

CHAPTER 11

SUNITA IN SPACE

1- Multiple Choice Questions (MCQs).

(i) Which of the following countries is situated on the lower part of the globe?

(a) England (b) Brazil

(c) Germany (d) USA

(ii) Which of the following are in space?

(a) Stars (b) Moon

(c) Sun (d) All of these

(iii) Which of the following festivals is related to the moon?

(a) Gurupurab (b) Dushhera

(c) Eid (d) Christmas

(iv) In high school, Sunita wanted to become a

(a) teacher (b) helicopter pilot

(c) diver (d) astronaut

(v) When did Sunita Williams set a new record for the longest space flight by a woman?

(a) In 2002 (b) In 2005

(c) In 2007 (d) In 2009

2- Write 'T' for True and 'F' for False statements.

(i) The sky, stars, sun and moon are inside the globe.

(ii) Food and water also float in a spaceship.

(iii) The earth pulls everything towards itself.

(iv) Sunita Williams went 630 km away from the earth.

(v) There are lines drawn on the ground between the states and countries.

- (vi) Stars revolve around the earth.
- (vii) Moon changes its phase every night.
- (viii) Moon is a natural satellite of Earth.
- (ix) A space ship carry astronauts in to the space.

3- Fill in the blanks with appropriate words given in the box.

seas and oceans, land, Kalpana's, her, 9 months, 6 months, seas, clouds, blobs, bubble, meteorite, Globe, space flight, Neil Armstrong, Gravity

- (i) The blue parts of the globe are
- (ii) Water floats like in space.
- (iii) Sunita Williams has spent more than in space.
- (iv) Sunita Williams could only make out the and the on the earth from space.
- (v) Sunita Williams made a record for the longest by a women.
- (vi) is an model of the Earth.
- (vii) was the first man to walk on the moon.
- (viii) On earth, when we throw something up, it comes down due to
- (ix) A shooting star is a which catches fire on entering the earth's atmosphere.

4- Observe the following pictures and write their numbers against the correct statements associated with them.



1



2



3



4



5

Statements

- (i) Look my hair is standing, no problem while working.
- (ii) Sunita outside the spaceship, really in space.
- (iii) We take off.
- (iv) Where is this food flying away?
- (v) Our feet don't stay on the floor.

5- Give reason.

- (i) People living in Brazil and Argentina (countries on the lower part of the globe) do not fall off.

- (ii) The sea water doesn't fall off.

- (iii) Paper has to be stuck to the wall of a spaceship in space.

- (iv) In space there was no need to use a comb.

- (v) In a spaceship, space travellers did not experience the pull of the earth.

- (vi) When we throw a ball in the air it falls back.

(vii) Children always slide down the slide and not slide up.

(viii) From mountains, water flows downwards, not upwards.

6- Write if the following incident will take place in space or on the earth in the table below.

- (i) Person floats in air
- (ii) Water stays in a bucket
- (iii) Water takes shape of blobs
- (iv) Food floats
- (v) Hair keeps standing
- (vi) Water falls downwards on a slope
- (vii) A coin comes back to our hand when thrown up

Earth

Space

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Answer the following in one word or one line.

(i) From whom was Sunita inspired in her childhood?

(ii) What did Sunita want to become when she was young?

(iii) What did she become when she grew up?

(iv) What record did Sunita make?

(v) Why did Sunita want to become a school teacher?

7- Answer the following questions briefly.

(i) Who is Sunita Williams? Why did she come to India?

(ii) What was Kalpana's dream?

(iii) How did Sunita describe her view of the earth from space?

(iv) A coin and a small piece of paper (size equal to the coin) are dropped from the same height and at same time. The coin reaches the ground first. Why?

(v) 'All the lines on the maps are made by us, they are in our minds!'

(a) Who said these words?

(b) What do you understand from these words?

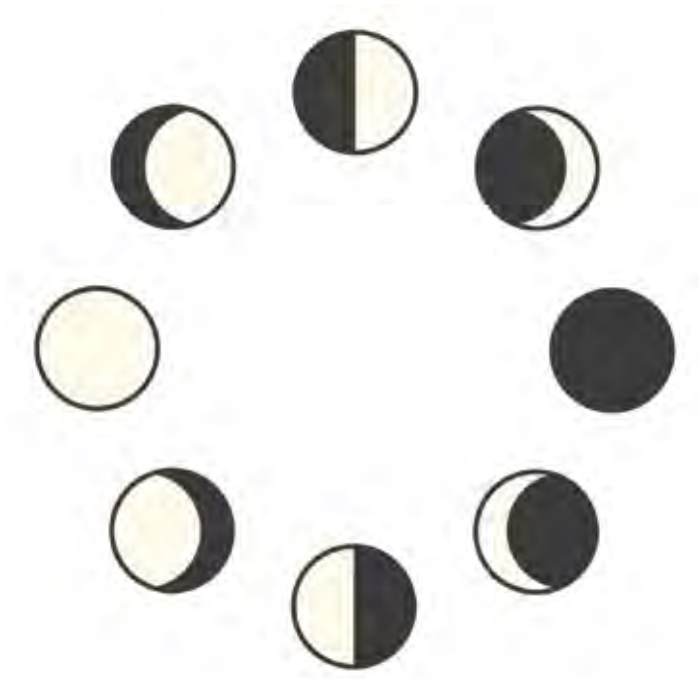
8- How does the earth appear from the surface of the moon?

