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(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 : $1 \times 5 = 5$

(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 : $2 \times 5 = 10$

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

(7)

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

(8)

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

(9)

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

(e) Explain push and pull technology.

III/BCA/304

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(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 : 2×5=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
