

# 108 DAYS ONLINE COACHING DAY(38) -10/09/2020 THURSDAY

GK- The Solar System(4-6)  
Motion of earth



Name of the candidate \*

M3

Place of the candidate \*

Thiruvananthapuram

WHATS APP NUMBER (JOINED IN SAI EDUCATION ONLINE COACHING PLATFORM) \*

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Please watch the following videos and answer the following questions

<https://youtu.be/IRbWILQ52T0>

<https://youtu.be/24jJna9dqVM>

<https://youtu.be/2CK0GCX6qv4>

[https://youtu.be/Xe\\_4ea3nlGY](https://youtu.be/Xe_4ea3nlGY)

1.Movement of the earth on its axis is called as \_\_\_\_\_.\*

1 point

- [A] Rotation
- [B] Resolution
- [C] Revolution
- [D] Cycle

2.The movement of the earth around the sun in a fixed path or orbit is called \_\_\_\_\_.\*

1 point

- [A] Circular Cycle
- [B] Revolution
- [C] Resolution
- [D] Rotation

3.The plane formed by the axis of earth and orbit is known as the \_\_\_\_\_.\*

1 point

- [A] Orbital plane
- [B] Spherical Plane
- [C] None of these
- [D] Symmetric Plane

4.The rotation of the Earth gives the \*

1 point

- winter season
- autumn season
- day and night
- summer season

5.The rotation in which Earth rotates is from \*

1 point

- west to east
- east to west
- north to south
- south to north

6.The imaginary line which runs through the center of Earth is called \*

1 point

- east pole
- south pole
- axis
- north pole

7. Which of the following planet situated in the Kuiper belt, a ring of bodies beyond Neptune and has fifth largest number of natural satellite? \*

1 point

- A. Neptune
- B. Uranus
- C. Pluto
- D. Mars

8.Which of the following dwarf planet discovered by a team led by Michael E. Brown? \*

1 point

- A. Eris
- B. Pluto
- C. Haumea
- D. Makemake

9.Which of the following planet caused Pluto to lose its status as a planet? \*

1 point

- A. Eris
- B. Neptune
- C. Makemake
- D. Uranus

10.What are comets made of? \*

1 point

- A)Fire
- B) Bust and ice
- C) Colorful smoke
- D) Ribbons

11.The following is called 'dwarf planet' \*

1 point

- Saturn
- Jupiter
- Mars
- Pluto

12.A comet's tail points in which direction? \*

1 point

- w) toward the sun
- x) toward the earth
- y) behind the comet in its orbit
- z) away from the sun

13.The comet known as Halley's Comet has an average period of: \*

1 point

- w) 56 years
- x) 66 years
- y) 76 years
- z) 86 years

14.Which of the following part of the Sun is visible by human? \*

1 point

- A. Photosphere
- B. Corona
- C. Chromospheres
- D. Core

15.Which of the following part of the Sun is visible at the time of eclipse? \*

1 point

- A. Photosphere
- B. Corona
- C. Chromosphere
- D. Core

16.What is true about nuclear fusion? \*

1 point

- a. it occurs inside stars and inside planets
- b. it occurs inside the sun but not in other stars
- c. it occurs in planets but not in stars.
- d. it occurs in the sun and stars but not in planets
- e. involves the splitting of atomic nuclei into smaller nuclei

17.What is true of sunspots? \*

1 point

- a. they are hotter than the surrounding solar surface
- b. they are the same as spicules in the chromosphere
- c. they are regions of strong magnetic fields
- d. they represent shock waves in the solar corona
- e. a and c

18.The light from sun reaches the earth in: \*

1 point

- A)10 minutes
- B) 1 hour
- C) 8 and a half minutes
- D) 7 minutes

19.\_\_\_\_\_is the brightest planet of solar system. \*

1 point

- A) Mars
- B) Venus
- C) Earth
- D) Uranus

20.Which planet has a red spot on it? \*

1 point

- Jupiter
- Neptune
- Mars
- Mercury



21.The time taken by moonlight to reach the earth is ----- \*

1 point

- 1.3sec
- 1 sec
- 2sec
- 2.3sec

22.Foucault experiment is proof of which one of the following \*

1 point

- Revolution of earth
- Rotation of earth
- Rotation of moon
- Revolution of moon

23.Ganymede, the biggest moon in our solar system, belongs to which planet? \*

1 point

- Saturn
- Uranus
- Neptune
- Jupiter

24.The study of moon is called: \*

1 point

- A. Lunarlogy
- B. Selenology
- C. Moonology
- D. None of Above

25. What type of Reaction takes place in sun? \*

1 point

- a) Nuclear fusion
- b) Nuclear fission
- c) Spontaneous fission
- d) Double beta decay

**Thankyou!!!**

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