

Chapter 1 Reading 1 – Robot Futures

Vocabulary Build – B & C (pp. 5-6)

a. Complete the table with the missing forms of the words.

| noun | adjective | verb | opposite (if any) |
|--------------|-------------|------------|-------------------|
| | accessible | | |
| | | accelerate | -- |
| | constrained | | |
| | diverse | -- | -- |
| | | innovate | -- |
| | | interpret | |
| | | perceive | -- |
| | precise | -- | -- |
| | relevant | -- | |
| sensor/sense | | | -- |
| | | transform | -- |
| | predictable | | |
| | | receive | -- |
| | visible | -- | |
| | | understand | |
| | regular | | |
| availability | available | -- | |

b. Complete each sentence below with an appropriate word (with the correct form) from the table above. It is possible to have multiple right answers.

1. Because of the _____ of duties and levels of responsibility, the personnel's educational backgrounds and experience vary considerably.
2. The statistics given are taken as far as possible from official returns; however, if such kind of information is _____, they are carefully compiled from reliable data.
3. Observations are not effective at all when they are made at _____ hours, or at only one or two fixed hours.
4. If you think that these transport problems can be solved by building more roads, you completely _____ the nature of the problem.
5. Automakers are demanding high-quality and _____ products as well as shorter design and delivery times, industry experts said.
6. Catalytic heaters can be used wherever heat is required, producing heat at a lower and more controlled rate than _____ combustion.