NATIONAL OPEN UNIVERSITY OF NIGERIA,

PLOT 91, CADASTRAL ZONE, UNIVERSITY VILLAGE, JABI – ABUJA

FACULTY OF SCIENCES

2021_1 EXAMINATION 1234D

COURSE CODE: CIT721

COURSE TITLE: INFORMATION SYSTEMS DESIGN AND PROGRAMMING

TIME: 2 HOURS 30 MINUTES

CREDIT: 3 UNITS

INSTRUCTION: ATTEMPT 5 QUESTIONS. QUESTION1 IS COMPULSORY AND ANY OTHER FOUR (4) QUESTIONS

QUESTION 1

(a). What is the required process expected of a system analyst when projects are formalized?
(2marks)

   (ii). Identify the most important reasons for system projects   (2marks)

b. Enumerate on any four (4) criteria required of a system analyst to comfortably evaluate system requirements. (4marks)

(c). Describe briefly the role of project planning as a category of system development life cycle
(4marks)

(d). Identify and explain the three levels of organizational management   (6marks)

(e). Explain the term "software crisis" and outline any two challenges associated with it.

(4marks)

Question 2

(a). Differentiate between System thinking approach and traditional forms of analysis   (4marks)

   (ii). Identify two example valuable areas of system thinking   (2marks)

(b). Outline and explain the changing role of system analysts   (6marks)

Question 3

(a). Explain the reasons why end-user computing is not being managed properly   (4marks)

(ii). Outline any three concerns associated with little control over of end-user computing

(3marks)

(b). Many of the software crisis came as a result of decrease in hardware costs which has occurred over the years. Expatiate.   (5marks)

Question 4

(a). Write short note on data processing system (DSP)   (6marks)

(b). Identify the different types of models as studied in this course and describe any two

(6marks)

Question 5

(a). Enumerate on the usefulness and procedures for system investigation   (6marks)
(b). Identify any twelve major external sources of Data collection   (6marks)

Question 6

(a) Describe briefly the following:
    (i)   Organizational Purpose   (2marks)
    (ii)   Organization Culture   (2marks)
    (iii)   Organization Structure   (2marks)

(b). identify and explain any three (3) types of Organization structure   (6marks)