

QP CODE: D2BCE2503	(Pages: 2)	Reg. No :
		Name :
Second Semester B.Sc (FYUGP) Degree Examinations April 2026 (Regular/Improvement/Supplementary) Ability Enhancement Courses (AEC) ENG2FA103(2) : Advanced English Language Skills for Sciences		
Time: 1.5 Hours	Maximum Marks: 50	
Section A		
Read the passage given below and answer the following questions. Each carries 2 marks. (Ceiling:16 Marks)		
The Impact of Sleep on Health Sleep is a fundamental biological need, essential for both physical and mental well-being. During sleep, the body and brain undergo crucial restorative processes. However, in our fast-paced society, many people struggle to get adequate sleep, leading to a range of health problems. One of the primary functions of sleep is to allow the body to repair and regenerate. During deep sleep, the body releases hormones that promote tissue growth and muscle repair. Sleep also plays a vital role in immune function, helping the body fight off infections and illnesses. Lack of sleep can weaken the immune system, making individuals more susceptible to sickness. Sleep is equally important for cognitive function. It affects memory, concentration, and decision-making abilities. Chronic sleep deprivation can lead to impaired cognitive performance and an increased risk of accidents. Furthermore, sleep plays a significant role in regulating mood. Insufficient sleep can contribute to irritability, anxiety, and depression. Establishing healthy sleep habits is crucial for maintaining overall health. This includes maintaining a consistent sleep schedule, creating a relaxing bedtime routine, and optimizing the sleep environment. Avoiding caffeine and alcohol before bed, and creating a dark and quiet sleep space are also important factors. 1. What is the primary function of sleep? 2. How does sleep affect the immune system?	BL5	CO1, CO2, CO3, CO4, CO5
		(PTO)

	3. What cognitive functions are affected by sleep? 4. What mood-related issues can insufficient sleep contribute to? 5. What is one way to establish healthy sleep habits? 6. What is one hormone that is released during deep sleep? 7. What is one thing to avoid before bed to improve sleep? 8. What is one way to optimize the sleep environment? 9. What is one effect of chronic sleep deprivation? 10. What is one way that sleep helps the body?		
Section B			
Answer the following questions. Each carries 6 marks. (Ceiling:24 Marks)			
11.	What were Smith's thoughts on the longevity of his career in contemporary music at the time of the interview?	BL2	CO1, CO2, CO3, CO5
12.	"At this point 59 had tears in his eyes" - State the reason for tears in the eyes of 59.	BL2	CO5
13.	Describe Descartes' argument for the existence of God. How does it support his other philosophical claims?	BL4	CO5
14.	Analyze the three fundamental pieces of biology as referred by Dr.Siddhartha Mukherjee.	BL4	CO2, CO4, CO5
15.	" Time dilates like a perfect afternoon" - interpret the meaning of 'dilation of time'.	BL4	CO2, CO5
Section C			
Answer any one question. Each carries 10 marks (1 x 10 = 10 Marks)			
16.	Rose Ben -Oni blends scientific concepts with poetic language to create a sense of awe. Elucidate.	BL4	CO2, CO5
17.	Explain the universality of physical laws quoting examples from the essay " On Earth as in the Heavens".	BL4	CO1, CO5
CO : Course Outcome			
BL : Bloom's Taxonomy Levels (1 – Remember, 2 – Understand, 3 – Apply, 4 – Analyse, 5 – Evaluate, 6 – Create)			