

International Science Olympiad (ISO)	International Maths Olympiad (IMO)
English International Olympiad (EIO)	General Knowledge International Olympiad (GKIO)
International Computer Olympiad (ICO)	International Drawing Olympiad (IDO)
National Essay Olympiad (NESO)	National Social Studies Olympiad (NSSO)
National Hindi Olympiad (NHO)	National Logical Reasoning Olympiad (NLRO)
Abacus Olympiad (AO)	Astronomy Space Olympiad (ASO)

Total Questions : 35

Time : 65 min



PATTERN & MARKING SCHEME		
Section	Subjective	HOT'S (High Order Thinking Section)
No. of Questions	32	3
Marks per Ques.	1	1

SYLLABUS

Section - 1 : Our Sun and the Eight Planets, Earth: Our Wonderful Home, Day, Night, and the Seasons, The Moon and Its Phases, Celestial Bodies: Stars and Constellations, Asteroids, Comets, and Meteors, Indian Space Program, Space Technology: Rockets, Satellites & International Space Station (ISS), The Universe

Section - 2 : High Order Thinking Section - Syllabus as per Section 1

Astronomy Space

01. The planet known as the "Red Planet" because of its reddish appearance is:



a. Venus



b. Mars



c. Jupiter



d. Saturn

02. Groups of stars that form recognizable patterns in the sky, like the Big Dipper, are called:



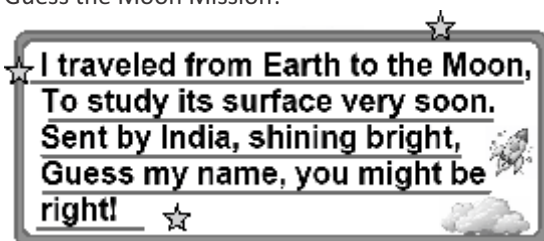
- a. Galaxies
- b. Asteroids
- c. Constellations
- d. Comets

03. Our Solar System is located inside a huge group of stars called the:



- a. Andromeda Galaxy
- b. Milky Way Galaxy
- c. Black Hole
- d. Solar Neighborhood

04. Guess the Moon Mission!



- a. Mangalyaan
- b. Chandrayaan
- c. Gaganyaan
- d. Aryabhata

05. Look at the picture of this amazing lady and guess who she is?



She was the first woman of Indian origin to travel into space. Who is she?

- a. Sunita Williams b. Kalpana Chawla c. Pratibha Patil d. Kiran Bedi

06. Fill in the missing letters:

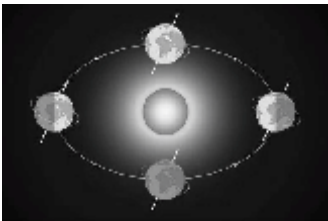
M E _ _ _ R



Clue: A “shooting star” is actually a small piece of rock burning up in Earth’s atmosphere.

- a. I, O, E b. A, U, O c. E, O, I d. T, E, O

07. How long does it take for the Earth to complete one full revolution around the Sun?



- a. 24 hours
b. 30 days
c. 365 days
d. 12 hours

08. Why can we see the Moon from Earth even though it does not produce its own light?

- a. It is made of glowing rocks.
b. It reflects the light from the Sun.
c. It is always on fire like the Sun.
d. It reflects the lights from Earth's cities.

High Order Thinking Section:

09. While watching a documentary about India’s space missions, you hear the term “ISRO.” What does it stand for?



- a. Indian Science Rocket Office
b. Indian Space Research Organisation
c. International Satellite Research Office
d. Indian Space Robotics Organisation

10. Match the term in Column I with the correct description in Column II.

Column I	Column II
A. Seasons	1. Rocky objects mostly between Mars and Jupiter
B. Asteroids	2. Earth revolves around the Sun
C. Satellites	3. Everything that exists in space
D. Universe	4. Revolve around planets

- a. A–3, B–1, C–4, D–2
b. A–1, B–2, C–3, D–4
c. A–4, B–3, C–2, D–1
d. A–2, B–1, C–4, D–3