

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 : The Sun: Our Star, The Eight Planets, Dwarf Planets and Small Space Bodies, Earth's Rotation and Revolution, The Moon and Its Phases, Stars and Constellations, Galaxies and the Milky Way, Space Missions and Technology

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

Astronomy Space

01. What is the name of our home galaxy?



- a. Andromeda
- b. Sombrero
- c. Starburst
- d. The Milky Way

02. Astronomy Quiz:

I am not a planet anymore, but I am a famous dwarf. I live in the cold Kuiper Belt far from the Sun. Who am I?



a. Mars



b. Pluto

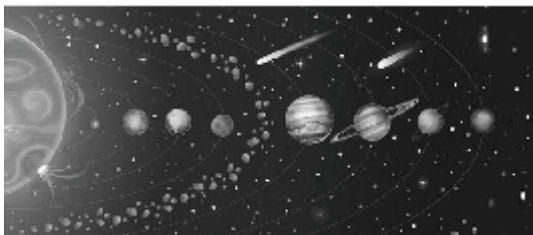


c. Venus



d. Mercury

03. Between which two planets is the main Asteroid Belt located?



- a. Earth and Mars
- b. Jupiter and Saturn
- c. Mars and Jupiter
- d. Venus and Earth

04. Which constellation is shaped like a "Hunter" with a famous belt of three stars?



- a. The Big Dipper
- b. Leo
- c. Scorpius
- d. Orion

05. Fill in the blank:



The imaginary line running through the center of the Earth from North to South is called the/a/an _____.

- a. Orbit b. Equator c. Axis d. Path





06. How long does it take the Moon to orbit the Earth?



- a. About 24 hours
b. About 27–29 days
c. Exactly one year
d. 7 days

07. A sailor is lost in the big blue sea at night. He looks up at the sky to find his way north. Which shining star will help him? Choose the correct answer and help the sailor reach home safely.



- a. Sirius  b. The Sun 
c. The Pole Star  d. Proxima Centauri 

08. An astronaut on the Moon would see the sky as black even during the day. Why does this happen?



- a. Because the Moon is very far from the Sun.
b. Because the Moon has no atmosphere to scatter sunlight.
c. Because the Sun does not shine on the Moon.
d. Because the Moon's surface absorbs all light.

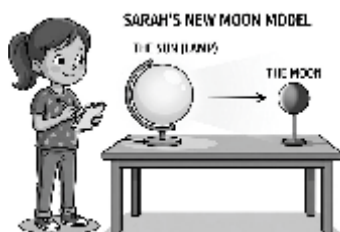
High Order Thinking Section:

09. Who were the first humans to land on the Moon during the Apollo 11 mission?



- a. Rakesh Sharma and Yuri Gagarin
b. Neil Armstrong and Buzz Aldrin
c. Sunita Williams and Kalpana Chawla
d. Vikram Sarabhai and S. Somanath

10. Sarah is drawing a model of a New Moon. She places a lamp to represent the Sun and a small ball to represent the Moon. Where should she stand to represent "Earth" so that she sees a New Moon phase?



- a. Between the Sun and the Moon.
b. Behind the Moon, so the Moon is between her and the Sun.
c. Far away to the side, so the Sun and Moon make a "corner" or L-shape.
d. Behind the Sun, so the Sun is between her and the Moon.