



FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA  
SCHOOL OF INFORMATION AND COMMUNICATION TECHNOLOGY  
DEPARTMENT OF INFORMATION AND MEDIA TECHNOLOGY

SECOND SEMESTER 2016/2017 EXAMINATION

**COURSE CODE:** IMT221  
**COURSE TITLE:** Web Design with ASP  
**CREDIT UNITS:** 2  
**TIME ALLOWED:** 2Hours  
**COURSE LECTURER(S):** Mrs. F.J. Babakano  
**NUMBER OF QUESTIONS:** 6  
**NUMBER OF PAGES:** 2 (INCLUDING THIS PAGE)

**INSTRUCTIONS**

- Answer all questions
- Do **not** use red pen
- Please use a clear handwriting
- This exam is closed book, closed notes, closed laptop and closed cell phone
- Please use non-programmable calculators only

1

- a) Discuss the different types of variable scopes in ASP. (3mrks)
- b) A valid variable name can be the same as a reserved word of built in functions, procedures, and objects. (True/False). (1mrk)
- c) Empty and Null are two types of special values in ASP (True/False). (1mrk)
- d) Which has higher operator precedence: Multiplication (\*) operator or Division (/ \) operators? (1mrk)

2.

- a) What is a session Object? (3 mrk)
- b) Session and Application variables are stored in ..... Collections. (1mrk)
- c) Define an application Object. (3mrk)
- d) Differentiate between a session variable and an application variable. (3mrk)

3.

- a. We use the SQL -----, SQL ----- and the SQL ----- for inserting, updating and deleting records in a table in a database respectively. (3mrk)
- b. What are the two ways that you can add record to the database? (4mrk)
- c. List the four basic ASP syntax with examples. (4mrks)
- d. What are the benefits of server-side includes? (2mrks)

4.

- a. What is the use of the ADO Connection Object? (2mrk)
- b. What is the use of the ADO Open method? (2mrk)
- c. Explain the ADO Execute method. (2 mrk)
- d. Why do you Close the Record set Object and the Connection Object and set them to nothing after using them? (1mrk)

5.

- a. What are the three different types of script delimiters? (3mrk)
- b. Which web server must be used to interpret ASP web pages? (1mrk)
- c. How do you declare a variable? (2 mrk)
- d. How do you enforce the rule that all variables must be declared? (1mrk)

6.

- a. What is the use of ASP Request object and ASP Response Object? (4 mrks)
- b. What is ADO (ActiveX Data Object) component? (3 mrks)
- c. Give 3 examples of ADO objects and their uses. (6mrks)
- d. Using the GUESTBOOK exercise as an example, describe the steps involved in creating a connection to a database. (4mrks)