9- Sunita Williams explained that they (space travellers) do very simple things differently like:

- (i) sitting at one place (ii) washing their face
(iii) eating food (iv) combing

How do they do these? Why?

10- Observe the given shapes of the moon



Find out :

(i) Put a tick mark on the shape when it will be full moon.

(ii) Put a tick mark on the crescent moon.

(iii) Put a tick mark on no moon night.

11- Explain the terms given below

- (i) Astrology
- (ii) Shooting star
- (iii) Spaceship
- (iv) Satellite
- (v) Globe

12- Identify the following space travellers and write few lines on each:



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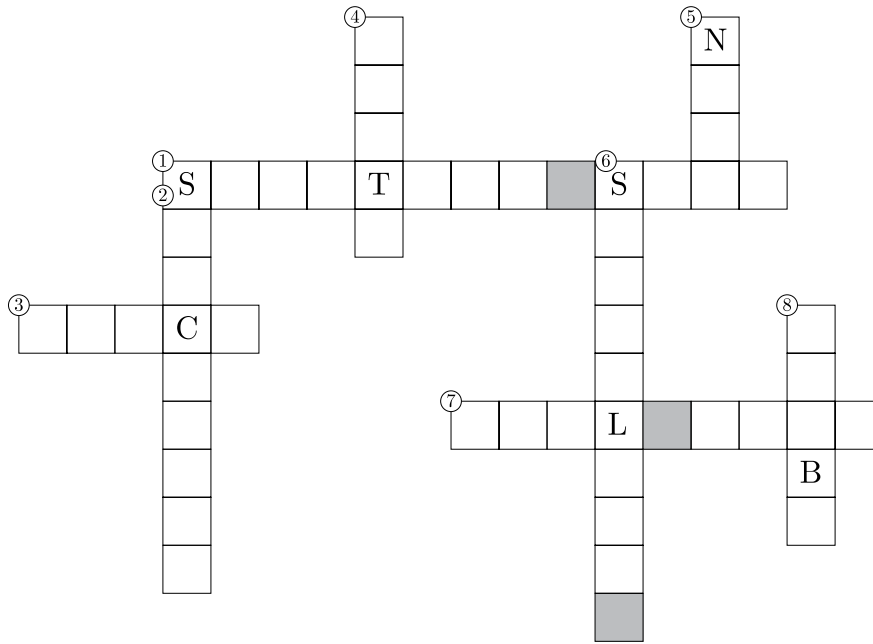


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13- Complete the crossword with the help of the clues given.



Across

- 1. A meteorite which catches fire when it enters the earth's atmosphere.
- 3. The sky, stars, sun and moon are all in
- 7. The moon when it appears perfectly round in the sky.

Down

- 2. A vehicle designed to travel in space
- 4. Our planet
- 5. Organisation for which Sunita Williams works
- 6. It is used for the TV, telephones and weather reports
- 8. Model of the earth

14- Write the full form of the following abbreviations.

- (i) NASA -
- (ii) ISRO -

15- Give one word answer:

- (i) World's first unmanned spacecraft.
- (ii) First Indian to go in to space.
- (iii) The Russian spacecraft in which Rakesh Sharma travelled.
- (iv) First Indian satellite to map moon.
- (v) First American to walk on moon.
- (vi) First women to go in to space.
- (vii) The first man to travel into space.

16- HOW DO YOU FEEL IN SPACE? Underline or tick (✓) the correct answer from the options given below.

- (i) Weightless/Heavy
- (ii) Can walk/Can only float
- (iii) Can breathe freely/Can breathe through oxygen cylinder
- (iv) Can hear/Cannot hear

17- Name the following:

- (i) Four man-made satellite.

- (ii) Four famous astronauts.

18- Spacey Word Search

Search for the words horizontally, diagonally and vertically in the word grid as given on the below, then circle them as you find them.

mercury	E	P	O	C	S	E	L	E	T	J	P	M	R	S	M
venus	Q	L	S	M	E	R	C	U	R	Y	O	F	E	P	O
mars	P	S	S	A	E	B	E	N	Y	O	C	S	T	A	P
jupiter	N	P	E	E	T	G	W	M	N	B	M	T	I	C	K
saturn	J	N	E	P	T	U	N	E	X	C	S	A	P	E	E
uranus	V	E	N	U	S	X	R	L	I	K	T	R	U	C	T
neptune	R	Z	C	W	R	U	X	N	D	C	A	D	J	R	U
telescope	J	M	A	R	S	P	N	Q	D	O	R	U	P	A	H
stars	Z	X	S	Q	B	R	K	O	V	T	S	S	H	F	U
moon	M	D	I	U	H	I	M	T	U	V	B	T	S	T	S
sun	W	L	D	S	I	E	T	R	O	M	G	G	E	B	Y
planet	L	A	U	B	T	K	A	S	T	E	R	O	I	D	S
meteor	A	K	C	E	P	N	F	R	S	O	R	B	I	T	W
comets	S	N	O	T	U	O	A	F	N	P	L	A	N	E	T
asteroids	R	R	P	S	P	X	L	X	C	O	M	E	T	S	D
spacecraft															
