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J-3814   [2037]

M.Sc.(IT) (Semester - 3rd)

ADVANCED WEB DEVELOPMENT (M.Sc.(IT) - 303/301)
WEB APPLICATION DEVELOPMENT

Time : 03 Hours   Maximum Marks : 75

Instruction to Candidates:

1) Section - A is **compulsory.**

2) Attempt any **Nine** questions from Section - B.

Section - A

Q1) $(15 \times 2 = 30)$

a) Explain the Active server page.

b) Write the ASP Process.

c) Describe are variant variables? What does it mean to declare a variable.

d) Illustrate the concept of typecasting variables.

e) Explain about the ASP Object.

f) What do you understand by the logic of Event.

g) Compare between Object Context Object & ASP Error Object.

h) Which are the advance form techniques.

i) What is Environmental variables. How we can Access them.

j) Write pitfalls of session variables.

k) Give reason why database is used in ASP.

l) How data can be inserted, updated & deleted in database records.

m) How SQL can be executing using ASP & ADO.

n) Differentiate between root element & empty element.

o) What are the formatting objects.

P.T.O.

Section - B

(9 × 5 = 45)

Q2) How ASP differs from Client-Side Scripting Technologies. Discuss with comparison.

Q3) Write the steps for Dissecting the first ASP Script.

Q4) What is control structures. Explain the types of control statement using example.

Q5) Write about following function: Formatting function. Math function, data function & string function.

Q6) What is object? Explain the building blocks of objects.

Q7) What is the Response Object? How we dissecting the Response object. Explain.

Q8) What are cookies? How to read cookies using the request object.

Q9) Differentiate between Session Object & Application Object.

Q10) Which are the fatal & nonfatal bugs arises while debugging ASP Scripts.

Q11) How we can work with database using ASP.

Q12) Explain the steps to crating a valid document from a DTD.

Q13) Write the properties of CSS. How it is embedded in XML.

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