

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

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

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

<b>Answer any 04 questions out of the given 06 questions</b>		<b>1 x 4 = 4</b>
<b>Q.7</b>	MODEM 1 mark for the correct answer	<b>1</b>
<b>Q.8</b>	Toggle key 1 mark for correct answer	<b>1</b>
<b>Q.9</b>	Ans: client server 1 mark for correct answer	<b>1</b>
<b>Q.10</b>	Ans: TINYINT, SMALLINT, INTEGER, NUMERIC, BIGINT  (½ mark for each integer datatype)	<b>1</b>
<b>Q.11</b>	Ans: One to Many Relationship or Many to One Relationship	<b>1</b>
<b>Q.12</b>	Ans: 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.	<b>1</b>
<b>Answer any 04 questions out of the given 06 questions</b>		<b>2 x 4 = 8</b>
<b>Q.13</b>	Ans. Four advantages are :  Data Sharing Files Transfer Hardware Sharing. Internet Access Sharing Usage of network based applications  ½ marks for each correct advantage listed	<b>2</b>
<b>Q.14</b>	Ans: 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	<b>2</b>
<b>Q.15</b>	Ans: 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	<b>2</b>

<b>Q.16</b>	<p>Ans:</p> <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>	<b>2</b>														
<b>Q.17</b>	<p>Ans:</p> <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"><li>1. Records can be added to a related table, if there is no associated record available in the primary key table.</li><li>2. The values can be modified in a primary if any dependent records are present in the associated table(s).</li><li>3. Deleting records from a primary key table if there are any matching related records available in associated table(s)</li></ol> <p>( 1 mark for definition. ½ mark each for any two purposes.)</p>	<b>2</b>														
<b>Q.18</b>	<p>Ans:</p> <table><tr><td>Columns</td><td>Data type</td></tr><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></table> <p>(½ mark for each column &amp; 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	<b>2</b>
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**SECTION C**  
**(COMPETENCY BASED QUESTIONS)**

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

<b>Answer any 02 questions out of the given 03 questions</b>		
<b>Q.19</b>	<p>Ans</p> <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 &amp; Microphone &amp; Web Camera ½ marks for each correct hardware listed</p>	<b>4</b>

<b>Q.20</b>	<p><b>Ans:</b>1. credit, debit card or by internet banking etc</p> <p>(1/ 2 marks for each correct options)</p> <p>2.</p> <ul style="list-style-type: none"> <li>• A customer does not have sufficient time to visit stores.</li> <li>• Visiting a store is more expensive than purchasing a product online.</li> <li>• A product or service that is not available in the local market is available online. etc</li> </ul> <p>(1/ 2 marks for each correct situation )</p> <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>	<p><b>4</b></p>
<b>Q.21</b>	<p><b>Ans:</b></p> <ol style="list-style-type: none"> <li>Select * from Teachers where subject = "COMPUTER";</li> <li>Select * from teachers where salary &gt;= 20000 and salary &lt;= 35000;</li> <li>Select Subject from Teachers where age &gt; 40;</li> <li>Select * from Teachers order by name</li> </ol>	<p><b>4</b></p>
<b>Q.21 FOR VISUALLY IMPAIRED STUDENTS</b>	<p><b>Ans:</b></p> <ol style="list-style-type: none"> <li><b>Data Integrity:</b> 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.</li> <li><b>Data Inconsistency:</b> Data inconsistency is when the same data exists in different forms in multiple tables. Which can provide a unreliable or meaningless information.</li> <li><b>Composite Primary Key:</b> It is also called a composite key. It is a combination of two or more columns to form a primary key for a table</li> <li><b>Relationship:</b> 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.</li> </ol> <p>Three types of relationships are:</p> <ol style="list-style-type: none"> <li>1. One to One relationship</li> <li>2. One to many or many to one relationship</li> <li>3. Many to many relationships</li> </ol> <p><b>(1 mark each for all the parts.)</b></p>	