Artemis II Mission Overview

Space Exploration · Practice Test · 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