

BSC 4103 INFORMATION TECHNOLOGY APPLICATIONS AND PRESENTATIONS
(INTRODUCTION)

INSTRUCTIONS

ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS

- Q1. a) Give meaning of the following terms as used in computer applications: 6 marks
- i) Computer system
 - ii) Data and Information
- b) Highlight three input pointing devices used to feed data into a computer. 6 marks
- c) Describe the differences analogue and digital computers. 8 marks
- d) Differentiate between RAM and ROM. 6 marks
- e) Define application software. 2 marks
- Q2. a) Explain five areas of business in which computers applications are applied. 10 marks
- b) Define a Central Processing Unit and describe three of its components. 10 marks
- Q3. a) Explain five characteristics of computers that make them an essential part of every technology today. 10 marks
- b) Output devices communicate the results to the user. Explain types of output devices used in computer systems. 10 marks
- Q4. a) Computers have left a great impression on modern civilization. Discuss. 10 marks
- b) Advice your friend on key factors to note when caring for computers. 10 marks
- Q5. Explain the main differences between computer hardware and computer software. 20 marks

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- Q1. a) What is the function of the 'arithmetic logic unit' of the CPU. 6 marks
- b) Give meaning of the following terms: 6 marks
- i) Data processing
 - ii) Mobile computers
- c) Briefly describe the process of putting on a computer. 8 marks
- d) What are features of computer software? 6 marks
- e) Give your opinion about projected future trends in information technology. 4 marks
- Q2. a) Briefly explain five characteristics of computers in business. 10 marks
- b) Describe the following components of expert systems. 10 marks
- i) People
 - ii) Procedures
- Q3. a) Today, computer use is faced with different challenges/ limitations. Discuss. 10 marks
- b) Differentiate between general purpose computers and special purpose computers. Give examples. 10 marks
- Q4. a) Describe the functions of the following computer hardware. 10 marks
- i) Printer
 - ii) Central Processing Unit
 - iii) External Hard disk
 - iv) Monitor
- b) Write short notes on 'Disk management'. 10 marks
- Q5. Explain the role played by computers in the world, today. 20 marks