

Series JMS/1

SET-4

Code No. 53/1

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Roll No.

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Candidates must write the Code on the title page of the answer-book.

- 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 16 questions.
- Please write down the Serial Number of the question before attempting it.
- 15 minute time has been allotted to read this question paper. The question paper will be distributed at 10.15 a.m. From 10.15 a.m. to 10.30 a.m., the students will read the question paper only and will not write any answer on the answer-book during this period.

FOUNDATION OF INFORMATION TECHNOLOGY

Time allowed : 2½ hours

Maximum marks : 40

General Instruction : All questions are compulsory; however internal choices have been given in few questions.



53/1



[P.T.O.]

1. Multiple Choice Questions.

(a) MAILTO and HREF are the attributes of _____ tag: 1

(i) <MAIL>

(ii) <A>

(iii) <IMAGE>

(iv) <TABLE>

(b) HTML tag to convert a regular text into heading: 1

(i) H1.... H6

(ii) <HEADING>

(iii) <HEAD>

(iv) <TITLE>

(c) Which of the following is a Web Browser: 1

(i) Java Script

(ii) HTML

(iii) Facebook

(iv) Google Chrome

(d) Which of the following is true about XML: 1

(i) Its full form is Extensible Management Language

(ii) New tags cannot be defined in XML as per the requirement

(iii) XML is used for data formatting

(iv) There can be only one root element in XML document



12. (e) T in FTP stands for : 1
- (i) TABLE 3
 - (ii) TRANSACTION 3
 - (iii) TRANSFER 3
 - (iv) TOTAL

2. Mention any two attributes of <BODY> tag. 1

3. Write the URL of any one e-Banking website. 1

4. What is the full form of HTTP? 1

5. Vinay has just started learning about basics of internet. Which software/application he should use to open any website? 1

6. What is a Web address? 1

Section 'B'

7. Differentiate between Trojans and email Spamming. 2

8. Briefly explain the significance of Social Networking through internet in our day to day life. 2

9. Priyamvada, has just started learning HTML. She has made a list of few HTML tags which she will be using in creating a web page but by mistake she has mentioned wrong attributes in front of the tags. Help her in selecting correct attributes from 'Column B' for the tags given in 'Column A'.



Column A (TAGS)	Column B (ATTRIBUTES)
BODY	MAILTO
IMG	VLINK
UL	HEIGHT
A	TYPE

Or

Mention any two attributes of tag along with their significance.

10. Discuss the significance of DataTypes while creating a database. Mention the name of any two commonly used data types while creating a database.

Or

Tapan, a beginner in database designing, has to design a database of customers of a mobile company. Suggest him any four suitable field names for the same.

11. Ms. Vani, Head Girl of the school, has to display sequence of events of upcoming school's Annual Day function on the school website. Help her in writing HTML code to create a table in HTML as shown in the given screenshot:

ANNUAL DAY FUNCTION-SEQUENCE OF EVENTS		
8:00 AM-9.00 AM	9.00 AM-1:00 PM	1:00 PM-2:00 PM
OPENING CEREMONY	PRIZE DISTRIBUTION	CULTURAL EVENTS



12. Differentiate between Web sites and Web pages with suitable example of each. 3

13. Shahnawaz has to create following list through HTML as a part of his social science project. Help him in writing HTML code for the same. 3

AFRICAN COUNTRIES AND THEIR CAPITALS

1. EGYPT

◦ Cairo

2. ETHIOPIA

◦ Addis Ababa

3. KENYA

◦ Nairobi

14. Explain Virus and Anti-Virus software briefly. Also give the name of any two popular anti-virus software. 3

Or

Discuss the role of data backup and recovery tools and methods in modern day computing. Suggest one-way each for both online as well as offline backup.

