



KENYATTA UNIVERSITY
DIGITAL SCHOOL OF VIRTUAL AND OPEN LEARNING (DSVOL)
EXAMINATION FOR THE DEGREE OF BACHELOR OF LIBRARY AND
INFORMATION SCIENCE

ISC 302: INFORMATION SYSTEMS DEVELOPMENT

3RD TRIMESTER 2020/2021

TIME: 2 HOURS

INSTRUCTIONS:

Question ONE (1) is compulsory. Attempt any other TWO (2) Questions

1. (a) Define system development and methodology and describe the advantages and disadvantages of the Waterfall Model. (20 marks)
(b) An information system is very critical element in an organization. Describe any five (5) information systems used in an organization. (10 marks)
2. Systems analysis is an important element in systems development. Describe the fact-finding techniques. (20 marks)
3. Systems development life cycle constitutes five (stages). Discuss. (20 marks)
4. (a) Describe the type of controls instituted by an organization to secure an efficient operation of information systems. (10 marks)
(b) Explain the five Information System security threats and strategies to minimize these threats. (10 marks)
5. Discuss the prototype Model of systems development. (20 marks)