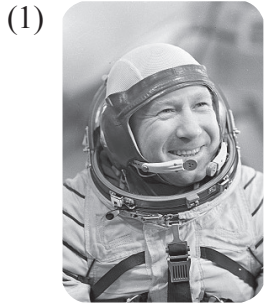


SPACE SCIENCE

1. Considering facts about Moon, natural satellite- Moon orbits the
 - (1) Space belts
 - (2) Mars
 - (3) Sun
 - (4) Earth
2. We can see Full moon once a month and that night is called as _____.
 - (1) Poornima
 - (2) Half Amavasay
 - (3) Amavasay
 - (4) Half Poornima
3. The Sun, the Moon and all those objects shining in the night sky are called _____.
 - (1) Celestial Bodies
 - (2) Shining Earth
 - (3) Astrological Satellites
 - (4) Shining Satellites
4. _____ was the first man to step on the surface of the Moon?
 - (1) Rakesh Sharma
 - (2) Buzz Aldrin
 - (3) Sunita Williams
 - (4) Neil Armstrong
5. Lack of atmosphere on Moon results as
 - (1) hearing of sound
 - (2) no hearing of sound
 - (3) less weight
 - (4) none of these
6. During a lunar eclipse Moon colour becomes:
 - (1) orange
 - (2) black
 - (3) red
 - (4) purple
7. During annular eclipse Earth and Moon are
 - (1) closer
 - (2) farther apart
 - (3) opposite
 - (4) alike
8. Mystery of lunar origin was resolved when samples were brought by mission:
 - (1) Apollo
 - (2) NASA
 - (3) Viking
 - (4) Impossible
9. The gravity on the Moon's surface is _____ as compared to Earth.
 - (1) More
 - (2) Less
 - (3) Sometimes less or sometimes more
 - (4) None of these
10. Moon has smaller surface area than Earth.
 - (1) True
 - (2) False
 - (3) Can't Say
 - (4) None of these

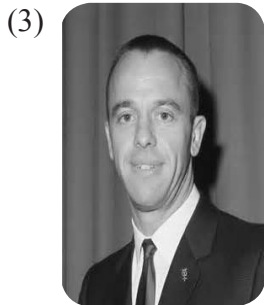
11. Who was the first man to “Walk” in space?



Alexei Leonov



Major White



Alan Shepard

(4) None of these

12. What is the name of dog that went into space first?

- (1) Rossi
- (2) Laika
- (3) Tommi
- (4) Pinky

13. Which of the following order is given to the planets of solar system on the basis of their sizes?

- (1) Jupiter, Saturn, Earth, Mercury
- (2) Saturn, Jupiter, Mercury, Earth
- (3) Mercury, Earth, Jupiter, Saturn
- (4) Earth, Mercury, Saturn, Jupiter

14. Indian Space Research Organisation’s rocket launching pad is located at

- (1) Vishakapatnam
- (2) Chennai
- (3) Sriharikota
- (4) Sularpet

15. Which of these best describes the atmosphere surrounding Venus?

- (1) Cold and Snowy
- (2) Cold and Wet
- (3) Bright and Sunny
- (4) Hot and Poisonous

16. Source of light and heat on earth is



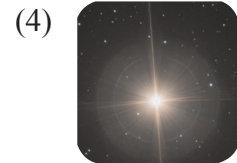
Sun



Moon



Satellite

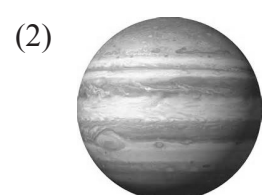


Star

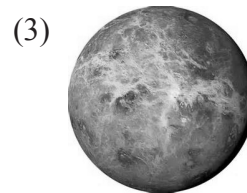
17. Which is the only planet that rotates clockwise?



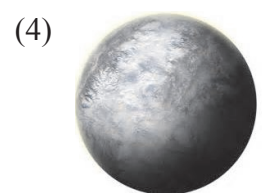
Mars



Jupiter



Venus



Pluto


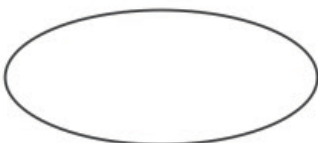


18. Which of the following acts as a layer that protects the Earth from harmful rays of the Sun?

- (1) Clouds
- (2) Gravity force
- (3) Vacuum
- (4) Atmosphere

19. From the Earth, the Moon looks bigger than the Sun. Which of the following is the reason?

- (1) The Sun is very small
- (2) The Sun is nearer to the Earth
- (3) The Moon is nearer to the Earth
- (4) The sunlight is brighter than the moonlight

