



**NATIONAL OPEN UNIVERSITY OF NIGERIA,
Plot 91, CADASTRAL ZONE, NNAMDI AZIKWE INTERNATIONAL AIRPORT ROAD, JABI, ABUJA
FACULTY OF MANAGEMENT SCIENCES
JAN –FEB 2018 EXAMINATION MARKING SCHEME**

COURSE CODE: BUS 401

COURSE TITLE: MANAGEMENT INFORMATION SYSTEMS.

CREDIT UNIT: 3

TIME ALLOWED: 2.5 HRS

Instructions: 1. Attempt question Number one (1) and any other three (3).

2. Question number 1 is compulsory and carries 25 marks, while the other three (3) questions carry 15 marks each

3. Present all your points in a coherent and orderly manner

QUESTION 1:

- (a). Define the acronym : SDLC and explain its three key objectives as a methodology. – 5Marks
- (b). The SDLC Methodology was developed to disseminate proven practices to systems developers, project managers, program/account analysts and systems owners/users throughout any organization. Identify any five (5) specific objectives of the methodology. - 10 Marks
- (c). Briefly explain the Ten (10) phases of a Systems Development Life Cycle and its three (3) Main Objectives. - 10 Marks.

Question 2

- (a) Explain any Five (5) key principles guiding a systems life cycle management - 10 Marks.
- (b). In designing and developing Management Information Systems , much efforts are put into Methods Development and Research, but there seems to be no universal agreement on whether methods are useful at all in Information Systems Development. Explain the two (2) main paradoxes associated with the use of Methods. - 5 Marks.

Question 3

(a). Define the term “Strategic Information Systems Planning” and identify any five (5) key factors that can influence the output of a Strategic Information Systems Plan. - 10Marks

(b) What are the three questions that a Strategic Planning Exercise seeks to answer? - 5Marks

Question 4:

(a) Describe the key steps for developing an Information Systems Strategy. - 5Marks

(b). Define the Phase: Initiation of Systems Design and Development and explain the purpose of Initiation. -5Marks

(c). Explain any Five (5) main Tasks and Activities involved in the Initiation Process for an information Systems Design Project -5Marks

QUESTION 5:

(a). Explain the process of Developing a Geographic Information System (GIS) Project. - 5Marks

(b). Identify and discuss any five (5) key success factors behind the operation of a Dynamic Systems Development Method (DSDM). - 10 Marks

QUESTION 6:

(a). Discuss briefly the process of managing Risk in Information Systems Projects under the following headings:

(i). Risk Identification;

(ii) Risk Assessment; and

(iii) Potential Risk Treatment. -10 marks

(b). Define the Term “Project Management” and Explain the three (3) major Constraints for managing a successful project. - 5Marks