

**Geography Notes**

**1. The Earth and the Solar System**

1. When does stars become invisible?

While rising of sun

2. What changes in moon every day?

Shape

3. How do the shape of moon changes?

From full moon to new moon

4. How is month calculated?

Month is calculated based from new moon to full moon.

5. How do moon appear?

With heavenly bodies

6. How many planets can we see through naked eye?

5, namely mercury, venus, mars, Jupiter and Saturn

7. What are the planets that we can see through telescope?

Neptune and Uranus

8. Which two planets appear on horizons?

Mercury and Venus

9. Which is called as morning star?

Venus

10. Where do mars, Jupiter and Saturn visible?

During night in the east or overhead or in the west

11. Which is named after the five planets?

Days of week in Tamil

12. Why is seeing is not believing?

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It appears that sun and stars rises in the east and sets in the west. But the real fact is it is the earth which spins along its axis and because of this spin we find sun to raise and sets.

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13. Where does moon revolve?

Moon revolves around earth.

14. Where do planets revolve?

Around sun.

15. What does solar system consist of?

Sun, Eight planets, satellites like moon, thousands of asteroids, meteoroids and comets.

16. Name some celestial bodies?

Uranus, Neptune, Comets, Meteoroids, Asteroids, Galaxies, dwarf planets, millions of stars and other gaseous objects.

17. Why does earth has human beings?

Because of oxygen

18. How are eights planets classified as?

Solid planets and gaseous planets

19. Name some solid planets?

Mercury, Venus, Earth and Mars

20. Name some gaseous planets?

Jupiter, Saturn, Uranus and Neptune

21. How do planets move from bird's eye view?

Anti clock wise.

22. How do planets revolve around sun?

Elliptical path.

23. What is orbit?

The path that the planets take to revolve around the sun is called as orbit/

24. Which is the head of solar family?

Sun

25. Which emits light in solar system?

Sun

26. What are rings of Saturn?

The rings of Saturn are visible through telescope and they consist of stones, dust and ice particles.

27. What are called as dwarf planets?

Pluto, Charon, Ceres, Eris

28. Where are asteroids found?

Between Mars and Jupiter

29. What are asteroids?

They are clusters of celestial bodies which include tiny stones and big rocks that measure about 300 to 400 km in diameter.

30. Name the asteroid which has Indian names?

Vyasa Pappu, Sarabai, Rananujam.

31. What is moon?

It is a natural satellite which revolves around Earth.

32. Why is moon called as satellite?

It is because it does not revolve around sun instead it revolve around earth.

33. Which measures the Earth's diameter?

Moon

34. How long it takes for moon to revolve around sun?

27.3 days

35. Which satellite photographed the other side of moon?

Lunar 3 in the year 1959

36. What is special feature of moon?

Craters

37. What is new moon?

During the rotation of Earth the dark side of the moon that faces earth is called as new moon.

38. What is full moon?

The side of the moon which shines brightly is called as full moon.

39. What is meteoroids?

The sudden streaks of light that is seen on starry night is called as meteoroids.

40. What is comet?

It is not a star. It is a rock made of dust and ice. It has long tail.

41. What is galaxy?

Millions of the constellations of star in the sky is called as galaxy.

42. What is universe?

When thousands of galaxy joins together it is universe.

43. What is milky way galaxy?

A white streak of light which is seen on a clear night.

44. How do Indians call the milky way galaxy as?

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Akash Ganga

45. Which is the third planet from sun?

Earth

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