**Question Paper for DSC – (UK1DSCENG105)**

University of Kerala

UoK -FYUGP

Pedagogical Approaches and Evaluation - 2024

| **University of Kerala** | |
| --- | --- |
| Discipline: Communicative English | Time: 2 Hours (120 Mins.) |
| Course Code: UK1DSCECE104 | Total Marks: 56 |
| Course Title: Introduction to Artificial Intelligence |  |
| Type of Course: DSC |  |
| Semester: 1 |  |
| Academic Level: 100-199 |  |
| Total Credit: 4, Theory: 4 Credit, Practical: 0 Credit |  |

Part A. 6 Marks. Time: 5 Minutes

Objective Type. 1 Mark Each. Answer All Questions

(Cognitive Level: Remember/Understand)

| **Qn.**  **No.** | **Question** | **Cognitive Level** | **Course Outcome (CO)** |
| --- | --- | --- | --- |
| 1. | What are AI-driven chatbots? | Remember | 2 |
| 2. | What is the main purpose of AI tools like ChatGPT in communication? | Remember | 1 |
| 3. | Define Co-authoring | Understand | 1 |
| 4. | List any one variation of the Turing test. | Understand | 1 |
| 5. | What are AI-driven chatbots? | Understand | 2 |
| 6. | Name three popular virtual assistants powered by AI. | Understand | 2 |

Part B. 10 Marks. Time: 20 Minutes

Two-Three sentences. 2 Marks Each. Answer All Questions

(Cognitive Level: Understand/Apply)

| **Qn.**  **No.** | **Question** | **Cognitive Level** | **Course**  **Outcome (CO)** |
| --- | --- | --- | --- |
| 7. | What is the purpose of AI tools like Grammarly and Crystal? | Understand | 1 |
| 8. | What are the branches of AI? | Understand | 1 |
| 9. | How can AI tools be used to enhance the analysis of literary texts while preserving their originality? | Apply | 3 |
| 10. | What practical steps can be taken to address biases in AI algorithms? | Apply | 4 |
| 11. | Why is privacy a significant ethical concern in AI? | Apply | 3 |

Part C. 16 Marks. Time: 35 Minutes

Short Answer. 4 Marks Each. Answer all 4 questions, choosing among options within each question.

(Cognitive Level: Apply/Analyse)

| Qn.  No. | Question | Cognitive Level | Course  Outcome  (CO) |
| --- | --- | --- | --- |
| 12. | a) Discuss the impact of AI on human communication.  OR  b) How can the branch of AI “Computer Vision” be applied in the healthcare industry? | Apply | 3 |
| 13. | a) In what ways can “Natural Language Processing” (NLP) be utilized in the field of education?  OR  b) Analyse the evolution and importance of the Turing test in AI? . | Apply | 3 |
| 14. | a) Critically analyse the intersection of technology and literature in the changing contemporary world in Arpit’s point of view.  OR  b) Analyse moral and ethical issues associated with using AI in communication. | Analyse | 3 |
| 15 | a) Analyse how AI can transform the methodologies used in literary research. What are some advantages of using AI for distant reading?  OR  b) What is the role of humans in the age of AI? | Analyse | 3 |

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Part D. 24 Marks. Time: 60 Minutes

Long Answer. 6 Marks Each. Answer all 4 questions, choosing among options within each question. (Cognitive Level: Analyse/Evaluate/Create)

| **Qn.**  **No.** | **Question** | | | | | | | **Cognitive Level** | **Course**  **Outcome**  **(CO)** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 16 | a) Generative AI can be applied to solve complex tasks. Critically assess the limitations of Generative AI and how AI systems evolve to overcome these limitations.  OR  b) The invention of AI has created a tremendous change in the progress and development of technology. How these developments have shaped the current era? Discuss. | | | | | | | Analyse | 4 |
| 17 | a) Examine the implications of AI on creativity within literary studies. In what ways can AI inspire original literary works?  OR  b) Examine the implications of AI on creativity within literary studies. In what ways can AI inspire original literary works? | | | | | | | Evaluate | 4 |
| 18. | a) Critically evaluate Manu Anthrayose’s argument that generative AI tools can enhance English literature studies. To what extent do you agree with his perspective?  OR  b) Critically evaluate Pranvi Shukla’s perspective on preserving originality in the context of AI-driven literature. How does her work contribute to the discourse on AI’s impact on literary authenticity? | | | | | | | Evaluate | 4 |
| 19. | a) Nowadays AI plays a significant role in enhancing language skills. Critically discuss how AI can address these learning styles and how it helps to accommodate diverse learners.  OR  b) What regulations would you propose regarding the use of AI in literary research to maintain authenticity? | | | | | | | Create | 5 |
|  |  | | | | | | |  |  |
| **Cognitive Level** | | **Marks** | | **Percentage** | |  | | | |
| Remember | | 2 | | 3.6 | |
| Understand | | 8 | | 14.3 | |
| Apply | | 14 | | 25.0 | |
| Analyse | | 14 | | 25.0 | |
| Evaluate | | 12 | | 21.4 | |
| Create | | 6 | | 10.7 | |
| **TOTAL** | | **56** | | **100** | |
| **Course Outcomes** | | | **Marks** | | **Percentage** | |  | | |
|  | | |  | |  | |
| **TOTAL** | | | **56** | | **100** | |