



BOTSWANA COLLEGE OF DISTANCE AND OPEN LEARNING

BACHELOR OF EDUCATION – PRIMARY

COURSE: HEALTH & SAFETY

HS 211

SESSIONAL EXAMINATION

MARKS: 100

DURATION: 3 hours

Instructions to students:

1. Answer all the questions according to instructions given in each section
 2. Answer all questions in the booklet provided
 3. Complete all details as required by the answer booklet
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INSTRUCTIONS

Answer all the instructions on the booklet provided

1. Define the following terms in relation to health and safety **(2 marks each)**
 - a) Accident
 - b) Job Stress
 - c) Safety and Health
 - d) Risk assessment
 - e) First aid

2. Explain the meaning of the phrase “so far as is reasonably practicable” **(4 marks)**

3. Differentiate between the following a criminal liability and a civil liability **(4 marks)**
4. Section 21 imposes the duty on every employer of 50 or more employees to establish a safety and health committee. Explain any **five** functions of the safety and health committee. **(10 marks)**

5. Briefly explain how you would prevent falls in at your work place. **(5 marks)**

6. Explain what Ergonomics is? **(3 marks)**

7. Explain Hand Arm Vibration Syndrome (HAVS) under the following headings: **(6 marks)**
 - a) Cause
 - b) Signs and symptoms
 - c) Affected body parts

8. Outline any **three** major causes of electric shock **(3 marks)**

9. Name and explain any **two** measures that the company can take to prevent or reduce exposure to noise. **(8 marks)**

10. Study the fire triangle below and explain the combustion and fire extinction. **(6 marks)**



11. Discuss the symptoms/signs of stress under the following headings: **(9 marks)**
- a) Physical
 - b) Psychological
 - c) Behavioural
12. Discuss any **five** health effects of hazardous chemicals in the body **(10 marks)**
13. Standard 4 Goo Sogo primary school girls were playing on a tree when one of them fell and broke her leg. Explain how you are going to apply treatment to help fracture on the leg before she is taken to the hospital. **(10 marks)**
14. Trish Holdings (PTY) LTD Construction Company won a tender to build classrooms, sewage at Bophirima Primary school. The company started the work during working hours when lessons are on. It uses very noisy drilling machines and its employees leave the materials and tools lying around the school unattended. Discuss how can this situation expose the school community to unsafe and healthy conditions? **(12 marks)**

TOTAL MARKS 100