

QP Code: D142325		Total Pages:1	Name:
			Register No.
SECOND SEMESTER (CUFYUGP) DEGREE EXAMINATION, APRIL 2026			
APPLIED PHYSICS / PHYSICS			
APH2FM106 / PHY2FM106 –Astronomy and Stargazing			
2024 Admission onwards			
Maximum Time :1.5 Hours			Maximum Marks :50
Section A			
All Questions can be answered. Each Question carries 2 marks (Ceiling: 16 Marks)			
1	What do you mean by astronomy?		
2	State Kepler's first law of Planetary motion		
3	Write short notes on Canis Major Constellations		
4	Differentiate between equinoxes and solstices.		
5	What are asteroids? Give two examples.		
6	Write any one difference between planets and stars.		
7	Why do stars twinkle?		
8	What is a red giant?		
9	How do the Phases of moon happen?		
10	Differentiate between solar eclipse and lunar eclipse.		
Section B			
All Questions can be answered. Each Question carries 6 marks (Ceiling : 24 Marks)			
11	What were Hipparchus' contributions to the field of astronomy?		
12	Write a note on formation of stars		
13	What are the eight phases of the Moon and how do they occur?		
14	Discuss the sun's paths. How is it different from moon's path?		
15	Differentiate between planets and dwarf planets. Give two examples for each.		
Section C			
Answer any ONE. Each Question carries 10 marks (1x10=10 Marks)			
16	Write a note on Galileo and the Beginning of Modern Science.		
17	Draw the Orion and Canis Major constellations and mark their brightest stars.		