

108 DAYS ONLINE COACHING TEST FOR MISSION 2020-(DAY 74)-[15-05-2020~FRIDAY]

SOLAR SYSTEM & MOTION OF EARTH



NAME OF THE CANDIDATE *

M4

PLACE OF THE CANDIDATE *

PATHANAMTHITTA

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PLEASE WATCH THE ONLINE CLASSES CAREFULLY AND NOTE DOWN IT IN YOUR DIARY
BEFORE SENDING THE ANSWERS

<https://youtu.be/OjNlJQsqhDc>
https://youtu.be/Wi_aWM_y5XI
<https://youtu.be/yFQRpbzsr1o>
<https://youtu.be/2CK0GCX6qv4>
<https://youtu.be/24jJna9dqVM>
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1. Variations in the length of daytime and nighttime from season to season are due to * 1 point

- the earth's rotation on its axis
- the earth's revolution around the sun in an elliptical manner
- latitudinal position of the place
- revolution of the earth on a tilted axis

2. Escape velocity of Earth is * 1 point

- 11.2 km/sec
- 29.8 km/sec
- 11.2 m/sec
- 29.8 m/sec

3. According to Roman mythology which planet is known as "God of the Sea"? * 1 point

- Mercury
- Venus
- Uranus
- Neptune

4. The time taken by sunlight to reach the Earth is *

1 point

- 8 minutes
- 8 minutes 20 seconds
- 18 minutes
- 800 seconds

5. Second largest planet in solar sytem? *

1 point

- Jupiter
- Saturn
- Neptune
- Uranus

6. Eris, the most distant dwarf planet from the sun was discovered by *

1 point

- Clyde Tombaugh
- Focault
- M E Brown
- William Hershel

7. Which of the following planets may be suitable for existence of life? *

1 point

- Mars
- Mercury
- Venus
- Jupiter

8. Axis of Earth is tilted at *

1 point

- 63 1/2 degree
- 23 1/2 degree
- 45 degree
- 32 1/2 degree

9. One Jupiter year is equal to how many Earth years? *

1 point

- 16
- 24
- 8
- 12

10. The biggest satellite of Saturn is known as *

1 point

- Titan
- Ganymede
- Europa
- Callisto

11. The surface temperature of sun is about *

1 point

- 1360000 degree celcius
- 6300 degree celcius
- 5500 degree celcius
- 8350 degree celcius

12. The highest volcanic mountain in Mars is *

1 point

- Hellas Planitia
- Valles Marineris
- Olympus Mons
- Tharsis

13. International astronomical year was observed on *

1 point

- 2008
- 2009
- 2006
- 2011

14. Due to the presence of iron oxides which planet is known as Rusty planet? *

1 point

- Mercury
- Jupiter
- Venus
- Mars

15. The planet with most number of satellites(moons) *

1 point

- Saturn
- Jupiter
- Uranus
- Neptune

16. The coldest and slowest revolving planet is *

1 point

- Uranus
- Neptune
- Saturn
- Jupiter

17. How many dwarf planets in our solar system were recognised by International Astronomical Union? *

1 point

- 5
- 6
- 4
- 8

18. Pluto was discovered by *

1 point

- Lick observatory
- Palomar observatory
- Lowell observatory
- La Silla observatory

19. Namaka is the moon of *

1 point

- Haumea
- Ceres
- Makemake
- Eris

20. The Halley's Comet was last seen in *

1 point

- 1946
- 1986
- 1976
- 1926

21. Earth rotates from *

1 point

- North- South
- East- West
- West- East
- South-North

22. Which planet has longest day and night? *

1 point

- Mercury
- Venus
- Neptune
- Mars

23. Solar eclipse occurs when the *

1 point

- Earth comes between Sun and Moon
- Sun comes between Earth and Moon
- Moon comes between Sun and Earth
- None of these

24. Densest planet is *

1 point

- Earth
- Neptune
- Jupiter
- Mercury

25. Planet which has no atmosphere and no satellite? *

1 point

- Uranus
- Venus
- Mercury
- Mars

THANK YOU!!!

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