

ANSWER KEY

Class -X (2017-18)

Second Preliminary Examination

FOUNDATION OF INFORMATION TECHNOLOGY (Code: 165)

Time: 2 1/2 Hrs.

M.M.:40

General Instructions:

- (i) The sample question paper consists of 16 questions.
- (ii) All questions are compulsory; however internal choice has been given in few questions.

1 Multiple Choice Questions

5

a. Which one of the following is an e-Shopping website: ***Ans:iv (1 mark for correct answer)***

b. Background is an attribute of:

Ans. (i) (1 mark for correct answer)

c. A link used to navigate or open other web pages on a website on internet is called:

Ans. (ii) (1 mark for correct answer)

d. A total of how many headings are there in html:

Ans. (ii) (1 mark for correct answer)

e. Which one of the following is not an attribute of <A> tag:

Ans. (iii) (1 mark for correct answer)

2.

1

Ans Blog is an alternative word for weblog. People often write about their opinion or thought on a particular topic just like they write in their diary or journal. People who write on blogs are called bloggers. ***(1 mark for correct answer)***

3.

1

Ans Full form of HTTP is Hypertext Transfer Protocol. It is the foundation of data communication for the World Wide Web. ***(1 mark for correct answer)***

4.

1

Ans She should use XML. (1 mark for correct answer)

5.

1

Ans FTP (File Transfer Protocol)
(1 mark for correct answer)

6.

1

Ans Full form of URL is Uniform Resource Locator.
(1 mark for correct answer)

7.		2		
Ans	<p>A web browser is an application program used for exploring the information resources available on the World Wide Web to retrieve the required information.</p> <p>Two popular web browsers are Google Chrome and Mozilla Firefox.</p> <p><i>(1 mark for correct purpose of web browser)</i></p> <p><i>(¹/₂ mark each for any two popular web browser name)</i></p>			
8.		2		
Ans	<p>It is an economic and social inequality with regard to access to, use of, or impact of Information and Communication Technologies (ICT).</p> <p><i>(2 mark for correct answer)</i></p>			
9.		2		
Ans	<p>CELLSPACING controls the space between table cells and CELLPADDING sets the amount of space between the contents of the cell and the cell wall.</p> <p style="text-align: center;">OR</p> <p>Container tags are tags which have both opening as well as closing tag like</p> <p></p> <p>Where as empty tags are tags which have only opening tag like <HR>,
.</p>			
10.		2		
Ans	<p>A primary key is a special relational database table column (or combination of columns) designated to uniquely identify each & every table record. It does not contain NULL & duplicate values</p> <p style="text-align: center;">OR</p> <p>A database is usually a large collection of data which is organized in a very effective and efficient manner. It allows the user for rapid search and retrieval of required information.</p> <p><i>(2 mark for correct answer)</i></p>			
11.		3		
Ans	<p> stands for Ordered List which can be either numerical or alphabetical while stands for Unordered List which can be either disc, square or circle.</p> <p>Code examples containing and is given below with their respective outputs:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>HTML CODE AND OUTPUT</p> <p>CODE</p> <p>Hobbies</p> <p></p> <p>Games</p> <p>Programming</p> </td> <td style="width: 50%; vertical-align: top;"> <p>HTML CODE AND OUTPUT</p> <p>CODE</p> <p>Hobbies</p> <p></p> <p>Games</p> <p>Programming</p> </td> </tr> </table>	<p>HTML CODE AND OUTPUT</p> <p>CODE</p> <p>Hobbies</p> <p></p> <p>Games</p> <p>Programming</p>	<p>HTML CODE AND OUTPUT</p> <p>CODE</p> <p>Hobbies</p> <p></p> <p>Games</p> <p>Programming</p>	
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	<p>Dramatics </p>	<p>Dramatics </p>	
	<p><i>(1 mark for correct differentiation of and tag)</i> <i>(2 mark for suitable examples)</i></p>		
12.			3
Ans	<p> tag is used to insert images in any webpage. Its two main attributes are as follows: SRC: It specifies the URL of the image. ALT: It specifies an alternate text for an image. <i>(1 mark for correct purpose of tag)</i> <i>(1 mark each for any two attributes along with their purpose)</i></p>		
13.			3
Ans	<p>Learning with the help of electronic resources like computers, tablets, smart phone, internet etc. is known as E-learning. Advantages of eLearning are:</p> <ul style="list-style-type: none"> • It is time saving as well as removes the distance barrier between learner & teacher. • It has quicker delivery cycle times than traditional classroom-based instruction. • It is less expensive to set-up an e-learning environment. <p><i>(1 mark for correct definition of e-Learning)</i> <i>(1 mark each for any two correct benefits of e-Learning)</i></p>		
14.	<p>In computing, a hacker is any skilled computer expert who uses their technical knowledge to overcome a problem or otherwise gains remote access to a protected computer system mainly to get thrill out of it. A cracker is also a skilled computer expert but he/she breaks into or otherwise violates the system integrity of remote machines with malicious intent. Having gained unauthorized access, crackers destroy vital data, deny legitimate users service, or cause problems for their targets. <i>(3 marks for correct differentiation)</i></p>		3

Ans	<p style="text-align: center;">OR</p> <p>Malware is a computer software which is specifically designed with malicious intention generally to disrupt, damage, or gain authorized access to a computer system. It can be of various types like Virus, Worms, Trojan Horses etc.</p> <p>Any two precautionary measures to be taken against malware are as follows:</p> <ul style="list-style-type: none"> • Install quality Antivirus software • Regular update of Antivirus software and regular PC scan • Do not click on unknown or suspicious links • Avoid pirated software <p><i>(1 mark for correct definition of Malware)</i></p> <p><i>(1 mark for its correct types)</i></p> <p><i>(¹/₂ mark each for any two precautionary measures)</i></p>	
15.		5
	<p><i>(1 mark for correct use of <TABLE> tag fulfilling given specification)</i></p> <p><i>(1 mark for correct use of colspan attribute of <TH> tag)</i></p> <p><i>(1 mark for correct use of rowspan attribute of <TD> tag along with tag)</i></p> <p><i>(1 mark for correct use of cellspacing and cellpadding)</i></p> <p><i>(1 mark for correct use of <A> tag)</i></p>	
16.		
Ans	<p>A.</p> <p>i. These tags are part of XML code.</p> <p>ii. <company></p> <p>iii. <name> and <dept></p> <p>iv. eid and deptid</p> <p>v. false</p>	
	OR	
	<p>B.</p> <p>i. Primary purpose of HTML is to design a webpage while XML is used to store and transport the data.</p> <p>ii. Right</p> <p>iii. Comments are added as notes or lines for understanding the purpose of an XML code.</p> <p>iv. A comment starts with <!-- and ends with -->.</p>	
	Syntax for comments are as follows:	
	<p><!-- Comments --></p> <p>v. An XML document with correct syntax is called "Well Formed".</p>	
	<i>(1 mark for each correct answer)</i>	