15. Draw the XML tree for the code given below. Also identify and name the root element and one child element. 5

<PRODUCT>

<STATIONERY>

<PEN>

<Brand>Fine Nib</Brand>

<Type>Gel</Type>

</PEN>

<COPY>

<Brand>Clear Write</Brand>

<Type>Spiral Notebook</Type>

</COPY>

</STATIONERY>

</PRODUCT>

16. Attempt any one question out of the given two:

Sharda, a beginner in web page designing, is supposed to design a web page to promote yoga among students as shown below:



Yoga: The best way to health and fitness!

Yoga is a discipline and meditation which needs to be practiced physically, mentally, and spiritually. It was originated in the ancient India. It positively affect you both physically and mentally and creates perfect harmony among your mind, body and soul.

[Contact Us](#)

Write the HTML code to design the above shown web page considering the specifications as given below :

(a) Background colour of the page should be yellow and all the hyper linked text should be red in colour.

(b) Image named yoga.jpg should be placed in the center of the webpage.



(c) Heading "The best way to health and fitness!" should be first level of the heading and underlined.

(d) Paragraph should have following formatting styles applicable:

Colour-Blue

Size-5

Font style-Times New Roman

(e) At the bottom of the page, "Contact Us" text should be linked with admin@yoga.com email id.

Or

Differentiate between `^{....}` and `_{....}` tags with suitable example of each.

FOUNDATION OF INFORMATION TECHNOLOGY

Time: 2 1/2 hours

Maximum marks: 40





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FOUNDATION OF INFORMATION TECHNOLOGY

Time allowed : $2\frac{1}{2}$ hours

Maximum Marks : 40

General Instructions : All questions are **compulsory**; however internal choices have been given in few questions.



SECTION A

1. Multiple Choice Questions : 1×5=5
- (a) Which of the following are **not** the attribute of <A> tag ? 1
- (i) NAME
 - (ii) TITLE
 - (iii) HREF
 - (iv) SRC
- (b) Heading tags in HTML are 1
- (i) H1....H6
 - (ii) H1....H5
 - (iii) H1....H10
 - (iv) H1....H8
- (c) Which of the following is/are a popular Web Browser(s) ? 1
- (i) Firefox
 - (ii) Safari
 - (iii) Navigator
 - (iv) All of the above
- (d) Which of the following is **not** true about XML ? 1
- (i) Its full form is Extensible Markup Language
 - (ii) New tags can be defined in XML as per the requirement
 - (iii) XML is used for data sharing
 - (iv) XML tags are not case sensitive
- (e) M in HTML stands for 1
- (i) MANAGEMENT
 - (ii) MARKUP
 - (iii) MODIFIED
 - (iv) MACHINE



2. Mention the suitable HTML tag and the attribute to insert an image named globe.jpg in the background of a webpage. 1
3. Write the URL of any one e-Governance website. 1
4. What is the full form of URL ? 1
5. Briefly discuss the role of a web browser in Internet surfing. 1
6. What are e-Groups ? 1

SECTION B

7. Differentiate between e-Mail Spamming and Computer Worms. 2
8. Briefly explain the significance of Video Conferencing. 2
9. Shreya, has just started learning HTML. She has made a list of few HTML tags which she will be using in creating a web page but by mistake she has mentioned wrong attributes in front of the tags. Help her in selecting correct attributes from 'Column B' for the tags given in 'Column A'. 2

Column A (TAGS)	Column B (ATTRIBUTES)
BODY	NAME
IMG	TEXT
OL	ALT
A	START

OR

Mention any two attributes of tag along with their significance.



10. Explain the terms Data and Database briefly.

2

OR

Observe the field names of a database given below in 'Column A' related to train reservation. Write suitable data types for each field in front of the respective field in 'Column B'.

Column A (Field Name)	Column B (Data Type)
PassengerName	
Age	
Gender	
MobileNo	

11. Mr. Ayush, Sports Captain of the school, has to display sequence of events of the upcoming Annual Sports Day on the school website. Help him in writing HTML code to create a table in HTML as shown in the given screenshot :

3

ANNUAL SPORTS DAY - SEQUENCE OF EVENTS		
8 : 00 AM – 9 : 00 AM	9 : 00 AM – 1 : 00 PM	1 : 00 PM – 2 : 00 PM
CULTURAL EVENTS	TRACK EVENTS	PRIZE DISTRIBUTION

12. Discuss the role of web servers and web clients briefly.

3

13. Sumit has to create following list through HTML as a part of his social science project. Help him in writing HTML code for the same.

