



KENYATTA UNIVERSITY
UNIVERSITY EXAMINATIONS 2019/2020
SUPPLEMENTARY/SPECIAL EXAMINATION FOR DIPLOMA IN PROJECT
MANAGEMENT
BMS 030: INFORMATION AND COMMUNICATION TECHNOLOGY

DATE: WEDNESDAY, 9TH JUNE, 2021

TIME: 2.00 P.M. - 4.00 P.M.

INSTRUCTIONS:

1. Question 1 which is *compulsory* and carries 30 marks
2. Answer Question 1 and any other two questions

Question One (30 marks)

- (a) With example for each, differentiate the terms input devices and storage devices.
(4 marks)
- (b) Explain any three modern classifications of the computer system. (6 marks)
- (c) A computer is a machine that works predominantly on the software programs. Explain any four major types of computer software that you know and give their functions.
(8 marks)
- (d) Describe any six types of information systems that can be used to support business process and managerial decision making. (12 marks)

Question Two (20 marks)

- (a) Computer system is an asset to business organization and has been used to change way of doing business. Discuss the benefits of using networked computer systems in organization.
(10 marks)
- (b) Information and Communication Technology is still advancing with remarkable trends. Explore the emerging technologies in ICT. (10 marks)

Question Three (20 marks)

- (a) Computer system is an asset to a business organization and requires proper security. Discuss the security threats to information stored in the computers system. (8 marks)
- (b) Organizations are producing volumes of information generated from different transaction. Discuss any six modern storage modes that can be used for effective storage of information. (12 marks)

Question Four

- (a) When purchasing an operating system it is necessary to buy multitasking operating system for faster processing. Explain five functions of an Operating System in a Computer.

(10 marks)

- (b) Modern advertisement can be done interactively using electronic panel screens. Explain the various types of screen display modes that can be used to support advertisement.

(10 marks)