



U8042

Reg. No.:**Name:**.....**University of Kerala**

First Semester Degree Examination, November 2024
 Four Year Under Graduate Programme
 Ability Enhancement Course
 English
UK1AECENG103 Science Through the Prism of English
 Academic Level: 100-199

Time:1 Hour**Max.Marks:28****Part A.**

Answer All Questions, Objective Type. 1 Mark Each.

(Cognitive Level: Remember/Understand)

4 Marks. Time: 5 Minutes

Qn No.	Question	Cognitive Level	Course Outcome (CO)
1.	What is the title of the seminar led by Richard Poss?	Remember	4
2.	Tesla's mother, _____, was credited by Tesla for his inventive ability.	Remember	4
3.	_____ phenomenon provides evidence of the early universe as per Hawking's discussion.	Understand	1
4.	According to Anthony Carpi and Anne E. Egger, the method involving the gathering of data through observation and measurements is called _____	Understand	1

Part B.

Answer All Questions, Short Answer. 2 Marks Each.

(Cognitive Level: Understand/Apply)

8 Marks. Time: 15 Minutes

Qn No.	Question	Cognitive Level	Course Outcome (CO)
5.	Why does Yarari say that nationalism is considered as the only modern ideology that gives significance to death?.	Understand	4
6.	Describe the relationship between scientists and the scientific literature.	Understand	1
7.	How did Tesla's childhood experiences contribute to his later work?	Apply	1
8.	Describe how James Rosenquist uses visual symbols to represent the formation of ideas.	Apply	4

Part C.

Answer all 4 Questions, choosing among options within each question.
Long Answer. 4 Marks Each. (Cognitive Level: Apply/Analyse/Evaluate/Create).
16 Marks. Time: 40 Minutes

Qn No.	Question	Cognitive Level	Course Outcome (CO)
9 (a)	Using examples from the passage, <i>The Discovery of Ignorance</i> , describe how advancements in medical technology have changed societal attitudes toward death and dying.	Apply	1
9 (b)	OR Analyse the relationship between Tesla's genius and his personal sacrifices.		1
10. (a)	Analyse the potential consequences of resisting paradigm shifts in scientific and artistic communities, citing examples from the article.	Analyse	4
10 (b)	OR According to Hawking, what are the reasons behind the lack of contact with extra-terrestrial civilizations and its implications?		4
11 (a)	Evaluate the challenges and successes the writer encountered while attempting to explain wind to children. How could he improve his approach in future writings?	Evaluate	1
11 (b)	OR Discuss the long-term implications of Anna Mani's legacy for women's participation in STEM fields today.		1
12 (a)	Write a short note to explain the role of Carbon di oxide in increasing global warming.	Create	5
12 (b)	OR Create a proposal for a collaborative project between scientists and local communities to monitor environmental changes.		5