

END SEMESTER EXAMINATION, 2024-25
GOVERNMENT RAJMATA VIJAYA RAJE SINDHIYA KANYA
MAHAVIDYALYA KAWARDHA
COURSE CODE - CSSC-01T
COURSE TITLE – COMPUTER FUNDAMENTAL AND
OPERATING SYSTEM
COURSE TYPE – DSC/GE

Duration: 3 Hours**Max. Marks – 70****INSTRUCTIONS:** Attempt all questions from **SECTION - A****Multiple Choice Questions (MCQs):** **5x1=5**

1. What does AI primarily aim to simulate?
 - a) Human emotions
 - b) Human intelligence
 - c) Human behavior
 - d) Human memory
2. Which of these is not a conversational AI tool?
 - a) Alexa
 - b) Siri
 - c) Cortana
 - d) Photoshop
3. How is AI transforming agriculture?
 - a) Automated planting
 - b) Soil analysis
 - c) Weather prediction
 - d) All of the above
4. **Which country is considered a pioneer in AI research?**
 - a) India
 - b) USA
 - c) China
 - d) Germany
5. E-commerce companies use AI for:
 - a) Inventory management

- b) Personalized recommendations
- c) Fraud detection
- d) All of the above

Short Answer Questions:**5x2=10**

1. Define Artificial Intelligence (AI).
2. What is Natural Language Processing (NLP)?
3. What role does AI play in image creation?
4. Mention one way AI is used in environmental conservation.
5. What is the role of AI in e-commerce?

Descriptive Questions:**4x5=20****UNIT – I**

- 1.Explain the foundations and key areas of AI with examples.

OR

2. Discuss the future of AI and its potential impact on society.

UNIT – II

- 1.Discuss the significance of deep learning and its applications in modern AI.

OR

- 2.Explain the concept of machine learning and its relationship with AI.

UNIT – III

- 1.Describe the various AI tools available for creative industries.

OR

- 2.Discuss the role and future of conversational AI in daily life.

UNIT – IV

- 1.Explain the impact of AI on healthcare and e-commerce.

OR

- 2.Discuss how AI is transforming education and environmental management.