

CBSE | DEPARTMENT OF SKILL EDUCATION

ARTIFICIAL INTELLIGENCE (SUBJECT CODE 843)

CLASS XII (SESSION 2021-2022) MARKING SCHEME FOR TERM -1

Max. Time Allowed: 60 Minutes (1 Hr.)

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.
4. Section B is of 15 marks and has 20 questions on Subject specific Skills.
5. Section C is of 05 marks and has 07 competency-based questions.
6. Do as per the instructions given in the respective sections.
7. Marks allotted are mentioned against each Section/question.
8. All questions must be attempted in the correct order

SECTION A

Answer any 5 questions out of the given 6 questions on Employability Skills

(1 x 5 = 5 marks)

1.	Ans. b. Being pre-occupied	1
2.	Ans. a. Capitalize	1
3.	Ans. a. Reema help others as it gives her satisfaction.	1
4.	Ans. c. Realistic	1
5.	Ans. a. Row	1
6.	Ans. a. Windows	1

SECTION B

Answer any 15 questions out of the given 20 questions

(1 x 15 = 15 marks)

7.	Ans. b. Quantitative data	1
8.	Ans. b. Survey	1
9.	Ans. c Training Set	1
10.	Ans. b Mean Absolute Error	1
11.	Ans. b AI Project Cycle	1
12.	Ans. a Log Loss	1
13.	Ans. d. 1 and 3	1
14.	Ans. a. Only 1 is correct	1

15.	Ans. d. 1, 2 and 3	1
16.	Ans. a. 1	1
17.	Ans. a. Data Requirements >> Data Collection >> Data understanding >> Data preparation	1
18.	Ans. b. Get more training data	1
19.	Ans. b Empathies	1
20.	Ans. c. It makes the cost function faster to optimize	1
21.	Ans. a Scikit-learn	1
22.	Ans. c. Point estimate for population standard deviation is 3.5	1
23.	Ans. c. KNN is used only for classification problem statements.	1
24.	Ans. d. 28.956	1
25.	Ans. c. Reinforcement Learning.	1
26.	Ans. c Python	1

SECTION C
(COMPETENCY BASED QUESTIONS)

Answer any 5 questions out of the given 7 questions

(1 x 5 = 5 marks)

27.	Ans. c iii)	1
28.	Ans. b. Correlation and covariance values are the same.	1
29.	Ans. d Data evaluation	1
30.	Ans. b ii)	1
31.	Ans. b. Feature Extraction needs to be done manually in both ML and DL algorithms.	1
32.	Ans. a Predictive Model	1
33.	Ans. a. Artificial neurons are similar in operation to biological neurons.	1