20. The orbits of the planets are

- (1) 
- (2) 
- (3) 
- (4) 





21. How many moons Saturn has?

- (1) At least 30
- (2) At least 40
- (3) At least 50
- (4) At least 60

22. Which two early astronomers were supporters of the geocentric, or Earth-centered model of the solar system?

- (1) Aristotle and Galileo
- (2) Galileo and Copernicus
- (3) Aristotle and Ptolemy
- (4) Copernicus and Ptolemy


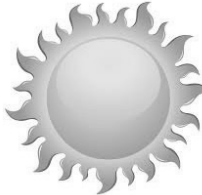

23. When the moon is between the Sun and the Earth, it is completely in the shadows. What is this lunar phase called?

- (1)  (2) 
New Moon Full Moon
- (3)  (4) 
Waxing Gibbous Waning Crescent

24. When we are seeing more and more of the moon, it is

- (1) Waxing (2) Waning
- (3) Full moon (4) New Moon

25. Which celestial body has the most gravitational pull?

- (1) 
Earth
- (2) 
Sun
- (3) 
Moon
- (4) All of these

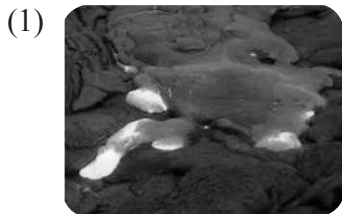
INTERACTIVE SECTION

26. What do we call molten rock when it is outside the earth?



- (1) Volcano
- (2) Magma
- (3) Lava
- (4) Crust

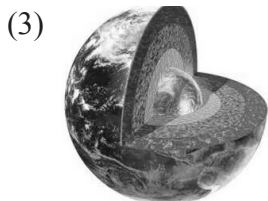
27. What do we call molten rock when it is inside the earth?



Magma



Lava

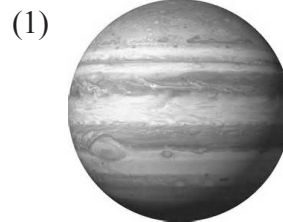


Crust

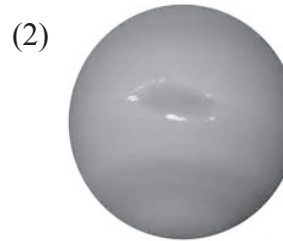


Volcano

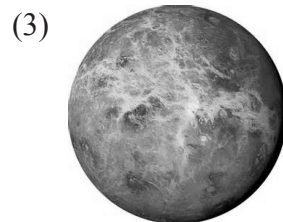
28. Which of the following is not a gas planet?



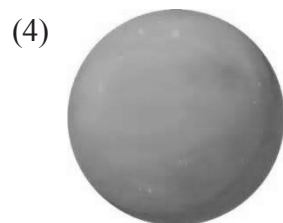
Jupiter



Uranus

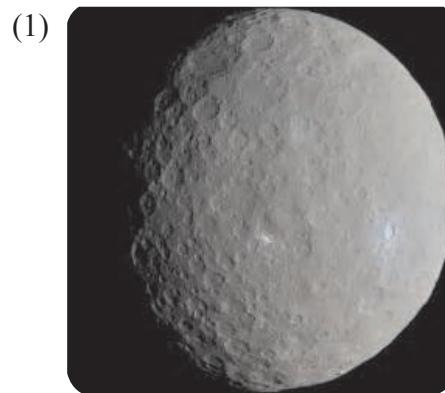


Venus

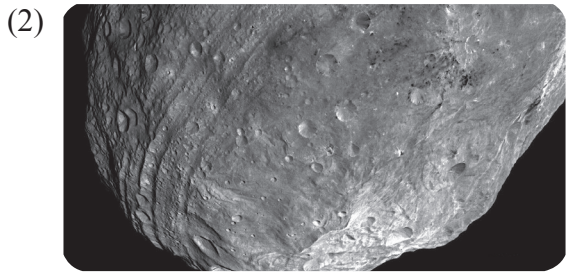


Neptune

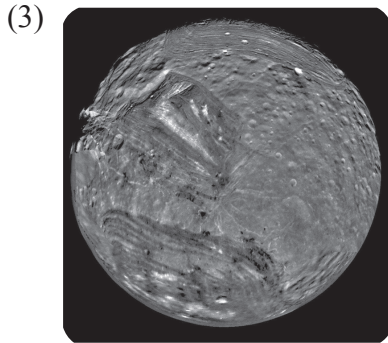
29. What is the largest object in the asteroid belt?



