S3: Quick Revision Quiz

1. Place the following in order of size from the smallest to the largest

Solar system, universe, planet, asteroid, moon, galaxy, star

1. State the planets in the correct order
2. Define the following:

Moon, planet, sun, galaxy, meteor

1. Give 3 pieces of evidence to prove humans have been to the moon.
2. State what would happen during one day on Venus?
3. State what would happen in one year on Mars
4. Why do we have a leap year every 4 years?
5. Name one space probe and what it discovered
6. State the difference between a sun and a star.
7. Describe the phases of the moon
8. Explain why the Earth has seasons
9. Explain the terms *mass, weight, gravitational pull, weightlessness, free-fall*
10. *State 3 uses of satellites*
11. *Explain the term geostationary satellite.*
12. *State what happens to the period of a satellite as the orbital height increases.*
13. *The gravitational field strength of Jupiter is 26 Nkg-1, what would be the weight of a 10 kg dog on Jupiter (if it could survive!)*
14. *State some uses of satellites*

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