

CBSE | DEPARTMENT OF SKILL EDUCATION

INFORMATION TECHNOLOGY (SUBJECT CODE : 402)

CLASS X (SESSION 2021-2022) ANSWER KEY FOR TERM -II

SECTION A

(3 + 2 = 5 marks)

Answer any 3 questions out of the given 4 questions. Each question is of mark.		1 x 3 = 3
ANS.1	They are confident	1
ANS.2	Myth	1
ANS.3	one such practice is : organic farming/ vermicomposting etc.	1
ANS.4	Charanka - Gujarat Solar Park	1
Answer any 1 question out of the given 2 questions. Each question is of 2 marks.		2 x 1 = 2
ANS.5	Any two functions of an entrepreneur are : a. making decisions: b. Managing the business	2
AND.6	Two easy to reduce inequalities are : - be helpful to one another. - be friendly with everyone	2

SECTION B

(4 + 8 = 12 marks)

Answer any 04 questions out of the given 06 questions		1 x 4 = 4
ANS .7	MODEM	1

ANS.8	Toggle key	1
ANS9	Client server	1
ANS.10	TINYINT, SMALLINT, INTEGER, NUMERIC, BIGINT (½ mark for each integer datatype)	1
ANS.11	One to Many Relationship or Many to One Relationship	1
ANS.12	A report helps to display the data in a summarized manner. It is used to generate the overall work outcome in a clear format. You can create reports in the database.	1
Answer any 04 questions out of the given 06 questions		2 x 4 = 8
ANS.13	Four advantages are : Data Sharing Files Transfer Hardware Sharing. Internet Access Sharing Usage of network based applications ½ marks for each correct advantage listed	2
ANS.14	A wired setup uses physical cables to transfer data between different devices and computer systems. Wireless network does not use wires for data or voice. Examples Wired: Dial-up, DSL or Cable Internet Access etc Wireless .3G or WiMAX or Wi-Fi 1 marks for correct difference ½ marks for each correct example	2
ANS.15	An Internet service provider (ISP) is an organization which provides you with access to the Internet via a dial-up (using modem) or direct (hard wired) or wireless connection. DSL, cable modem, dial-up, broadband wireless, WiMAX etc 1 marks for the correct definition and 1/2 each for correct connection type	2

ANS.16	<p>Entry Required – if set to yes then it will be necessary for the user to insert the value in the field which means that field cannot be left blank.</p> <p>Default Value – A default value can be set for a field if user don't provide any value while entering the values in the table.</p> <p>(1 mark for each property)</p>	2														
ANS.17	<p>Referential Integrity is used to maintain accuracy and consistency of data in a relationship. In Base, data can be linked between two or more tables with the help of primary key and foreign key constraints.</p> <p>Referential integrity helps to avoid:</p> <ol style="list-style-type: none"> 1. Records can be added to a related table, if there is no associated record available in the primary key table. 2. The values can be modified in a primary if any dependent records are present in the associated table(s). 3. Deleting records from a primary key table if there are any matching related records available in associated table(s) <p>(1 mark for definition. ½ mark each for any two purposes.)</p>	2														
ANS.18	<table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Columns</th> <th style="text-align: left;">Data type</th> </tr> </thead> <tbody> <tr> <td>Flight No</td> <td>Text</td> </tr> <tr> <td>No.of Passengers</td> <td>Integer</td> </tr> <tr> <td>Airlines</td> <td>Text</td> </tr> <tr> <td>Arrival Time</td> <td>Date/Time</td> </tr> <tr> <td>Departure Time</td> <td>Date/Time</td> </tr> <tr> <td>Fares</td> <td>Float</td> </tr> </tbody> </table> <p>(½ mark for each column & data type)</p>	Columns	Data type	Flight No	Text	No.of Passengers	Integer	Airlines	Text	Arrival Time	Date/Time	Departure Time	Date/Time	Fares	Float	2
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SECTION C **(2 x 4 = 8 marks)**
(COMPETENCY BASED QUESTIONS)

Answer any 02 questions out of the given 03 questions		
ANS.19	<p>a. Google Talk , Yahoo! Messenger , Skype , Windows Live Messenger , Rediff Bol, MS-Teams, ZOOM etc. ½ marks for each correct name</p> <p>b. Headphone, Speaker & Microphone & Web Camera ½ marks for each correct hardware listed</p>	4

ANS.20	<p>1. credit, debit card or by internet banking etc(1/ 2 marks for each correct options)</p> <p>2.</p> <ul style="list-style-type: none"> • A customer does not have sufficient time to visit stores. • Visiting a store is more expensive than purchasing a product online. • A product or service that is not available in the local market is available online. etc (1/ 2 marks for each correct situation) <p>3.Flipkart , amazon, Myntra etc</p> <p>(1/ 2 marks for each correct name of website)</p> <p>1. Cash On Delivery</p> <p>1 marks for correct full form</p>	4
ANS.21	<ul style="list-style-type: none"> a. Select * from Teachers where subject = "COMPUTER"; b. Select * from teachers where salary >= 20000 and salary <= 35000; c. Select Subject from Teachers where age > 40; d. Select * from Teachers order by name 	4
ANS 21 for FOR VISUALLY IMPAIRED STUDENTS	<p>a. Data Integrity: Data Integrity is very important as there are multiple databases in a DBMS. It means that the data is accurate and consistent in the database.</p> <p>b. Data Inconsistency: Data inconsistency is when the same data exists in different forms in multiple tables. Which can provide a unreliable or meaningless information.</p> <p>c. Composite Primary Key: It is also called a composite key. It is a combination of two or more columns to form a primary key for a table</p> <p>d. Relationship: A relationship refers to an association or connection between two or more tables. When we relate two tables, we don't need to enter the same data in separate tables.</p> <p>Three types of relationships are:</p> <ul style="list-style-type: none"> 1. One to One relationship 2. One to many or many to one relationship 3. Many to many relationships <p>(1 mark each for all the parts.)</p>	

