



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
91, Cadastral Zone, Nnamdi Azikiwe Express Way, Jabi-Abuja  
**FACULTY OF MANAGEMENT SCIENCES**  
**JUNE 2017 EXAMINATION**

**Course Code: BUS401**

**Course Title: MANAGEMENT INFORMATION SYSTEM**

**Credit Unit: 3**

**Instructions: 1. Attempt Question 1 and any other three (3) questions**

**2. Question 1 is compulsory and carries 25marks while the other 3 questions carry 15marks each**

**3. Present all your points in coherent and orderly**

**manner**

**Time Allowed: 3 Hours**

1. a. Define strategic information system.  
(5marks)  
b. Discuss the concept design project initiation.  
(10marks)  
c. Explain Dynamic System Development Method (DSDM) and discuss three (3) sequential phases involve in DSDM.  
(10marks)
2. a. What is the objective of the system design phase?  
(3marks)  
b. State a checklist of data/software administration tasks and activities. (9marks)  
c. State the three processes of designing effective geographical information system  
(3marks)
3. List and explain the common factors that initiate the objectives of an Information System plan.  
(15marks)
4. a. Discuss systems development life cycle models  
(12marks)  
b. State the purpose of initiation.  
(3marks)
5. a. Explain the stages of project-life cycle of DSDM.  
(10marks)  
b. What are the roles and responsibilities of the following in the operations and

maintenance phase of system design?

- i. Project Manager
- ii. Technical Support
- iii. Customers
- iv. Process Improvement Review Board
- v. Programme Analyst

(5marks)

6 a. State the attribute of geography information system.

(3marks)

b. Discuss the traditional constraints to project management.

(6marks)

c. Explain the task and activities involved in the requirement analysis phase of system development.

(6marks)