

## INFORMATION TECHNOLOGY (SUBJECT CODE : 402)

### CLASS X (SESSION 2021-2022) SAMPLE QUESTION PAPER FOR TERM - II

**Max. Time Allotted : 1 Hour (60 min)**

**Max. Marks : 25**

#### **General Instructions :**

1. Please read the instructions carefully
2. This Question Paper is divided into 03 sections, viz., Section A, Section B and Section C.
3. Section A is of 05 marks and has 06 questions on Employability Skills.
  - a) Question numbers 1 to 4 are one marks questions. Attempt any three questions.
  - b) Question numbers 5 and 6 are two marks questions. Attempt any one question.
4. Section B is of 12 marks and has 12 questions on Subject Specific Skills.
  - a) Questions number 7 to 12 are one marks questions. Attempt any four questions.
  - b) Questions number 13 to 18 are two marks questions. Attempt any four questions.
5. Section C is of 08 marks and has 03 competency-based questions.
  - a) Questions number 19 to 21 are four marks questions. Attempt any two questions.
6. Do as per the instructions given in the respective sections.
7. Marks allotted are mentioned against each section / question.

**SECTION A****(3 + 2 = 5 marks)**

<b>Answer any 3 questions out of the given 4 questions. Each question is of 1 marks</b>		<b>1 x 3 = 3</b>
<b>Q.1</b>	Mention any one myth about Entrepreneurship.	<b>1</b>
<b>Q.2</b>	Give one example of Small Scale Entrepreneurship.	<b>1</b>
<b>Q.3</b>	Promoting of products and services refers to _____.	<b>1</b>
<b>Q.4</b>	What are the 4 R's to manage our waste?	<b>1</b>
<b>Answer any 1 question out of the given 2 questions. Each question is of 2 marks</b>		<b>2 x 1 = 2</b>
<b>Q.5</b>	Explain the relationship between Society and Environment.	<b>2</b>
<b>Q.6</b>	Define Green Economy.	<b>2</b>

**SECTION B****(4 + 8 = 12 marks)**

<b>Answer any 4 questions out of the given 6 questions. Each question is of 1 marks</b>		<b>1 x 4 = 4</b>
<b>Q.7</b>	_____ key is designed to assist people with hand tremors.	<b>1</b>
<b>Q.8</b>	Name the relationship where both the table must have primary key columns.	<b>1</b>
<b>Q.9</b>	Write the general syntax for UPDATE Statement.	<b>1</b>
<b>Q.10</b>	How many ways are there in DBMS to create a Table?	<b>1</b>
<b>Q.11</b>	Give any one example of network based applications.	<b>1</b>
<b>Q.12</b>	Name the organization which provides Internet Connectivity.	<b>1</b>
<b>Answer any 4 question out of the given 6 questions. Each question is of 2 marks</b>		<b>2 x 4 = 8</b>
<b>Q.13</b>	What do you understand by data types? Name any two data types used in the table of a database.	<b>2</b>
<b>Q.14</b>	Differentiate between Peer-to-Peer and Client-Server Architecture.	<b>2</b>
<b>Q.15</b>	How can we share hardware devices with the help of networking? Explain with proper example.	<b>2</b>
<b>Q.16</b>	Explain the term Data Integrity.	<b>2</b>
<b>Q.17</b>	Enlist any two basic safety rules to follow at workplace.	<b>2</b>
<b>Q.18</b>	Why do we need to clear our browsing history regularly?	<b>2</b>

**SECTION C**  
**(COMPETENCY BASED QUESTIONS)**

**(2 X 4 = 8 marks)**

<b>Answer any 2 questions out of the given 3 questions</b>							
<b>Q.19</b>	Write a short note on Internet Security.						<b>4</b>
<b>Q.20</b>	Sunita wants to open a Franchise Restaurant in her locality. For that she needs to chat online with the franchising company's head office. Mention the rules and etiquettes that Sunita needs to follow while chatting online.						<b>4</b>
<b>Q.21</b>	<b>Emp_ID</b>	<b>Emp_Name</b>	<b>Job</b>	<b>Salary</b>	<b>Age</b>	<b>DOB</b>	<b>4</b>
	1501	Muskan	Teacher	40000	29	12-01-93	
	1505	Merry	Doctor	65000	30	01-11-92	
	1511	Renu	Software Engineer	50000	27	20-07-96	
	1513	Shampa	Operator	25000	23	14-03-99	
	1516	Rio	Doctor	60000	30	09-08-92	
	Answer the following from the table given above: i) What will be the data type for attribute DOB? ii) Write SQL commands : a. To display the name of the employees earning more than 40000. b. To update DOB of employee with Emp_ID = 1511 to 20-07-95 c. To display the name of employees with same profession.						
<b>21</b>	<b>FOR VISUALLY IMPAIRED STUDENTS</b>						
	Mention all the key features of Database.						<b>4</b>