Assessment Brief

System Analysis and Design Assessment Brief 2019

MODULE DETAILS

MODULE CODE: **SAND6211**
NQF LEVEL: **6**

PURPOSE OF THIS BRIEF

This assessment brief outlines the Test and Exam assessment requirements for this module, focusing on key information to guide your preparation for test and Exam preparation and readiness. At no stage, will this brief provide detail of individual concepts covered nor will it be an exact description of the content covered in each section/ specific question in the paper.

Instead, the detail provided in this brief should provide *guidance and support* only, and should *not* be regarded as an exact description of each assessment.

TYPES OF QUESTIONS

You may be assessed on the applications of theory. It is therefore important note that you will be expected to analyse, synthesize and evaluate the relevant theory. The difficulty of the questions will vary from question to question. This means that you may be expected to integrate knowledge from different LU in order for you to be able interpret the respond to the NQF6 level questions in the test. This is perfectly acceptable and does not mean that such questions will be out of scope.

The types of questions students may expect in this assessment are summarized on the table below.

TEST

ASSESSMENT (Closed Theory Assessment)	TEST
LEARNING UNITS COVERED	**LU1 – LU3**
Selected Response Questions	
Multiple choice questions	✓
Matching column questions	✓
True/ false with justification	✖
Short Questions	
Short definitions/ explanations/ differentiations/ comparisons/ descriptions	✓
Short to medium length paragraphs	✓
Long Questions	
Essays	✖
Problem-based/ Case study questions	✓
Practical computer graphics/ programming/ networking questions	✖
SPECIFIC REQUIREMENTS FOR THIS ASSESSMENT	

Duration: 1 hours (5 minutes **reading** time)

Question 1: (10 marks)

- Multiple-choice questions.
- Matching-column question

Question 2: (20 marks)

- Problem-based/ Case study questions
- Short and long questions;

Question 3: (30 marks)

- Short and long questions;
- Problem-based/ Case study questions.

EXAMINATION

ASSESSMENT (Closed Theory Assessment)	Examination
LEARNING UNITS COVERED	**LU1-9 (ALL)**
Selected Response Questions	
Multiple choice questions	✓
Matching column questions	✓
True/ false with justification	✖
Short Questions	
Short definitions/ explanations/ differentiations/ comparisons/ descriptions	✓
Short to medium length paragraphs	✓
Long Questions	
Essays	✖
Problem-based/ Case study questions	✓
Practical computer graphics/ programming/ networking questions	✖

SPECIFIC REQUIREMENTS FOR THIS ASSESSMENT

Duration: 2 hours (10 minutes **reading** time)

ASSESSMENT STRUCTURE:

Question 1: 20 Marks

- Multiple Choice
- Matching column questions

Question 2: 10 Marks

- Short and long questions

Question 3: 25-40 Marks

- Short and long questions;

Question 4: 20-25 Marks

- Short and long questions;

Question 5: 20- 25 Marks

- Short and long questions;

Test and the Examination:

You should work through the relevant **Learning Units** and this **assessment brief** for this assessment, including:

- Paying attention in all the questions at the end of each chapter of the prescribed textbook;
- Completing the project activities from the student companion site for each chapter.
- Completing activities provided on IIE Learn;
- Practicing answering questions using past year papers.

A useful way in which to prepare for test and examinations is to work through any questions/ tasks included in the module learn guide and the prescribed textbook. This will enable you to assess your level of understanding of the content covered as well as an opportunity to practice answering questions.

SAMPLE QUESTIONS		
1	Define what system requirement is.	**Prescribed Material**
2.	List any four (4) information gathering techniques.	**All Learning Units**
3.	Develop an activity diagram on a given scenario .	
4.	Explain the concepts of user interface, user-centred design, user experience and usability.	
5.	Create a CRC cards on a given scenario	
6.	Discuss the need to prioritise requirements.	
7.	Create a brief use case description	
8.	Discuss reasons that cause IT projects to fail.	
9.	Discuss the various types of software tests.	
10.	Draw a class diagram of a given scenario	