

## SUMMER VACATION HOME ASSIGNMENT/ WORKSHEETS -I

### UNIVERSE AROUND US

#### **Class VIII**

1. How are galaxies classified?
2. Name the galaxy to which our solar system belongs. Mention its shape.
3. Where are most asteroids found in our solar system?
4. All the planets move around the sun in a \_\_\_\_\_ path.
5. Name the natural satellite of the Earth
6. Name the constellation which looks like distorted letter W or M.
7. Name the source of almost all energy on the earth?
8. Name the planet which appears reddish in colour.
9. What does the nucleus of a comet consist of?
10. Name the process by which sun produces energy?
11. Name the four main layers of the sun?
12. Name the third brightest object in the sky after the sun and the moon.
13. What we call a group of stars that form a recognizable pattern in the sky?
14. Write another name of constellation Great Bear?
15. Which planet is called morning and evening star.
16. Name the smallest planet
17. The various shapes of the bright part of the moon as seen during a month are called \_\_\_\_\_.
18. First artificial satellite launched by India is \_\_\_\_\_.
19. Name the star which is nearest to the earth.
20. When water reaches its highest level in large water bodies, it is called \_\_\_\_\_.
21. During what phase of the moon can a lunar eclipse occur.

22. The darkest part of the moon's shadow is called \_\_\_\_\_.

23. A \_\_\_\_\_ eclipse occurs when a new moon blocks your view of the sun.

24. For a solar eclipse to occur, the alignment must be

a. Sun, Moon, Earth OR

b. Sun, Earth, Moon

25. Which has the greatest effect on Ocean Tide

a. Moon      or      b. sun