

CHAPTER-2 | Power Play

QUIZ
PART-18

1. 10^7 seconds is approximately equal to how many days?

A. 11.57 days
B. 115.7 days
C. 1,157 days
D. 10 days (B)

Explanation : 10^7 seconds is about 115.7 days.

2. The Mangalyaan mission took about how many days to reach Mars?

A. 115 days
B. 687 days
C. 298 days
D. 31.7 days (C)

Explanation: The chapter states that Mangalyaan took 298 days to reach Mars.

3. 10^8 seconds is approximately equal to:

A. 3.17 years
B. 31.7 years
C. 317 years
D. 3170 years (A)

Explanation: 10^8 seconds is nearly 3.17 years.

4. Mars takes about how many Earth-days to complete one revolution around the Sun?

A. 298 days
B. 687 days
C. 60,190 days
D. 365 days (B)

Explanation: Mars takes about 687 Earth-days for one full revolution.

5. 10^9 seconds is approximately equal to:

A. 3.17 years
B. 31.7 years
C. 317 years
D. 3,170 years (B)

Explanation : 10^9 seconds is about 31.7 years.

6. The Chola dynasty ruled for more than:

A. 90 years
B. 317 years
C. 900 years
D. 5000 years (C)

Explanation : The chapter mentions that the Chola dynasty ruled for more than 900 years.

7. Early Homo sapiens first appeared about:

A. 2–3 lakh years ago
B. 8–18 lakh years ago
C. 55 million years ago
D. 3.7 billion years ago (A)

Explanation : Early Homo sapiens appeared around 2–3 lakh years ago.

8. Dinosaurs went extinct about:

A. 6.6 crore years ago
B. 20 crore years ago
C. 47 crore years ago
D. 55 crore years ago (A)

Explanation : The chapter says dinosaurs went extinct about 6.6 crore years ago.

9. The age of the Earth is approximately:

A. 3.7 billion years
B. 4.5 billion years
C. 13.6 billion years
D. 13.8 billion years (B)

Explanation : The chapter states that Earth is about 4.5 billion years old.

10. One human body has about 10^{13} cells. How many cells are there in 10^4 humans?

A. 10^9
B. 10^{13}
C. 10^{17}
D. 10^{40} (C)

Explanation : $10^{13} \times 10^4 = 10^{17}$