

Topic 8 - People In Space

1. A spacecraft launch and flight mission can be affected by floating debris, meteoroids and coronal bursts referred to as...
 - A. sunspots
 - B. solar flares
 - C. solar winds
 - D. sunshine
2. Pieces of debris remaining in space, refers to...
 - A. Space junk
 - B. Space garbage
 - C. Space litter
 - D. Space waste
3. To get into orbit and stay there gravity must be overcome, with a speed of 8km/s. This is called...
 - A. exit velocity
 - B. launch acceleration
 - C. gravitational lift
 - D. escape velocity
4. The first person to orbit the Earth was a ...
 - A. Canadian
 - B. American
 - C. Russian
 - D. European
5. In the summer of 1969 *Neil Armstrong* and *Edwin Aldrin* were the 1st humans to set foot on another place in space, when they landed on the Moon. Their first words spoken were ...
 - A. *'Houston, we are alive and well, we made it'*
 - B. *'One small step for man, one giant leap for mankind'*
 - C. *'The surface is rocky, but the sight is incredible'*
 - D. *'A new world, a new hope and a dream fulfilled'*
6. There are different types of spacecraft currently in use. The main function of a space probe is to ...
 - A. explore space
 - B. coordinate missions
 - C. carry supplies
 - D. perform experiments
7. Outside Earth's atmosphere, life-support systems have to be artificially produced. To make a docking module compatible for Soviet and American ships in space the life support system must act as a ...
 - A. safety net
 - B. hyperbaric chamber
 - C. clean environment
 - D. life raft
8. In 1839 Sir Edward Sabine (a Canadian) established the 1st magnetic observatory and discovered that the Aurora Borealis is associated with ...
 - A. sunspot activity
 - B. electromagnetism
 - C. atmospheric interference
 - D. ozone depletion
9. Living in the microgravity of space can cause problems because of the effects of weightlessness on the human body. Bones have less pressure on them and so they
 - A. shrink, lose calcium and become softer
 - B. become very flexible and break easily
 - C. expand, lose calcium and become more brittle
 - D. expand and explode if they are in space too long
10. Ion Drives are engines that use this gas instead of chemical fuel.
 - A. neon
 - B. helium
 - C. argon
 - D. xenon