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B.C.A. (Part III) EXAMINATION, 2008

INTERNET AND WEB TECHNOLOGY

Twenty-Second Paper

Time allowed : Three Hours

Maximum Marks : 50

Attempt five questions in all. All questions carry equal marks.

1. What is Internet ? Explain the advantage of Internet.
2. Describe Internet security in detail.
3. Describe various Internet browsers with their merits and demerits.
4. Write short notes on :
 - (i) Static, dynamic and active web pages;
 - (ii) File transfer protocol (FTP)
5. What is an Applet ? Explain applet life cycle with example.

P.T.O.

6. Write short notes on :
- (i) Internet cookies;
 - (ii) Simple mail transfer protocol (SMTP).
7. Write short notes on any *two* :
- (i) Tel Net;
 - (ii) Gopher;
 - (iii) HTTP.
8. Explain active server page (ASP). Describe various object methods in ASP.
9. Create a web page that accept book details like book name, publisher name, author name, cost of book, edition. Send the details on server using ASP.

This question paper contains 4 printed pages]

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B.C.A. (Part III) EXAMINATION, 2009

INTERNET AND WEB TECHNOLOGY

Twenty-Second Paper

Time allowed : Three Hours

Maximum Marks : 50

Attempt Five questions in all. All questions carry equal marks.

1. (a) What are hardware and software requirements for Internet ? 6
- (b) What is web home page ? Explain. 4
2. Write in short for the following :
 - (a) Web browser;
 - (b) Search engines. 2×5

P.T.O.

3. (a) What is URL ? Give examples of URL's that
(i) contain a host name and (ii) do not specify
a host name. Which part of URL is case sensitive ?
Describe how browser can be used to access
gopher. 6
- (b) What is dynamic web page ? Explain. 4
4. (a) What are protocols ? What do they do ? What
allows any size computer to be able to send and
receive data through the Internet ? 5
- (b) Explain HTTP and FTP. 5
5. (a) Describe the services provided by TELNET
protocol. What are TELNET commands that
control the remote side ? Also discuss TELNET
options. 6
- (b) What do you understand by the term collection ?
Explain. 4

6. Explain the following :
(i) Active Server Page; 2x5
(ii) Exception handling. 2x5
7. Explain various internet security methods. 10
8. (a) What is Java Script ? Are semicolons (;) required
at the end of all Java Script statements ? Describe
how Java Script deals with HTML forms. How form
elements can be manipulated with Java Script ?
How can one obtain input from the user his Java
Script application ? Explain. 6
- (b) What is applet ? Explain. 4
9. (a) Explain Applet life cycle. 5
- (b) Write down various operators available in Java
Script. 5

10. Write short notes on any *two* of the following :

- (i) Local and remote applet applications;
- (ii) Control structures and statement objects;
- (iii) Creating and passing parameters to applets. 2×5