

2014

( 3rd Semester )

**BACHELOR OF COMPUTER APPLICATION**

Paper No. : BCA-304

**( E-Commerce and Web Technology )**

( PART : A—OBJECTIVE )

( Marks : 25 )

*The figures in the margin indicate full marks for the questions*

SECTION—I

( Marks : 15 )

1. Select the correct answer by putting a Tick ( ✓ ) mark in the brackets provided : 1×10=10

(a) The object which is used to access database is

(i) session object ( )

(ii) global object ( )

(iii) application object ( )

(iv) ADO ( )

(b) COM stands for

- (i) Component Objects Modem ( )
- (ii) Component Objection Model ( )
- (iii) Component Object Model ( )
- (iv) Component Object Modeling ( )

(c) When a browser submits form data using POST method, the ASP engine parses the raw HTTP form data and stores it in

- (i) URL ( )
- (ii) Database ( )
- (iii) Request.Form Collection ( )
- (iv) Response.Form Collection ( )

(d) The event that you can use to keep track of how many active sessions (user) you have on the server at any given time is

- (i) Session\_OnStart ( )
- (ii) Application\_OnStart ( )
- (iii) ServerVariable ( )
- (iv) Session ( )

(e) Through the —, you can launch and use COM object.

(i) Server.HtmlEncode ( )

(ii) Server.URLEncode ( )

(iii) Server.CreateObject ( )

(iv) Server.SelectObject ( )

(f) ASP Session Default timeout period for IIS 4 is

(i) 40 minutes ( )

(ii) 30 minutes ( )

(iii) 20 minutes ( )

(iv) 10 minutes ( )

(g) Intra-business e-commerce is sometimes called — e-commerce.

(i) B2C ( )

(ii) B2B ( )

(iii) C2C ( )

(iv) B2E ( )

(h) A — is operated by a trusted third party that offers bandwidth and other-value added services to facilitate interconnectivity among multiple organizations.

(i) virtual private network (VPN) ( )

(ii) value-added network (VAN) ( )

(iii) Both of the above ( )

(iv) None of the above ( )

(i) Which of the following is a method of transferring money from one person's account to another?

(i) Electronic check ( )

(ii) Credit card ( )

(iii) E-Transfer ( )

(iv) None of the above ( )

(j) Secret-key encryption is also known as

(i) asymmetric encryption ( )

(ii) symmetric encryption ( )

(iii) secret encryption ( )

(iv) private encryption ( )

( 5 )

2. State whether the following statements are True (T) or False (F) by putting a Tick (✓) mark : 1×5=5

(a) Server.MapPath method just performs a translation.

( T / F )

(b) By default ASP scripts time out after 60 seconds.

( T / F )

(c) To delete or clear a cookie, we can use Response.Cookies("Somekey")="".

( T / F )

(d) One disadvantage to online buyers is lack of trust when dealing with unfamiliar sellers.

( T / F )

(e) Public key encryption is also known as asymmetric encryption.

( T / F )

( 6 )

SECTION—II

( Marks : 10 )

3. Answer the following questions : 2×5=10

(a) What is cookie? How to define a cookie?

( 7 )

(b) Differentiate between Session.Timeout Property and Session.Abandon Method.

(c) Write an ASP Code to display the output: Hello  
BCA, You are "Great!"

(d) Differentiate between e-commerce and e-business.

(e) Explain push and pull technology.

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**III/BCA/304**

**2014**

( 3rd Semester )

**BACHELOR OF COMPUTER APPLICATION**

Paper No. : BCA-304

**( E-Commerce and Web Technology )**

*Full Marks : 75*

*Time : 3 hours*

**( PART : B—DESCRIPTIVE )**

*( Marks : 50 )*

*The figures in the margin indicate full marks  
for the questions*

1. (a) Define the term 'session'. Write five ways to end session using ASP. 1+5=6
- (b) Explain application Lock/Unlock method with a suitable example. 4
- Or*
- (c) What is Global.asa? Explain the importance. 6
- (d) Why is SessionID cookie important for the Web server? 4

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*( Turn Over )*

2. (a) Explain the properties and methods that all ASP collection share. 5
- (b) Write ASP program to demonstrate to use of if .... Then ... else. 5
- Or*
- (c) What is QueryString? Explain Request.QueryString collection. 4
- (d) What is request object in ASP? Explain different methods contained in ASP request object. 1+5=6
3. (a) Explain the difference between Server.Transfer and Server.Execute method in ASP. 6
- (b) Write an ASP program to count the number of visitors in your page. 4
- Or*
- (c) Explain the main advantage or benefits of ASP. 5
- (d) Explain how the server responds to the request made by the client. 5
4. (a) Discuss the benefit of e-commerce to consumer and society. 4
- (b) What do you mean by EDI? What are the main elements of EDI? 6

( 3 )

Or

(c) What is e-payment? Explain the difference between credit card and smart card. 2+3=5

(d) What are the key technologies for B2B e-commerce? Explain architectural models of B2B e-commerce. 5

5. (a) Write short notes on the following :  $2 \times 5 = 10$

- (i) Secret key cryptography
- (ii) Paper catalog and online catalog
- (iii) E-payment security
- (iv) VAN
- (v) e-cash

Or

(b) Why is security important in e-commerce? Explain the two types of security e-payments method in e-commerce. 2+8=10

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