3

ASIAN COUNTRIES AND THEIR CAPITALS

1. INDIA
 - New Delhi
2. PAKISTAN
 - Islamabad
3. THAILAND
 - Bangkok



14. What do you understand by the term “Computer Virus” ? Mention any two symptoms which may confirm the virus infection. 3

OR

Suggest any three precautionary measures which one should adopt while being on the social networking websites.

15. Draw the XML tree for the code given below. Also identify and name the root element. 5

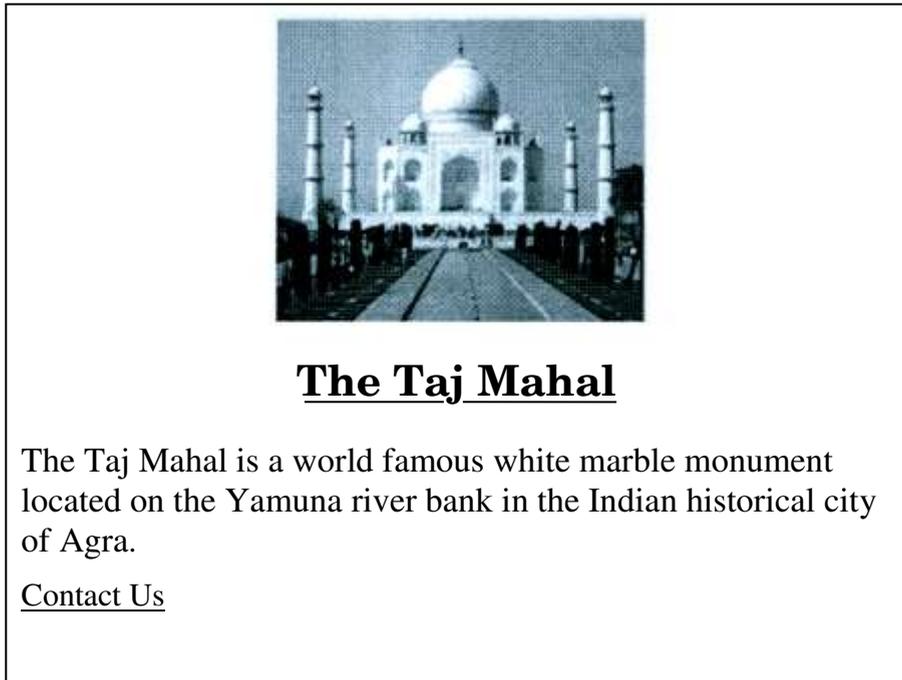
```
<LIBRARY>
<BOOKS>
<CLASSICS>
<Author>Albert Phill</Author>
<Name>Beyond the moon</Name>
</CLASSICS>
</BOOKS>
<MAGAZINE>
<SPORTS>
<Name>Sportstar</Name>
<Frequency>Fortnightly</Frequency>
</SPORTS>
</MAGAZINE>
</LIBRARY>
```



16. Attempt **any one** question out of the given two :

5

Sushila, a web designer working with Global Designers, is supposed to design a web page as shown below :



Write the HTML code to design the above shown web page considering the specifications as given below :

- Background colour of the page should be pink and all the hyperlinked text should be green in colour.
- Image named taj.jpg should be placed in the centre of the webpage.
- Heading “The Taj Mahal” should be first level of the heading and underlined.
- Paragraph should have following formatting styles applicable :
Colour-Blue
Size-5
Font style-Times New Roman



- (e) At the bottom of the page, “Contact Us” text should be linked with admin@taj.com email id.

OR

Differentiate between Container and Empty elements in HTML. Also give any two examples of HTML tags from each category.