DEPARTMENT OF HEALTH SCIENCES

QUALIFICATION : BACHELOR OF ENVIRONMENTAL HEALTH SCIENCES	
QUALIFICATION CODE: 08 BOHS	**LEVEL:** 6
COURSE CODE: OHS612S	**COURSE NAME**: OCCUPATIONAL HEALTH AND SAFETY 2B
SESSION: JANUARY 2020	**PAPER:** THEORY
DURATION: 3 HOURS	**MARKS:** 100

SECOND OPPORTUNITY/SUPPLEMENTARY EXAMINATION QUESTION PAPER	
EXAMINER	**MRS BUHLEBENKOSI MPOFU**
MODERATOR	**PROFESSOR OMOTAYO AWOFOLU**

INSTRUCTIONS
1. Answer ALL the questions.   2. Write clearly and neatly.   3. Number the answers clearly.

PERMISSIBLE MATERIALS
NONE

THIS QUESTION PAPER CONSISTS OF 3 PAGES
(Including this front page)

SECTION A
[20 MARKS]

QUESTION 1   (10 marks)

1.0 With examples, define the following terms as used in Occupational Health and Safety:

1.1 Ergonomics.   [2]
1.2 Psychological Hazards.   [2]
1.3 Biological Agent.   [2]
1.4 Ventilation.   [2]
1.5 Anthropometry.   [2]

QUESTION 2   (10 marks)

2.0 With examples, differentiate the following terms:

2.1. Pure Risk and Speculative Risk.   [2]
2.2. Direct and Indirect transmission.   [2]
2.3. Emergency exposure limits and maximum allowable concentration.   [2]
2.4. Cervical bones and thoracic bones.   [2]
2.5. Acceptable level and Tolerable level.   [2]

SECTION B
[35 MARKS]

QUESTION 3   (35 marks)

3.1. Elaborate on any **five (5)** effects of psychological hazards in the workplace.   [10]
3.2. Outline the elements that should appear on a Safety Data Sheet (SDS).   [15]
3.3. You have been employed by PASCON Paints Pty Ltd as a Safety Practitioner, and the management have asked you to establish a comprehensive ergonomics programme. Outline the necessary steps you would take to ensure the successful implementation of this programme.   [10]

SECTION C
[45 MARKS]

QUESTION 4   (45 marks)

4.1. Discuss the factors that should be are considered when a worker must lift a heavy load.   [20]

4.2. Discuss any **five (5)** factors that puts a worker risk in the event of a chemical exposure in the workplace.   [25]

TOTAL MARKS = 100