

FIRST SEMESTER FYUGP EXAMINATION, NOVEMBER 2025**Improvement/Supplementary (2024 Admissions)****AEC 1****ENG1FA101(2): ENGLISH LANGUAGE SKILLS FOR SCIENCES****Time: 1 ½ Hrs.****M: Mark BL: Bloom's Taxonomy Level (1 to 6) CO: Course Outcome Maximum Marks: 50**

| Section A: Answer all questions. Each carries 2 marks. Ceiling Marks: 16 | | | | |
|---|--|----------|-----------|-------------------|
| No. | Question | M | BL | CO |
| 1. | What is the geographical setting of the poem "Above Pate Valley"? | 2 | 1 | CO4 |
| 2. | What major discovery in the 1920s changed our understanding of the universe's nature? | 2 | 2 | CO3 CO4 |
| 3. | How does the concept of the universe creating itself out of nothing challenge traditional ideas about the origin of the universe? | 2 | 3 | CO2 CO4 |
| 4. | Suggest a new question about the universe that Hawking did not address. | 2 | 6 | CO1 CO3 |
| 5. | How does Living Carbon's approach differ from traditional tree farming methods? | 2 | 4 | CO2 CO4 |
| 6. | Who is the "dark lady" referred to in the title? | 2 | 1 | CO4 |
| 7. | Briefly explain the Compton effect. | 2 | 2 | CO2 CO4 |
| 8. | Identify two different methods Raman used to communicate science to the public. | 2 | 4 | CO3 CO4 CO5 |
| 9. | What specific details about the Red Room are mentioned that create an unsettling atmosphere? | 2 | 1 | CO4 CO5 |
| 10. | How is a personal statement different from a resume or CV? | 2 | 4 | CO2 CO4 CO5 |
| Section B: Answer all questions. Each carries 6 Marks. Ceiling Marks: 24 | | | | |
| No. | Question | M | BL | CO |
| 11. | How does the documentary use footage from the Fairy Creek protests to illustrate the human cost of deforestation? | 6 | 2 | CO2 CO4 |
| 12. | Explain how the concept of "prejudice against women scientists" might impact scientific progress. | 6 | 4 | CO1 CO3 CO4 |
| 13. | Discuss the importance of C.V. Raman's public outreach initiatives in educating the public and youth about science. | 6 | 5 | CO3 CO4 CO5 |
| 14. | Analyse the significance of the candles in the story and explain how they represent the protagonist's battle against fear. | 6 | 4 | CO3 CO4 |
| 15. | Why is outlining your professional goals important in the ASOP? | 6 | 2 | CO4 |
| Section C: Answer any one question. Each carries 10 marks. (1 x 10 = 10 Marks) | | | | |
| No. | Question | M | BL | CO |
| 16. | Write a story set 100 years from now, exploring the consequences of current environmental and technological trends. How have these changes affected human life and the planet? | 10 | 6 | CO1 CO5 |
| 17. | Analyze how Chekhov uses the theme of innocence and experience in "A Day in the Country." | 10 | 4 | CO2 CO4 |