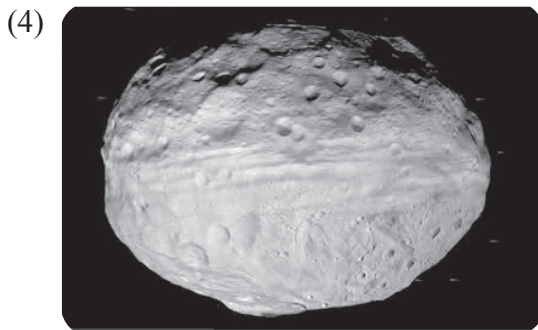
Ceres



Vesta



Pallas

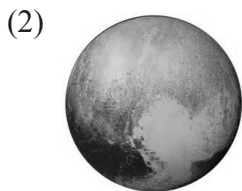


Hygiea

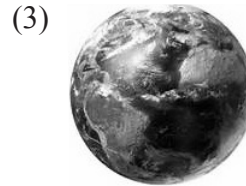
30. Which was once a planet, but is now renamed a dwarf planet?



Sun



Pluto



Earth



Moon

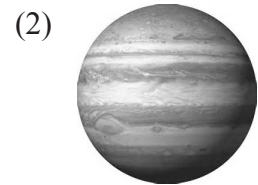
31. What two forces keep Earth in orbit with the sun?

- (1) Gravity and Magnetic
- (2) Magnetic and Inertia
- (3) Inertia and Gravity
- (4) Heat and Pressure

32. Which of the following has a larger gravitational pull?



Moon



Jupiter

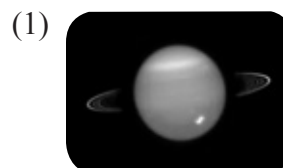


Earth

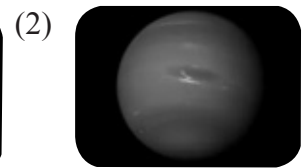


Mars

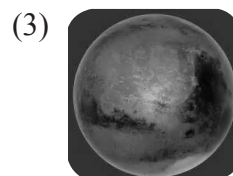
33. Which planet rotates on its side?



Uranus



Neptune



Mars



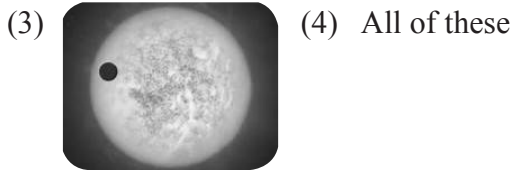
Earth

34. Which group of stars is hotter?



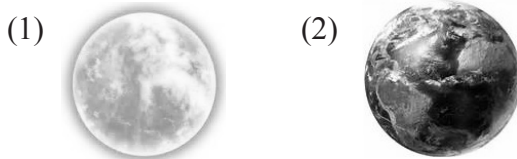
Red Giants

Blue Stars



Yellow Star

35. The tide is the rise and fall of the water in the ocean caused by the gravity forces from the



Sun

Earth



Moon

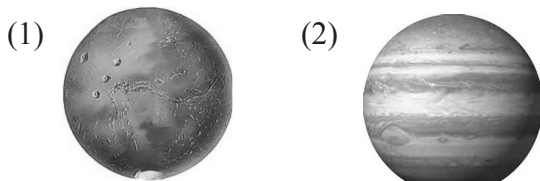
36. Solar means _____.

- (1) Moon (2) Sun
(3) Sky (4) Universe

37. Which of the following planets have no moons?

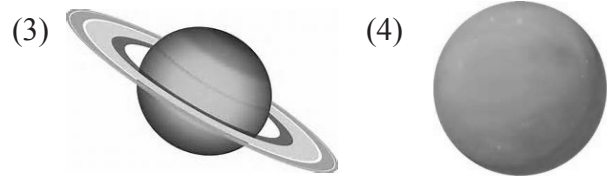
- (1) Pluto and Mercury
(2) Mars and Venus
(3) Mercury and Venus
(4) Pluto and Mars

38. Name the planet with the longest year.



Mars

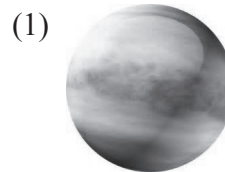
Jupiter



Saturn

Neptune

39. Which planets in our solar system have volcanoes on their surfaces?



Venus



Earth



Mars

(4) All of these

40. How long is Mercury's day?

- (1) 186 Earth days
(2) 176 Earth days
(3) 166 Earth days
(4) 156 Earth days



END OF THE EXAM