



GAJ-622

Seat No. 109

B. C. A. (Sem. V) Examination

November / December – 2015

BCA-502 : .Net Frame Work Using C #

Time : 3 Hours]

[Total Marks : 70

Instructions : (1) Attempt all questions.

(2) Make suitable assumption whenever necessary.

(3) Figure to the right side indicate marks.

1 (A) Do as directed : (any two)

6

(i) What is JIT ? Explain types of JIT.

(ii) Explain CLR in detail.

(iii) Define :

(a) CTS (b) MSIL (c) BCL

(B) Attempt following : (any two)

12

(i) What is .Net framework ? Explain .Net architecture in detail.

(ii) Explain Objects of ASP.

(iii) Explain Delegate with its step and example.

- (i) What is IIS ? Write the concept of IIS request handling process.
- (ii) Write short note on Bin Directory.
- (iii) Explain Web Server.

(B) Attempt following : (any two)

12

- (i) Explain Namespaces and Assemblies in detail.
- (ii) Explain in brief virtual directory and also write its steps.
- (iii) Write difference between web based and window based application.

3 (A) Do as directed : (any two)

6

- (i) List out List control and explain any one of them.
- (ii) Difference between Code behind file and Compiled code behind file.
- (iii) Explain global.asax in detail.

(B) Attempt following : (any two)

12

(i) Explain in brief Application life cycle.

(ii) Explain following web control :

(a) Image button

(b) Hyperlink.

(iii) Explain web-config in detail.

4 (A) Do as directed : (any two)

5

(i) Explain command methods in ADO.NET.

(ii) What is Data Adaptor ? Explain its methods.

(iii) Difference between DataSet and Data Reader.

(B) Attempt following : (any two)

12

(i) Difference between ADO and ADO.NET.

(ii) Explain Architecture of ADO.NET.

(iii) Explain in brief Data Binding with its types.