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**The Universe – Mysteries of the Moon**

Watch the episode titled “Mysteries of the Moon” from the series “The Universe” and completely answer the questions below.

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| **#** | **Question** | **Answer** |
| **2** | How long have we been observing the Moon close up? |  |
| **3** | How long do the Lunar Transient Phenomena last? |  |
| **4** | What is one explanation for LTP’s that has been affirmed? |  |
| **6** | What is the word that comes from the Moon’s name that describes madness? |  |
| **7** | Does the Moon have a tidal effect on the human body? |  |
| **8** | Name at least 2 things people/cultures think they see on the Moon. |  |
| **11** | What is the major effect the Moon has on Earth? |  |
| **12** | Where in Canada do tides experience a huge difference between low and high tides? |  |
| **13** | When the Moon pulls on the Earth it creates another wave on the other side of Earth. What is this called? |  |
| **14** | What effect would Earth see if there were no moon? |  |
| **15** | Does Earth have an effect on the Moon? |  |
| **16** | How long did it take the Moon to orbit the Earth when it was first formed? |  |
| **17** | If the moon had never existed, how long would our day be? |  |
| **18** | Why do we always see the same side of the Moon? |  |
| **19** | Is the far side of the Moon always dark? |  |
| **20** | What is the rate at which the Moon is moving away from the Earth? |  |
| **21** | About how far into the future will it be when the Moon is beyond Earth’s gravity and leaves us?  |  |
| **22** | Why does the Moon turn red during a lunar eclipse? |  |
| **23** | Why do we see the Moon during the daylight? |  |
| **24** | Will we ever learn everything about the Moon? |  |
| **25** | If you had the chance to be on a mission to the Moon, would you go? |  |