**Sample Paper – 2013
Class – XII
Subject –MULTIMEDIA AND WEB TECHNOLOGY**

**Time allowed : 3 hours Maximum Marks : 70**

Please check that this question paper contains 7 printed pages.

Code number given on the right hand side of the question paper should be written on the

 title page of the answer-book by the candidate.

Please check that this question paper contains 7 questions.

1)

1. Identify the most suitable data type for the following data items : 1
	* + 1. Photograph of a person
			2. A Web Site Address
2. How degree and cardinality is related to a relation? Explain with a suitable example. 2
3. Study the following data and answer the questions given below :

 **Table: Video**

|  |  |  |  |
| --- | --- | --- | --- |
| **Movie Title** | **Vid\_No** | **Director** | **Price** |
| Inception  | 1001 | Tom | $315.00 |
| Men In Black | 1002 | Arnold  | $125.70 |
| Speed 4 | 1003 | Jan | $220.10 |
| Spider Man | 1004 | Dawn | $480.00 |

**Table: Issue**

|  |  |  |  |
| --- | --- | --- | --- |
| **Member\_No** | **Issue\_Date** | **Return\_Date** | **Vid\_No** |
| P123 | 07/12/2009 | 07/14/2009 | 1001 |
| T102 | 09/30/2009 | 10/01/2009 | 1002 |
| T096 | 10/08/2009 | 10/10/2009 | 1002 |
| P103 | 10/03/2009 | 10/05/2009 | 1001 |
| T089 | 09/30/2009 | 09/04/2009 | 1004 |
| P037 | 04/05/2009 | 04/05/2009 | 1003 |

* + 1. Suggest data types for each of the fields in the table Video. 1
		2. Name the fields, which can act as the primary keys for the table Video and the table Issue. 1
		3. What type of relationship exists between table Video and Issue. 1
1. Write the full form of 1) MIDI 2)MPEG 2
2. Mention any two areas where video conferencing is being used. 1
3. Name any two file formats, which can be used for storing movie file. 1
4. **Answer the following questions based on Macromedia Flash:**

**a)** Define the term Symbol. 1

**b)** What is the difference between hiding and locking a layer ? 2

**c)** What will be the effect of increasing the frame rate of a Flash Movie from 12 fps to

16 fps ? 2

**d)** What do you understand by Publish Preview Option ? 1

**e)** Observe the figure given bellow and do as directed : 4

* The text “Can You See Me ? “ shows the position and size in frame 1.
* The solid circle image shows the position and size of the image for mask layer.

 Write the procedure and property settings for animating the above scenario

1. **Answer the following questions based on HTML:**

**a)**  Name the tag and attribute used to set a checkbox as selected by default. 1

**b**) What is the use of ‘maxlength’ attribute with <input> tag in HTML ? 1

**c)** Write the HTML code to generate a Web Page in the format given below. 8

**Consider the following while writing the HTML code**

1. Title of the page should be “Education”
2. Background color of the page should be “Green”, Active Link color should be “Yellow”, visited link color should be “Red” .
3. Picture used in the page is the file “globe1 .jpeg”
4. Table border is 2 pixel and background color of the first row is pink, distance between content and the border of the cell is 15 pixels.
5. Use the concept of nested lists for creating the list given in the web page with specified bullets.
6. Pages linked to :
	1. About Us as “about.html”
	2. Administration as “admin.html”
	3. Curriculum as “curri.html”
	4. Admission as “admission.html”
	5. Sample Papers as “sample.html”
	6. Alumni as “alum.html”
7. Bottom message “Further Information Click here” should be with size as “2”
8. Bottom image in the page is file “globe2.jpg” and linked to “contact.html”



