



CHRISTIAN SERVICE UNIVERSITY COLLEGE
KUMASI, GHANA
FACULTY OF HEALTH AND APPLIED SCIENCES
DEPARTMENT OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY
BACHELOR OF SCIENCE IN [COMPUTER SCIENCE / INFORMATION TECHNOLOGY]
END OF FIRST SEMESTER EXAMINATIONS – 2021/2022 ACADEMIC YEAR

LEVEL [100]

[BSIT 101 / CSCP 153: INFORMATION TECHNOLOGY]

JANUARY 2022

SECTION B (45 Marks)

Time Allowed: 1 Hour

GENERAL INSTRUCTION TO CANDIDATES:

ANSWER ANY THREE (3) QUESTIONS

Answer section B in the answer booklet

Time allocated is 1 Hour

Examiner: Nana Kofi Ahoi Appiah-Badu

SECTION B (45 marks)

ANSWER ANY THREE (3) QUESTIONS

Ques 1.) 15 marks

- a. Distinguish between data and information (4marks)
- b. Explain system software and application software and give two examples each (6 marks)
- c. Define operating systems and state three functions of operating systems. (5 marks)

Ques 2.) 15 marks

- a. Explain direct and indirect data sources. (4 marks)
- b. Give two advantages each of direct and indirect data sources (4 marks)
- c. Using a diagram explain the data processing cycle (7 marks)

Ques 3.) 15 marks

- a. State and explain 5 advantages of computer systems (5 marks)
- b. State and explain 5 disadvantages of computer systems (5 marks)
- c. Describe 2 features of the operating system (2 marks)
- d. Describe 3 characteristics of a good information (3 marks)

Ques 4.) 15 marks

- a. Explain network topology (2 marks)
- b. Explain with a diagram two network topologies (6 marks)
- c. Explain 2 threats to personal privacy posed by computers and the Internet. (4 marks)
- d. State 3 types file organization (3 marks)