

## Chapter 8:

### Sunita Williams- A Woman in the space

#### **Fill in the blanks**

1. Sunita Williams was born on \_\_\_\_\_ in Ohio, USA.
2. Before becoming an astronaut, Sunita wanted to be a \_\_\_\_\_ because she loved animals.
3. Sunita joined the \_\_\_\_\_ and became an excellent officer and pilot.
4. She was selected by \_\_\_\_\_ in June 1998 for astronaut training.
5. As part of her training, Sunita lived underwater for \_\_\_\_\_ days.
6. Sunita was launched into space aboard the \_\_\_\_\_ shuttle on December 9, 2006.
7. She carried an idol of \_\_\_\_\_, samosas, and the Bhagavad Gita to space.
8. Sunita is the \_\_\_\_\_ Indian-origin woman to go to space after Kalpana Chawla.
9. She believes that if you \_\_\_\_\_ what you do, you will succeed.
10. If not a veterinarian, Sunita would have become a \_\_\_\_\_.

#### **Multiple choice Questions**

1. What initially inspired Sunita Williams' career path before she became an astronaut?
  - a) Her fascination with airplanes from childhood
  - b) Her love for animals and dream of becoming a veterinarian
  - c) Her father's career as a doctor
  - d) A school trip to NASA

2. Why did Sunita initially misunderstand the Navy's movie about "SEALs"?
- a) She thought it was about aquatic animals
  - b) She confused it with a documentary about space
  - c) She believed it was about medical surgeries
  - d) She expected it to cover aircraft carriers
3. What key trait helped Sunita get selected by NASA in 1998?
- a) Her degree in astrophysics
  - b) Her prior experience as a science teacher
  - c) Her family connections at NASA
  - d) Her expertise in Navy helicopters and jets
4. Which international space agencies did Sunita collaborate with during her training?
- a) ISRO and JAXA
  - b) ESA and CNSA
  - c) Russian Space Agency and Canadian Space Agency
  - d) SpaceX and Blue Origin
5. What cultural items did Sunita carry to the International Space Station?
- a) A cricket bat and Hindi film DVDs
  - b) Samosas, Bhagavad Gita, and an idol of Lord Ganesha
  - c) Diwali lamps and a sari
  - d) A tabla and yoga mat
6. How did Sunita respond to being told she wasn't "fit enough" to be an astronaut?

- a) She quit NASA and joined the Navy again
  - b) She filed a complaint against the officer
  - c) She proved her critic wrong through hard work
  - d) She switched to a medical career
7. What alternative career did Sunita consider if she hadn't become an astronaut?
- a) Marine biologist
  - b) Veterinarian or science teacher
  - c) Naval architect
  - d) Aerospace engineer
8. What did Sunita describe as "spectacular" when viewed from space?
- a) The Great Wall of China
  - b) The Himalayas and the colors of India
  - c) Northern Lights
  - d) The Pacific Ocean
9. Which shuttle carried Sunita to the International Space Station in 2006?
- a) Endeavour
  - b) Atlantis
  - c) Discovery
  - d) Challenger
10. What lesson does Sunita's story primarily teach?
- a) Passion and perseverance can overcome obstacles
  - b) Space travel is only for the wealthy

- c) Military service guarantees NASA selection
- d) Cultural traditions hinder scientific careers

## Space Quiz

1. Which planet is known as the "Red Planet"?
  - a) Venus
  - b) Mars
  - c) Jupiter
  - d) Saturn
2. What is the hottest planet in our solar system?
  - a) Venus
  - b) Mercury
  - c) Earth
  - d) Neptune
3. What force keeps planets orbiting the Sun?
  - a) Magnetism
  - b) Wind
  - c) Electricity
  - d) Gravity
4. Which of these is NOT a real moon?
  - a) Europa
  - b) Titan
  - c) Pandora
  - d) Ganymede
5. How long does it take Earth to orbit the Sun?

- a) 1 day
  - b) 1 month
  - c) 1 year
  - d) 1 decade
6. What is a shooting star actually made of?
- a) A burning piece of rock or metal
  - b) A tiny star falling to Earth
  - c) A comet's tail
  - d) Space dust
7. Which gas do plants breathe in to make oxygen?
- a) Nitrogen
  - b) Carbon dioxide
  - c) Helium
  - d) Hydrogen
8. What is the largest planet in our solar system?
- a) Earth
  - b) Saturn
  - c) Jupiter
  - d) Uranus
9. Why do astronauts float in space?
- a) There's no gravity
  - b) They're weightless
  - c) They're falling around Earth
  - d) Magic
10. Which Indian astronaut went to space in 1984?

- a) Rakesh Sharma
- b) Kalpana Chawla
- c) Sunita Williams
- d) Neil Armstrong

