

SAMPLE QUESTION PAPER 1
MULTIMEDIA & WEB TECHNOLOGIES (Code 067)
Class XII

Max. Marks : 70

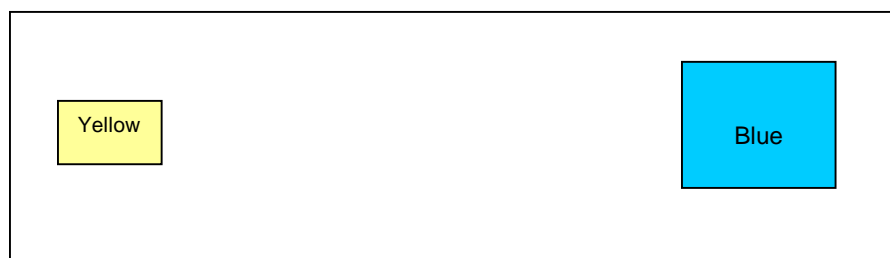
Duration : 3 hrs.

1. a) Define the term foreign key. 1
- b) What is the difference between Text and Memo data types used in MS-Access? 1
- c) Study the following data and answer the questions given below:

Table: Sales

Sale Date	Item	Bill_No	Price	Quantity
11/12/2003	Pen	101	20.50	5
09/10/2003	Pencil	212	5.00	12
09/10/2003	Eraser	203	8.25	10
08/12/2003	Pencil	113	5.00	3
07/11/2003	Stapler	126	30.00	15
07/11/2003	Pen	254	20.50	8
02/01/2003	Ruler	214	6.00	2

- i. Suggest the datatypes that should be used for each of the fields in the above table. 2
- ii. Suggest a field from the above table, which can be set as the primary key. 1
- d) What is the full form of MPEG? What kinds of files are stored using the MPEG file format? 1
- e) Differentiate between a GIF and a JPEG image. 2
- f) Explain the term "Publishing a Flash Movie"? Name any two formats in which a Flash movie can be published. 2
- 2. Answer the following questions based on Macromedia Flash:**
- a) Define the term Timeline. 1
- b) Explain tweening with the help of an example? Name the two kinds of tweening. 2
- c) Differentiate between a KeyFrame and a Blank KeyFrame. 2
- d) What is a symbol? 1
- e) Observe the figure given below and do as directed: 4




- The box on the right hand side shows the position, size and colour of the image for frame 1.
- The box on the left hand side shows the position, size and colour of the image for frame 20.

Write the procedure and property settings for animating the above scenario.

3. Answer the following questions based on HTML:

- a) What is the difference between the Submit button and Reset button used in HTML form? 1
- b) Specify the tag and attributes to Send a form to the email address mymail@emailaccount.com. 1
- c) Write the HTML code to generate a Web Page in the format given below : 8

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Ghumo Phiro Travels

We offer the following packages:

1. Rajasthan Package
 - Jaipur
 - Udaipur
 - Pushkar
2. Kerala Package
 - Kumarokom Resort
 - Periyar Wildlife Sanctuary
 - Kovalam Beach

Tarriff

Package	Normal	Delux
Rajasthan	Rs.7000	Rs.10,500
Kerala	Rs.11,500	Rs.18,000

For enquires Mail to us

Consider the following while writing the HTML code

1. Background colour of the page should be "Gray" and visited link colour should be "Green".
2. Font face of text in the page should be "Arial"
3. Text colour of main heading should be "Maroon"
4. Picture used in the page is the file "map.jpg"
5. The text "Ghumo Phiro Travels" should be in "Red" colour and in "Bold"
6. Pages linked to :
 - Rajasthan Packages as "raj.html"
 - Kerala Packages as "kerala.html"
7. The table should have a caption "Tarriff".
8. Bottom message should be of size 2.

