<u>CBSE | DEPARTMENT OF SKILL EDUCATION</u>

ARTIFITICIAL INTELLIGENCE (SUBJECT CODE 843)

CLASS XII (SESSION 2021-2022)
MARKING SCHEME FOR TERM – II

Max. Time Allowed: 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) Questions numbers 1 to 4 are one mark questions. Attempt any three questions.
   b) Questions numbers 05 and 06 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 numbers 7 to 12 are one mark questions. Attempt any four questions.
   b) Questions numbers 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 numbers 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)

Answer any 03 questions out of the given 04 questions		1 x 3 = 3
Q.1	Initiative, willingness to take risks, ability to learn from experience, motivation, self-confidence, hard-work, decision making ability.	1
Q.2	An entrepreneur has the potential a willingness to overcome every hurdle that comes in way of an entrepreneur. Qualities can be uniqueness, need to influence, identifying opportunities and risk taking.	1
Q.3	Use of non- renewable resources and sustainable development.	1
Q.4	Plants such as Areca Palm and Rubber Plant absorb harmful pollutants from the air.	1
Answer any 01 question out of the given 02 questions		**2 x 1 = 2**
Q.5	Ways are: • Use reusable grocery bags and not just for groceries. • Purchase wisely and recycle • Avoid single use food and drink containers and utensils. • Compost it	2
Q.6	Swachh Bharat Abhiyan was launched to solve the problems of sanitation and waste management in India by ensuring hygiene across the country.	2

Answer any 04 questions out of the given 06 questions		1 x 4 = 4
Q.7	Information collected about the physical world	**1**
Q.8	Easier to retain	**1**
Q.9	Data Exploration	**1**
Q.10	Insights	**1**
Q.11	Make sense of a complex world	**1**
Q.12	Boundaries and Culture	**1**
Answer any 04 questions out of the given 06 questions		2 x 4 = 8
Q.13	Visualization & Data	**2**
Q.14	1.Visuals 2.Data 3.Narrative	**2**
Q.15	<table><tr><td>DATE</td><td>CAPACITY</td><td>DEMAND</td></tr><tr><td>2019-04</td><td>29,263</td><td>46,193</td></tr><tr><td>2019-05</td><td>28,037</td><td>49,131</td></tr><tr><td>2019-06</td><td>21,596</td><td>50,124</td></tr><tr><td>2019-07</td><td>25,895</td><td>48,850</td></tr><tr><td>2019-08</td><td>25,813</td><td>47,602</td></tr><tr><td>2019-09</td><td>22,427</td><td>43,697</td></tr><tr><td>2019-10</td><td>23,605</td><td>41,058</td></tr><tr><td>2019-11</td><td>24,263</td><td>37,364</td></tr><tr><td>2019-12</td><td>24,243</td><td>34,364</td></tr></table>	**2**
Q.16	1. Understanding the audience 2. Choosing the right data and visualisations 3. Drawing attention to key information 4. Developing a narrative 5. Engaging your audience	**2**
Q.17	Bar Graph, Line Graph	**2**
Q.18	Narrative and Visual	**2**

Answer any 02 questions out of the given 03 questions

Q.19		4
Q.20	1. It is an effective tool to transmit human experience. Narrative is the way we simplify and make sense of a complex world. It supplies context, insight, interpretation—all the things that make data meaningful, more relevant and interesting. 2. No matter how impressive an analysis, or how high-quality the data, it is not going to compel change unless the people involved understand what is explained through a story. 3. Stories that incorporate data and analytics are more convincing than those based entirely on anecdotes or personal experience. 4. It helps to standardize communications and spread results. 5. It makes information memorable and easier to retain in the long run.	4
Q.21	Data storytelling is a structured approach for communicating insights drawn from data, and invariably involves a combination of three key elements: data, visuals, and narrative. When the narrative is accompanied with data, it helps to explain the audience what's happening in the data and why a particular insight has been generated. When visuals are applied to data, they can enlighten the audience to the insights that they wouldn't perceive without the charts or graphs. Finally, when narrative and visuals are merged together, they can engage or even entertain an audience. When you combine the right visuals and narrative with the right data, you have a data story that can influence and drive change. 	4