SCHOOL OF BUSINESS

DEPARTMENT OF BUSINESS ADMINISTRATION

BACHELOR OF BUSINESS AND OFFICE MANAGEMENT

TIME: 2 HOURS

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

BSC   4013   INFORMATION TECHNOLOGY APPLICATIONS AND PRESENTATIONS (INTRODUCTION)

INSTRUCTIONS

ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS

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