

Reg. No.:



Name:

University of Kerala

W7304

First Semester FYUGP Degree Examination, December 2025

Ability Enhancement Courses

ENGLISH

UK1AECENG103 - Science Through the Prism of English I

Academic Level: 100-199

2024 Admission onwards

Time: 1 Hour

Max. Marks: 28

Part A ,4 Marks ,Time 5 Minutes (Cognitive Level :Remember(RE)/Understand(UN))Objective Type 1 mark each, Answer all questions

Qn No.	Question	CL	CO
1	The book <i>Prodigal Genius: The Life of Nikola Tesla</i> is written by.....?	RE	2
2	What nickname was Anna Mani given in recognition of her work?	RE	2
3	Why are analogies useful in science writing for kids?	UN	1
4	What was Leonardo's fascination	UN	5

Part B ,8 Marks ,Time 15 Minutes (Cognitive Level :Understand(UN)/Apply(AP))Short Answer 2 marks each, Answer all questions

Qn No.	Question	CL	CO
5	How did Anna Mani's work contribute to the development of meteorology in India?	UN	1
6	Write a note on scientific research methods.	UN	1
7	What is one characteristic of good science writing for children?	AP	3
8	How did Tesla's mother influence his scientific interests?	AP	1

Part C ,16 Marks ,Time 40 Minutes (Cognitive Level :Apply(AP)/Analyse(AN)/Evaluate(EV)/Long Answer 4 marks each, Answer all questions choosing among options* within each question

Qn No.	Question	CL	CO
9	A) Explain the four interconnected research methods of science. OR B) Apply the ideas from Harari to explain how accepting ignorance has shaped modern science	AP	3, 3

Qn No.	Question	CL	CO
10	A) Analyze the impact of advances in medicine on human life expectancy based on the text of "Sapiens: A Brief History of Humankind." OR B) Analyse the potential consequences of resisting paradigm shifts in scientific and artistic communities, citing examples from the article.	AN	5, 4
11	A) Discuss the long-term implications of Anna Mani's legacy for women's participation in STEM fields today. OR B) What, according to Stephen Hawking, is the future of the human race? Evaluate.	EV	5, 3
12	A) Write an essay on how you can use science in everyday life. OR B) B. Write a letter from a young girl scientist to Anna Mani, expressing how her story inspired her to pursue science.	CR	4, 3