



BOCODOL

BOTSWANA COLLEGE OF DISTANCE AND OPEN LEARNING

DIPLOMA IN INTEGRATED EARLY CHILDHOOD DEVELOPMENT

PAPER NAME: IT ESSENTIALS

COURSE CODE: ITE 112

YEAR 1

SESSIONAL EXAMINATION

100 MARKS.

**Instructions to candidates:**

1. This examination consists of **three (3)** sections: **A, B, and C.**
2. Answer questions according to instructions given in each section.
3. Write in good grammatical English

Section	Possible Marks	Learner Marks
A - Structured Items	20	
B- Case Study	20	
C- Essays	60	
<b>Total</b>	<b>100</b>	

**SECTION A:                      STRUCTURED ITEMS                      (20marks)****Instruction: Answer all questions in this section**

1. Explain the statement "computer technology is everywhere" (4 marks)
2. Give two (2) examples in each case of how computer technology is used in the following areas (6 marks)
  - (a) School
  - (b) Home
  - (c) Business
3. State any four (4) computer storage devices (4 marks)
4. Differentiate between a file and a folder (4 marks)
5. Arrange the words bellow according to how the computer system operates (2 marks)  
Output, process, input, store,

**SECTION B:****CASE STUDY****(20 marks)**

Mophane pre-school conducted a parent teacher meeting. The school head circulated the registration form for parents to indicate their names, name of student/child, contact numbers and email address. Upon completion of registration, the meeting discussed ways to enhance learning. Ms Tsetsa mentioned introduction of computers.

1. Explain how the use of computers by school head, teachers and students would be of advantage to early childhood at Mophane pre-school. (6marks)
2. Give a reason for encouraging parents to buy computers at home (2 marks)
3. Explain the advantage of Graphical User Interface (GUI) operating system in Early Childhood Development. (3 marks)
4. Outline any three (3) hardware devices that are most suitable for children in a pre-school setting and explain why. (6 marks)
5. Outline any three (3) possible negative impacts that could be associated with introduction of computers in pre school. (3marks)

**SECTION C: ESSAY QUESTIONS**

**(60MARKS)**

Instruction: Answer the two (2) essay questions below

**Mark allocation:**

Introduction - 3

Content- 24

Conclusion - 3

**Question 1**

**(30 marks)**

Discuss the main components of a computer system as listed below

- a) Central Processing Unit (CPU)
- b) Primary memory
- c) Input devices
- d) Output devices and
- e) Secondary storage

4.5  
24 4°  
5

**Question 2**

**(30 marks)**

Elaborate with an aid of a diagram the process of information storage and management.

29/30  
29  
14