NORTHWEST TERRITORIES EARTH SCIENCES 11 · UNIT A · 10 QUESTIONS

Astronomy and the Solar System — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **Uranus is unusual because it rotates on its side, with its axis tilted by about**

A 98 degrees

B 5 degrees

C 23 degrees

D 0 degrees

Understand It with Pulse | Flag a mistake

2 **Neptune is known for very strong**

A winds

B tides

C volcanoes

D earthquakes

Understand It with Pulse | Flag a mistake

3 **The Kuiper belt is a region of icy bodies beyond the orbit of**

A Jupiter

B Neptune

C Mars

D Saturn

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4 **A meteoroid that survives passage through the atmosphere and lands on Earth is called a**

- A meteorite
- B asteroid
- C planet
- D comet

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5 **Galileo moons of Jupiter include Europa, which is of interest because it may hide a liquid water**

- A solid gold core
- B ocean under ice
- C thick oxygen atmosphere
- D ring of fire

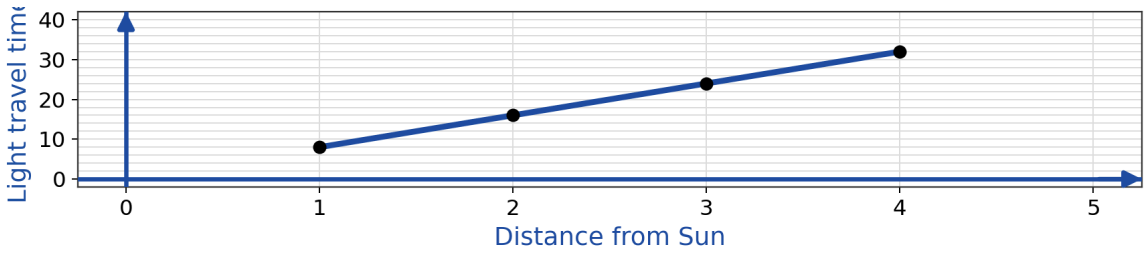
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6 **Titan, a moon of Saturn, is notable for its thick atmosphere and lakes of liquid**

- **A** ammonia ice
- **B** methane
- **C** lava
- **D** water

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7 **The graph shows light travel time against distance from the Sun. The light travel time at distance 3, in graph units, is ____**



ANSWER _____

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8 **Compared with the inner planets, the outer planets generally have**

A longer orbital periods

B smaller diameters

C rocky surfaces

D shorter orbital periods

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9 **Evidence that the solar system formed from one rotating cloud includes the fact that planets mostly orbit**

A around different stars

B in random directions

C in the same direction

D in straight lines

Understand It with Pulse | Flag a mistake

10 **Astronomers study distant objects mainly by analysing the light and other radiation those objects**

A send as radio only

B store as sound

C emit or reflect

D absorb from Earth

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. A
2. A
3. B
4. A
5. B
6. B
7. 24
8. A
9. C
10. C

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