

Unit 3B. Listening, Lecture: Space Pollution

Use a maximum of two words and/or a number to answer these questions

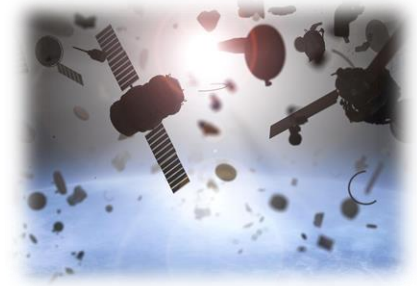
1. What faculty is the lecturer from? _____

A. What is space pollution?

Space Pollution – also known as space junk, space garbage and (2) _____

Includes:

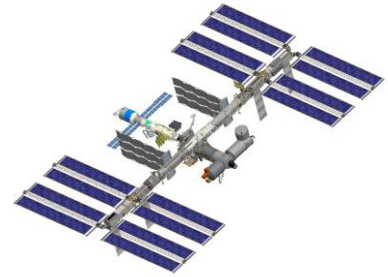
- Broken pieces of rockets & satellites
- Whole spacecraft
- Pens, (3) _____ & cameras



B. How much pollution is there in space?

4. Which newspaper did the lecturer get the following information from? _____

- 3100 satellites - (5) _____ % are old or damaged
- (6) _____ smaller pieces of space junk
- Millions of pieces of junk too small to follow



C. Why is space junk a problem?

i) Space junk is (7) _____

Especially for ISS. (ISS = (8) _____ Space Station)

The ISS

Time to build	Cost	Size	Weight	2015 - Number of warnings
9. _____	\$150 billion	football field	10. _____	11. _____

12. Space junk is fast. Speed = _____ km/hr.

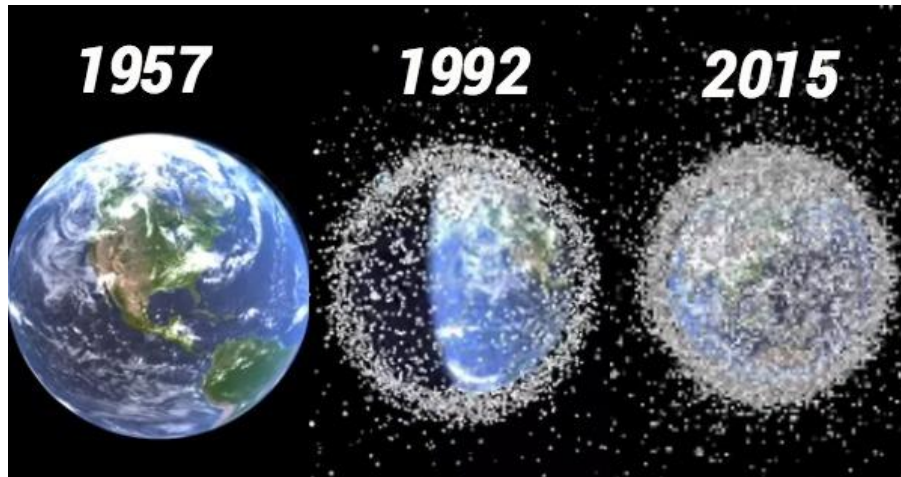
13. What is one reason we use satellites? _____

ii) Space junk stays in space for hundreds of years.

iii) Space junk is (14) _____

Why? - putting more things into space

- space junk hits other junk and (15) _____ into smaller pieces.



Examples

Eg.	Date	Country	Event	Result
1	16. _____	France	Satellite hit by rocket	Satellite damaged
2	17. _____	Russia - America	2 satellites crashed	Added (18) _____ pieces of space junk
3	11 Jan 2007	19. _____	Rocket hit satellite	Added 3000 pieces of space junk