

## Quiz on Chandrayaan 3

1. Among the following options, which type of rock samples are the primary focus of Chandrayaan-3?
  1. Sedimentary rocks
  2. Lunar regolith
  3. Metamorphic rocks
2. How does Chandrayaan-3 communicate with Earth?
  1. Using the Chandrayaan-2 orbiter as a relay
  2. Via antennas
  3. Through a new satellite system
3. Why is the Moon's south pole the area of interest for Chandrayaan-3?
  1. It is the hottest region
  2. It is the flattest region
  3. It is rich in water ice and rarely explored
4. Chandrayaan 3 was launched from which place in India?
  1. Venadu
  2. Irakkam
  3. Sriharikota
5. When did Chandryaan 3 soft-landed on the moon?
  1. July 23, 2023
  2. August 23, 2023
  3. September 23, 2023
6. What does What does RAMBHA-LP measure on the Moon?
  1. Plasma content
  2. Magnesium
  3. Sulphur
7. What is the name of the first female robot that will be a part of India's first manned mission?
  1. Gaganmitra
  2. Vyommitra
  3. Sangamitra

8. Chandryaan 3 is India's \_\_\_\_ lunar exploration mission.
1. First
  2. Second
  3. Third
9. ISRO'S Chandryaan 3 mission follows the two-module configuration. What does it include?
1. A propulsion module and a lander module
  2. A data-driven module and a telemetry module
  3. A statistic module and an armed module
10. The propulsion module of Chandryaan 3 will carry the lander and rover to which lunar orbit?
1. 50 km lunar orbit
  2. 100 km lunar orbit
  3. 150 km lunar orbit
11. What is the main function of the Propulsion Module?
1. To carry the Lander Module from launch vehicle orbit to till Lander separation
  2. To power the Lander Module
  3. To destroy the Lander Module after soft-landing
12. What is the role of Chandra's Surface Thermo-physical Experiment (ChaSTE)?
1. To determine the elemental composition of lunar soil
  2. To measure the temperature of the lunar surface near-polar region
  3. To study the habitat of the Earth in wavelength range
13. Out of the following options, what is the name of Chandryaan 3 missions' rover and lander?
1. Pragyan and Vikram
  2. Gaganyaan and Aditya
  3. Pragyan and Aditya L1
14. The mission life of the Lander and Rover equals to:
1. 12 Earth Days
  2. 13 Earth Days
  3. 14 Earth Days

15. What is the total weight of Chandrayaan 3?

1. 3,900 kg
2. 4,000 kg
3. 5,900 kg

16. What makes Chandrayaan 3 different from Chandrayaan 2?

1. Ultrasonic Doppler Methods
2. Molecular Velocimetry
3. Laser Doppler Velocimeter (LDV)

17. Where did Chandrayaan 3 land on the moon?

1. In the equatorial region
2. Near the South Pole
3. Near the North Pole

18. Apart from India, how many countries have successfully landed a spacecraft on the moon?

1. One
2. Two
3. Three

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### Answer Key

1. 1	7. 2	13. 1	19. 1
2. 2	8. 3	14. 3	20. 3
3. 3	9. 1	15. 1	21. 3
4. 3	10. 2	16. 3	22. 2
5. 2	11. 1	17. 2	23. 1
6. 1	12. 2	18. 3	24. 3