 **GLOBAL INTERNATIONAL SCHOOL**

 **(Affiliated By CBSE New Delhi)**

* About Us
* Administration
* Curriculum

 **Student’s Corner**

* Admission
* Sample Papers
* Alumni

|  |
| --- |
|  **Fee** |
|  XI |  1250 INR |
|  XII |  1550 INR |

 Fee Structure

 Further Information Click here



1. **Questions given below are based on ASP :**
	1. Differentiate between Server Side Scripting and Client side scripting. 2
	2. Give the uses and syntax of the following In-built function .
		1. Mid ( ) 2
		2. CDbl( ) 2
	3. Give the output of the following code: 2

<%

 Dim A,B,C,D,MyCheck

 A = 10: B = 8: C = 6: D = 0

MyCheck = A > B **Imp** B > C

Response.write(“Always”)

Response.write(MyCheck)

Response.write(2^3 < 5 **AND** 8 \* 5 / 2 > 21) %>

* 1. Rewrite the following code after removing errors with each correction underlined. 2

<Body>

The Login Name entered by the user is :

< % pass = Response.Querystring(“Password”) %>

The password is :

<%

If pass < > “enter” then

 Request.write(Invalid)

Otherwise

 Response.write(“Valid”)

End

%>

</Body>

1. **Questions given below are based on ASP :**
	1. What do you mean by ASP Object Model ? 2
	2. What is the purpose of using ‘global.asa’ file ? 1
	3. What is ODBC ? 1
	4. Name any four methods of ***Recordset*** object. 2
	5. ABC Ltd. is publishing company which uses banner advertisements to fund their web site as shown below : 4

Date : 03/01/13

ABC LTD.

 

 WELCOME TO THE ABC PUBLISHER

Create an ASP file “Greeting.asp” to display different banner advertisement on the webpage. The ads to be displayed are stored in the file myads.txt.\

1. **Answer the following questions based on VBScript:**
	1. Predict the output of the following VB Script code : 2

<Script language="VBScript">

str ="Multimedia and Web Tech"

num = len(str)

for i = 1 to num\2

newstr = left(str,i+9)

document.write(newstr)

i = i+3

document.write("<br>")

next

</Script>

* 1. Rewrite the following code after removing errors & underline each correction: 2

<Scripting language="VBScript">

dim X

Do while (X<=10)

X = X + 2

Document.write( “Value of Sum is”X)

Document.write(<br>)

End Do

</Script>

* 1. Write the equivalent do……… while for the following statement without affecting the output. 2

dim a,b

for a = 2 to 20 step 2

a = a + b

document.write(a)

next

* 1. Write the HTML code to display the below form and add the vbscript for the click event of the ‘**Check Divisibility’** buttons such that it displayed “**We are friends**” if the first number is divisible by Second Number otherwise it display ‘**Try another’** 4

 **Date and Time :**

 **Enter First Number :**

 **Enter Second Number :**

 **Divisible :**

  **Check Divisibility**

1. **Answer the following question Based on Networking.**
	1. Write short notes on : 2

FSF

Apachy Server

* 1. Give one advantage and one disadvantage of Fiber Optics Cable. 2
	2. What is Freeware software. Define Loss Leader freeware technique. 2
1. ALJ Software Company has set up its new centre at Jeddah for its office and web based activities. It has 4 Blocks of buildings as shown : 4

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Building DBuilding CBuilding BBuilding A**Center to centre distances between various blocks**

|  |  |
| --- | --- |
| Block A to Block B | 80 m |
| Block B to Block C | 100 m |
| Block C to Block D | 40 m |
| Block A to Block D | 120 m |
| Block B to Block D | 150 m |
| Block A to Block C | 130 m |

**Number of Computers**

|  |  |
| --- | --- |
| Block A  | 50 |
| Block B  | 40 |
| Block C  | 250 |
| Block D | 100 |

1. 1. Suggest a cable layout of connections between buildings and name the topology used.
2. 2. Suggest the most suitable place (i.e. building) to house the server of this organization with a
3. suitable reason.
4. 3. Where the repeaters should be placed?
5. 4.The Parent Company of ABB Software Company is situated in Riyadh. Suggest a wireless
6. method of linking the head office and this office that can provide fast communication, price
7. is not factor.
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