

**MBA – INFORMATION TECHNOLOGY
MANAGEMENT (MBAITM)**

Term-End Examination

December, 2014

00274

**MBMI-006 : APPLICATION DEVELOPMENT
TECHNOLOGIES**

Time : 3 hours

Maximum Marks : 100

Note :

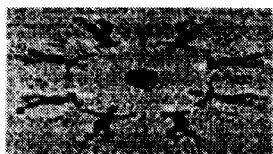
- (i) *Section I is compulsory.*
- (ii) *In Section II, solve any **five** questions.*
- (iii) *Assume suitable data wherever required.*
- (iv) *Draw suitable sketches wherever required.*
- (v) *Italicized figures to the right indicate maximum marks.*

SECTION I

1. Write the HTML code to design a Web Page in the format shown in the Figure.

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The Little Starlings



Welcome to our World...

The Little Starlings is an hobby club that believes in all-round development of a child through various activities.

We offer the following activity choices :

1. Indoor Activities
 - Dramatics
 - Dance
2. Outdoor Activities
 - Horse-riding
 - Swimming

Activity Charges

Activity	Monthly Charges
Dramatics	Rs. 250
Dance	Rs. 350
Horse-riding	Rs. 400
Swimming	Rs. 500

For particulars Mail to us

Consider the following while writing the HTML code :

- (i) Background color should be "Cyan".
- (ii) Text style should be Comic Sans MS and color should be Red.
- (iii) Picture used in the page is the file "activity.jpg".
- (iv) Table should have a border of color blue.

- (v) Use the concept of nested lists for creating the list given in the web page with specified bullets.
- (vi) Pages linked to :
- Indoor Activities as “in.html”
 - Outdoor Activities as “out.html”

SECTION II

2. (a) Name two XPath axes which respectively, can be used to select element node and attribute nodes. If context node is an element node, give XPath location path, which select the number attribute node of that element node. Show the answer in both abbreviated and unabbreviated syntax. 7
- (b) What are the two XSLT elements that provide conditional processing ? Describe how the functionality provided by these two elements differs. 3+4=7
3. Write a script that simulates coin tossing. Let the pro each time the user presses the "Toss" button. Count the number of times each side of the coin appears. Display the results. The program should call a separate function "flip" that takes no arguments and returns false for tails and true for heads. 14
4. Create a web page with an advertisement image at the top. When the page loads, select a random image for advertisement. Every four seconds change the advertisement to a different image making sure a different advertisement is selected until all the advertisement images have been seen. 14

5. Why should you use an XML DTD ? How can you define external DTD for XML Document ?

Explain with example.

5+5+4=14

6. (a) Prepare an XML document for the table :
EMPLOYEE

7

EMPNAME	EMPID	SAL
ABC	E001	15,000
PQL	E002	20,000
XYZ	E003	17,000

- (b) Design an HTML page on your Friends. List your Friends. Each Friend's name is a link. Prepare separate HTML documents on each Friend and call them in the appropriate link.

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7. What is Event handler and Event handler attributes in JavaScript ? Explain it with an example using JavaScript.

7+7=14

8. Write XML Code to store information about Student (ROLLNO, NAME, CLASS) and write HTML Code to display data in tabular format using DSO Object.

7+7=14