

**UNIVERSITY OF ESWATINI
FACULTY OF COMMERCE
DEPARTMENT OF BUSINESS ADMINISTRATION
MAIN EXAMINATION 2019/20**

**TITLE OF PAPER: INTRODUCTION TO BUSINESS COMPUTING
COURSE CODE: BUS111/ IDE-BUS111
BCOM 1/B.ED 1/BCOM LEVEL I (IDE)/ B.ED LEVEL1(IDE)
TIME ALLOWED: 3 HOURS**

INSTRUCTIONS:

- 1. This paper consists of Sections A & B.**
- 2. The Case Study (Section A) is compulsory.**
- 3. Answer any three questions from section B.**

Note:

**THIS EXAMINATION PAPER SHOULD NOT BE OPENED UNTIL PERMISSION HAS
BEEN GRANTED BY THE INVIGILATOR**

SECTION A

This section is compulsory

Have you ever imagined having one electronic device that does everything you would ever need. Mobile phone makers in Japan have gone beyond the imagining phase. Cell phones are becoming more versatile than ever. Newer models of cell phones contain a myriad of applications and can do many of the things that a personal computer (PC) can do. PCs are also able to function as phones. DualCor Technologies offers a handheld Windows XP PC that also comes with a built in cell phone. The PC comes with a 1.5GHz processor, 1 GB of memory, and a 40 GB hard drive that it shares with the cell phone component. The PC is 6.5 inches long, 3.3 inches wide 1.2 inches thick, has a 5 inch diagonal screen and costs around \$1,500. A growing number of professionals are trading in their laptops for handheld computers.

Case Study Questions

- a. What commercial activities can be done with a cell phone/PC with Cell phone device? (5)
- b. How can businesses utilise this technology to operate their businesses more efficiently and effectively? (15)
- c. What are some problems or drawbacks you can see with using this device in business? (5)

SECTION B

ANSWER ANY THREE QUESTIONS FROM THIS SECTION

Question 1

Discuss five primary activities of the value chain and explain the role of information systems in the performance of these activities. Provide appropriate examples where necessary. (25 marks)

Question 2

The data mining process can help provide at least five types of information. Discuss these types of information. (25 marks)

Question 3

- a. What is network topology? (5 marks)
- b. Explain in detail any four network topologies. (20 marks)

Question 4

The local college is in the process of implementing an information system for managing its admissions, student records and other processes. Discuss the challenges they have to address as they implement this system in a networked environment. (Limit your discussion to four points) (25 marks)