4. Answer the following questions based on ASP:

- a) Define server-side scripting. 1
- b) Explain the usage of the OPTION EXPLICIT keyword, with an example. 2
- c) What is a sub-routine? What are arguments? Explain with an example. 3
- d) Explain the usage of the MONTH() function. 1
- e) Give output of the following statements: 3
 - i) Response.Write(INSTR(LTRIM(" WebTech"), "Tech"))
 - ii) Response.Write(UCASE(RIGHT("Multimedia",5)))
 - iii) Response.Write(ABS(4 - 10 * 3))

5. Answer the following questions based on ASP:

- a) How is an ASP file different from a normal HTML file? 1
- b) Explain briefly the Application object. 2
- c) Underline the errors in the following code and write the corrected script. 2

```
<HTML>
<BODY>
<% for a = 1 To 4 %>
<FONT SIZE= <% a %>>
Hello World !<BR>
< Next>
</BODY>
</HTML>
```
- d) Give the output for the following code segment: 2

```
<%
  Arr=Array(25,14,20,45)
  max=ubound(Arr)
  For i=max to 1 step -1
    Arr(i)= 100-Arr(i)
  next
  For i=0 to max
    Response.write (Arr(i) & "<BR>")
  next
%>
```

- e) Online Bazaar uses its website to make money through banner advertisements. 3
Create an ASP file "online.asp" with the following specifications:
- To use the AdRotator component to display the advertisements stored in the file "ads.txt"



6. Answer the following questions based on VBScript:

- a) Define the term event. Differentiate between the OnLoad and OnUnload events. 2
- b) Write the equivalent script for the following code using DO..WHILE loop without effecting the output: 2

```
<SCRIPT LANGUAGE="VBScript">  
DIM sum  
sum=0  
FOR a= 1 TO 10 STEP 3  
sum=sum + a*a  
document.write(a)  
NEXT  
document.write(sum)  
</SCRIPT>
```

- c) Give the output of the following code segment: 2

```
<Script Language="VBScript">  
Dim A , B  
A = 1  
B = 10  
Do While A < 5  
Document.Write(A+B)  
A = A + 1  
B = B - 2  
Loop  
</Script>
```

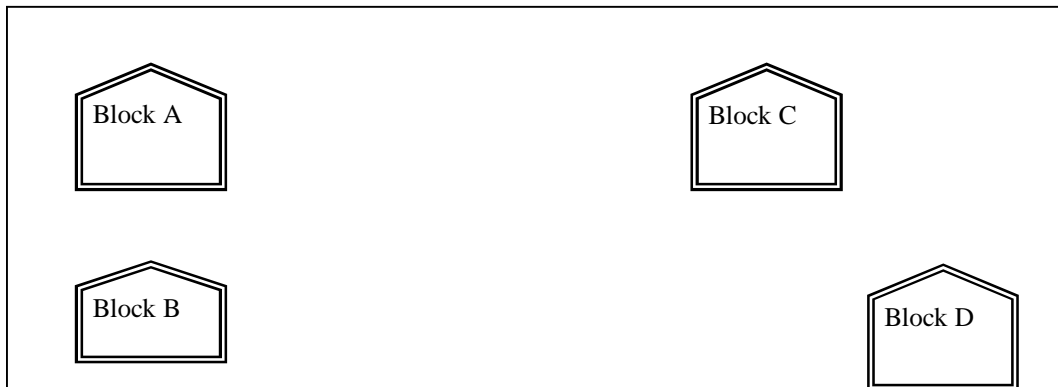
- d) Write an HTML code for creating a form, which contains three textboxes as shown below. The first two textboxes accept two numbers as input from the user and the third textbox displays the sum of these two numbers. Include the VBScript code which contains a user-defined function required to be called when the user changes the values in any of the first two text boxes. 4

Enter numbers into the first two text boxes to find their sum

+ =

7. Answer the following questions based on Communication and network concepts:

- a) Define the term protocol. 1
- b) Differentiate between a Hub and a Switch. (Give one point) 2
- c) Explain the following terms: 3
- i. Firewall
 - ii. Linux
 - iii. PHP
- d) **Knowledge Supplement Organisation has set up its new center at Mangalore for its office and web based activities. It has 4 blocks of buildings as shown below:** 4



Center to center distances between various blocks

Block A to Block B	50 m
Block B to Block C	150 m
Block C to Block D	25 m
Block A to Block D	170 m
Block B to Block D	125 m
Block A to Block C	90 m

Number of Computers

Block A	25
Block B	50
Block C	125
Block D	10

- (i) Suggest a cable layout of connections between the blocks.
- (ii) Suggest the most suitable place (i.e. block) to house the server of this organisation with a suitable reason.
- (iii) Suggest the placement of the following devices with justification
 - Repeater
 - Hub/Switch
- (iv) The organization is planning to link its front office situated in the city in a hilly region where cable connection is not feasible, suggest an economic way to connect it with reasonably high speed?