

University of Kerala

UoK -FYUGP

Pedagogical Approaches and Evaluation - 2024

**TEMPLATE 6**

| **University   of Kerala** | | |
| --- | --- | --- |
| Discipline: English |  | Time: 1 Hour (60 Mins) |
| Course Code: UK1AECENG103 |  | Total Marks: 28 |
| Course Title: Science through the Prism of English I |  |  |
| Type of Course: AEC |  |  |
| Semester: 1 |  |  |
| Academic Level; 100-199 |  |  |
| Total Credit:3,Theory:2 Credit,Practical:1 Credit |  |  |

Part A. 4 Marks. 'Time: 5 Minutes   
Objective Type, I Mark Each. Answer All Questions   
(Cognitive Level: Remember/Understand)

| **Qn.  No.** | **Question** | **Cognitive  Level** | **Course  Outcome  (CO)** |
| --- | --- | --- | --- |
| 1. | Name a pioneer for women in STEM | Remember | 5 |
| 2. | Who delivered the TEDtalk titled *Questioning Universe* | Remember | 5 |
| 3. | What laid the basis for Scientific Revolution | Understand | 5 |
| 4. | What was Leonardo’s fascination | Understand | 5 |

Part B. 8 Marks, Time: 15 Minutes   
Short Answer. 2 Marks Each. Answer All Questions   
(Cognitive Level: Understand/Apply)

| **Qn.  No.** | **Question** | **Cognitive  Level** | **Course  Outcome  (CO)** |
| --- | --- | --- | --- |
| 5. | What is the discovery of ignorance | Understand | 1 |
| 6. | What is a paradigm shift | Understand | 1 |
| 7. | How does the TED talk *Questioning the Universe* begin | Apply | 1 |
| 8. | What is the significance of the contributions of Anna Mani to Science | Apply | 1 |

Part C. 16 Marks, Time: 40 Minutes

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

| **Qn,  No.** | **Question** | **Cognitive  Level** | **Course  Outcome**  **(CO)**  4,5 |
| --- | --- | --- | --- |
| 9. | Write a short essay on Richard Poss’s views on *The Art and Science of Leonardo da Vinci*  Or  What are the main points highlighted in the essay *Paradigm Shifts in Science: Insights from the Arts* | Apply |
| 10. | Analyse The Discovery of Ignorance  *Or*  Analyse the character of Nicola Tesla | Analyze | 4,5 |
| 11. | What is Stephen Hawking trying to convey through his TED talk *Questioning Universe*  Or  Discuss the main ideas *in The Discovery of Ignorance Sapiens: A Brief History of Humankind* | Evaluate | 4,5 |
| 12. | Write an essay on the influence of science and technology in everyday life  Or  Write an essay on a major scientific discoveries that have revolutionized human life | Create | 4,5 |

