks)  
1 Mark each

Question 3: Indicate whether the following statements are True/False. If false, give the correct answer.  

3.1 False. Recycling will reduce the strain on natural resources and consumption of energy  
3.2 False. The Four Rs of resource use are: Refuse, Reduce, Reuse and Recycle  
3.3 False. The environment can be described as “all external conditions and factors and living things and non-living things that effect an organism or other specified systems during a lifetime”.  
3.4 False. Natural resources can be classified as things we need for our survival and to create wealth. These include air, water, soil, land, life, non-renewable minerals, renewable energy and non-renewable energy.  
3.5 False. PPCE stands for Personal Protective Clothing and Equipment  

(5 x 2 = 10 marks)  
2 Marks each
### SECTION B

**BRIEFLY EXPLAIN THE WORDS INDICATED ON THE ANSWER SHEET**

<table>
<thead>
<tr>
<th>Question 4</th>
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<tbody>
<tr>
<td>4.1 Biological hazards include bacteria, viruses, insect bites, animal and bird droppings, plants, humans and blood and other body fluids that pose a danger to all people.</td>
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<td>4.2 Sustainable environment can be described as an environment that sustains human and other forms of life over a specified period and does not deplete natural resources.</td>
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<td>4.3 Unsafe acts are when somebody fails to follow rules and regulations and as a result cause an accident.</td>
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<td>4.4 Occupational environment refers to the environment in which we work</td>
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<td>4.5 Occupational Health and Safety is concerned with protecting the safety, health and welfare of people engaged in work or employment and to foster a safe work environment.</td>
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<thead>
<tr>
<th>Question 5</th>
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<tbody>
<tr>
<td><strong>Possible answers</strong></td>
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<tr>
<td>- Train in a safe environment, which complies with the Occupational Health and Safety rules and regulations.</td>
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<td>- Report any misconduct regarding health and safety by the employer.</td>
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<td>- Report any accidents or serious injuries which may occur at my work place</td>
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<td>- Clean the workshop or ensure that the workshop is clean if there are no cleaners.</td>
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<td>- Ensure that there are safety rules and regulations in place in the work place.</td>
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<tr>
<td>- Apply Safety rules and regulations in the workshop</td>
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<td><strong>Note:</strong> Any relevant answers will be accepted.</td>
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<thead>
<tr>
<th>Question 5</th>
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<tr>
<td>5.1 The following rules must be adhered to:</td>
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<tr>
<td>- Cleanliness</td>
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<td>- Adequate sanitary facilities</td>
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<tr>
<td>- Protection against dangerous substances</td>
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Education and Training of both workers and management

5.2 Possible answers

- Ensure that everyone has left the or is leaving the building
- Notify the fire department by dialling the emergency number
- Ensure that the fire is confined to a small area and that it is not spreading beyond the immediate area
- Make sure you have an unobstructed escape route to which the fire will not spread
- Know how to use the fire extinguisher

Note: Any other relevant answers will be accepted.

| TOTAL: 50 |

END OF TEST

GOOD LUCK!