Planetary Science — Practice Test

Ontario Earth and Space Science, Grade 12, University Preparation (SES4U) • 10 questions

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 rotates on its side because its axis is tilted about**

- A 10 degrees
- B 98 degrees
- C 23 degrees
- D 45 degrees

Understand It with Pulse | Flag a mistake

2 **Neptune winds are the fastest in the solar system, reaching speeds over**

A 100 kilometres per hour

B 2000 kilometres per hour

C 10 kilometres per hour

D 500 kilometres per hour

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3 **A meteoroid that reaches Earth surface is called a**

A Asteroid

B Comet

C Meteorite

D Meteor

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4 **A meteor is the streak of light produced when a meteoroid burns in the**

- A Vacuum
- B Atmosphere
- C Crust
- D Ocean

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5 **Impact craters on the Moon are preserved because the Moon has almost no atmosphere or**

- A Water
- B Volcanoes
- C Erosion
- D Gravity

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6 **The habitable zone around a star is the region where liquid water could exist on a planets**

- A Atmosphere only
- B Core
- C Surface
- D Moon

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7 **Earth is the only known planet with liquid water oceans and life, partly because it lies in the Sun**

- A Oort cloud
- B Kuiper belt
- C Outer zone
- D Habitable zone

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8 **Solar wind is a stream of charged particles from the Sun that can cause**

A Auroras

B Earthquakes

C Tides

D Volcanoes

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9 **Auroras occur near the poles because charged particles are guided by Earth**

A Rotation

B Atmosphere

C Tides

D Magnetic field

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10 **The Sun energy comes from nuclear fusion in its**

A Core

B Chromosphere

C Corona

D Photosphere

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ANSWER KEY

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

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