

UG 3rd - Semester Examination- 2024 (Under NCCF)

Award	:	All	
Discipline	:	Computer Science	
Course Type	:	MDC-3 (MD)	
Course Name	:	Impact of Artificial Intelligence in Education	
Course Code	:	MDC313	
Full Marks	:	35	Time: 2 Hours

(The figures in the right-hand margin indicate full marks. Candidates are required to give their answers in their own words as far as practicable. Notations and symbols have their usual meaning.)

1. Answer any *five* of the following questions.**1X5=5**

- Define PEAS in AI.
- What do you mean by adaptive learning platforms?
- What are AI teaching assistants?
- Define LMS in AI.
- What is Self Directed Learning?
- What is Assessment Automation?
- Write the benefits of Enhanced Learning Outcomes.
- Write the full form of EMIS.

2. Answer any *five* of the following questions.**2X5=10**

- Do you believe artificial intelligence can help address educational equity issues? Justify your answer.
- Do you think the use of artificial intelligence in education can lead to job losses for teachers? Justify your answer.
- Which aspects of education do you think artificial intelligence should not be involved in? Justify your answer.
- What is ChatGPT?
- What do you mean by Intelligent Tutoring System?
- What is GDPR compliance in educational AI systems?
- What is Essay grading?
- Which areas of education do you think artificial intelligence can be most beneficial in?

3. Answer any *two* of the following questions.**5X2=10**

- Explain the role of AI in shaping future education policies.
- Write the legal implications and data protection regulations in AI.
- Explain about the conversational AI's role in providing 24/7 student support and assistance.

- d) Which ethical considerations should be taken into account when using artificial intelligence in education? Explain in brief.

4. Answer any *one* of the following questions.

10X1=10

- a) i) Explain the role of AI in teacher professional development and skill-building.
ii) Discuss the machine learning techniques commonly used in education applications. 5+5

- b) Write Short Note on (any two)

2X5

- i) AI Agents
ii) Plagiarism and Academic Integrity
iii) The evolution to Learning Management Systems

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