



Daily Article (Bharath's Reading list) - Answers and Explanations 06.07.2023

Article link : <https://bit.ly/46F0EJZ> (The dark universe: can a scientist battling long Covid unlock the mysteries of the cosmos?)

1. What does the author mean by “dark universe” in the second paragraph?

- A. Part of the universe that is devoid of any light.
- B. Part of the universe that is completely made up of dark forces.
- C. Part of the universe that we cannot see and understand as of now.
- D. Part of the universe that contains destructive dark elements.

Explanation : C

Consider this part from the first two paras. Focus on the bit that is bold.

“Heymans, who is the first woman appointed astronomer royal for Scotland, was planning to explain to the island’s 60 or so residents that those stars, and the rest of the perceptible universe, **represent a mere fraction of the stuff that makes up our cosmos. What she studies is everything we cannot see: the darkness.**

Over the past two decades, Heymans, who is 45, has advanced our understanding of a vast, **invisible cosmos that scientists are only beginning to comprehend.”**

This tells us that through the phrase “dark universe”, the author means the invisible and incomprehensible aspect of the universe.

2. Why did Heymans have to “type a note to remind her future self what she was working on” as mentioned in the article?

- A. She was working on multiple complex tasks simultaneously so it was difficult to keep a track of her work.
- B. She was facing memory issues.
- C. Long COVID has completely disrupted her work schedule.
- D. She was a very organized person.

Explanation: B

While Option 3 is tempting because it talks about Long COVID, it is not correct because disruption of work schedule was not the reason for Heymans taking notes. The main reason was a memory issue due to Long COVID and hence option 2 although incomplete is the best available answer.

3. Which of the following is not true about Heyman and her work?

- A. Her work had the potential to be path-breaking.
- B. Heyman can achieve a full recovery.
- C. Heyman was not able to travel to the North Ronaldsay island.
- D. Heyman had severe long COVID but she was able to continue doing some work.

Explanation: B

The last para clearly states that a full recovery is not certain. Hence the answer is Option 2.

Her research was innovative hence 1 is true. Heyman could not travel due to long COVID and hence 3 is true. Her work got severely affected but she was still able to do some of it hence 4 is also true. Remember we are looking for NOT true.