

Artemis II Mission Overview

Space Exploration · Answer Key · 20 Questions

1. Approximately how long is the Artemis II mission?

- A) A 3-day journey
- B) A 7-day journey
- C) A 10-day journey**
- D) A 14-day journey

2. What is the total expected travel distance for the Artemis II crew from launch to splashdown?

- A) 300,000 miles
- B) 500,000 miles
- C) 695,081 miles**
- D) 1,000,000 miles

3. During its closest approach, how far will the Artemis II spacecraft pass from the lunar surface?

- A) 1,070 miles
- B) 2,070 miles
- C) 3,070 miles
- D) 4,070 miles**

4. What is the maximum distance Artemis II will reach from Earth?

- A) 200,000 miles
- B) 252,760 miles**
- C) 300,000 miles
- D) 400,000 miles

5. The Artemis II spacecraft will reach a maximum distance from Earth that is about how much farther than Apollo 13?

- A) 1,000 miles
- B) 2,000 miles
- C) 3,000 miles
- D) 4,105 miles**

6. Where will the Artemis II crew and Orion spacecraft splashdown?

- A) Off the coast of Florida
- B) In the Pacific Ocean near Hawaii
- C) Off the coast of San Diego**
- D) In the Atlantic Ocean near Bermuda

7. Following splashdown, how will the Artemis II crew be retrieved?

- A) By a submarine
- B) By helicopters**
- C) By a recovery ship with a crane
- D) By a space shuttle

8. What is a primary activity the Artemis II astronauts will be performing on this mission?

- A) Landing on the Moon
- B) Collecting lunar samples
- C) Testing Orion spacecraft systems in deep space**
- D) Establishing a permanent lunar base

9. Which of the following systems will the Artemis II astronauts evaluate?

- A) Life-support, propulsion, power, thermal, and navigation**
- B) Robotic arm functionality
- C) Lunar rover capabilities
- D) Atmospheric re-entry shields

10. What type of operations will the Artemis II crew practice during their mission?

- A) Deep-sea diving
- B) Asteroid mining
- C) Trajectory adjustments and communications at lunar distances**
- D) Terraforming simulations

11. During the lunar flyby, when is the Artemis II crew expected to surpass the record for the farthest humans have ever traveled from Earth?

- A) Around 1:30 p.m.
- B) Around 1:56 p.m.**
- C) Around 2:45 p.m.
- D) Around 7:02 p.m.

12. What is the approximate duration of the lunar observation period during the flyby?

- A) Two hours
- B) Four hours
- C) Seven hours**
- D) Twelve hours

13. Why might mission control temporarily lose communication with the crew during the flyby?

- A) A solar flare
- B) The spacecraft entering a communication blackout zone
- C) Orion passing behind the Moon**
- D) A technical malfunction

14. At what time is the astronauts' closest approach to the Moon expected?

- A) 1:56 p.m.
- B) 2:45 p.m.
- C) 7:02 p.m.**
- D) 9:20 p.m.

15. How will the Moon appear to the astronauts at its closest approach during the flyby?

- A) As large as a dinner plate
- B) As large as a basketball held at arm's length**
- C) As small as a coin
- D) As a faint glow

16. What is a key reason why astronauts are needed to view the Moon, even with robotic observers?

- A) Robots are too slow to observe changes
- B) Human eyes and brains are sensitive to subtle changes in color and texture**
- C) Robots cannot transmit images
- D) Astronauts can perform repairs on robotic observers

17. What is the total number of unique menu items available to the Artemis II crew?

- A) 50
- B) 100
- C) 189**
- D) 250

18. What is the primary goal of the Artemis II mission?

- A) To establish a permanent Moon base
- B) To conduct the first crewed test flight in lunar space**
- C) To mine resources on the Moon
- D) To send humans to Mars

19. Which of the following is NOT listed as a main priority for Artemis II?

- A) Crew demonstration
- B) Systems demonstration
- C) Lunar sample collection**
- D) Emergency operations demonstration

20. How are opportunities for live downlinks with the crew allocated?

- A) On a first-come, first-served basis
- B) Through a lottery system
- C) Allocated prior to their launch**
- D) During the mission based on crew availability