

108 DAYS ONLINE COACHING DAY(63) - 21/11/2019 THURSDAY

The Solar System



Name of the candidate *

M3

Place of the candidate *

Thiruvananthapuram

WHATS APP NUMBER (JOINED IN SAI EDUCATION ONLINE) *

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Please watch the following videos and answer the following questions

<https://youtu.be/OjNIJQsqhDc>
https://youtu.be/Wi_aWM_y5XI
<https://youtu.be/yFQRpbzsr1o>
<https://youtu.be/2CK0GCX6qy4>
<https://youtu.be/24jJna9dqVM>
<https://youtu.be/IRbWILQ52T0>

1. Which planet in the Solar System has highest density? *

1 point

- A. Earth
- B. Uranus
- C. Neptune
- D. Jupiter

2. The sun is ____ million km away from the earth. *

1 point

- 100
- 150
- 200
- 250

3. The following planet is considered as 'Earth's-twin' *

1 point

- Mars
- Mercury
- Venus
- Saturn

4. The following planet is nearest to the Sun. *

1 point

- Mars
- Mercury
- Venus
- Saturn

5. The following is called 'dwarf planet' *

1 point

- Saturn
- Jupiter
- Mars
- Pluto

6. The moon takes _____ days to complete one spin. *

1 point

- 25
- 26
- 27
- 28

7. The following planet has maximum number of moons. *

1 point

- Jupiter
- Saturn
- Uranus
- Neptune

8. Select the correct chronology of the planet according to their size? I. Mercury II. Mars III. Venus IV. Earth *

1 point

- IV, III, II, I
- B. I, III, II, IV
- C. I, II, III, IV
- D. IV, I, III, II

9. What is the time taken by the light of the Sun to reach on the Earth? *

1 point

- 8 Minute
- B. 9 Minute
- C. 7 minute 20 Second
- D. 8 Minute 18 Second

10. Which planet in the Solar System is nicknamed as "The Ringed Planet"? *

1 point

- a) Mercury
- b) Neptune
- c) Uranus
- d) Saturn

11. These are frozen gases and dust with a bright burning tail. *

1 point

- Meteors
- Asteroids
- Comets
- Sun bursts

12. Small to large pieces of rocks moving through space that enter the Earth's atmosphere and burn up are called ... *

1 point

- asteroids
- comets
- meteors
- cosmic dust

13. The study of the solar system is called ... *

1 point

- cosmology
- astrology
- planetology
- astronomy

14. Which planet has a red spot on it? *

1 point

- Jupiter
- Neptune
- Mars
- Mercury

15. These two planets are very similar in mass and size. *

1 point

- Saturn and Uranus
- Venus and Mars
- Earth and Mars
- Earth and Venus

16. Starting at the sun and moving outward, what is the correct order of the planets in our Solar System? 1 point

*

- Sun = Earth, Venus, Mars, Mercury, Neptune, Uranus, Jupiter, Pluto, Saturn
- Sun = Neptune, Uranus, Jupiter, Pluto, Saturn, Venus, Mars, Mercury, Earth
- Sun = Mars, Venus, Earth, Mercury, Saturn, Jupiter, Neptune, Uranus, Pluto
- Sun = Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto

17. Our solar system is located in which galaxy? *

1 point

- Orion's Belt
- Andromeda
- Milky Way
- Whirlpool

18. The planets travel around the sun in this kind of orbit. *

1 point

- Elliptical
- Circular
- Elongated
- Counterclockwise

19. Out of 3% of fresh water present on Earth, percentage of fresh water found in lakes and rivers is * 1 point

- 2.20%
- 1%
- 1.80%
- 2%

20. Percentage of salt water present on surface of earth is * 1 point

- 75%
- 80%
- 90%
- 97%

21. What is the rotational period of Earth? * 1 point

- A: 1 year
- B: 48 hours
- C: 24 hours
- D: 12 hours

22. Which planet is Olympus Mons, the highest volcano in the Solar System, on? *

1 point

- A: Jupiter
- B: Mars
- C: Venus
- D: Mercury

23. Which moon is a moon of Mars? *

1 point

- A: Phobos
- B: Io
- C: Ganymede
- D: Charon

24. An imaginary line going through center of earth from north pole to south pole about which earth rotates is called *

1 point

- rotation
- revolution
- tilt
- axis

25. Distance of sun from earth is nearly

1 point

- 150 million km
- 120 million km
- 100 million km
- 50 million km

Thankyou!!!

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