

## 14 Multiple choice questions

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1. working together with others on a project for a common goal
  - a. powertrain
  - b. collaboration
  - c. constraint
  - d. innovation
  
2. a list of requirements and specifications
  - a. chassis
  - b. criteria
  - c. drivelines
  - d. graphical
  
3. relating to visual art
  - a. parameter
  - b. graphical
  - c. criteria
  - d. chassis
  
4. the mechanism that transmits the drive from the engine of a vehicle to its axis
  - a. powertrain
  - b. collaboration
  - c. constraint
  - d. function
  
5. a limitation or control that must be followed
  - a. function
  - b. chassis
  - c. powertrain
  - d. constraint
  
6. the action or use for which something has been designed
  - a. function
  - b. constraint
  - c. chassis
  - d. innovation

7. using an existing material or technology for a completely different purpose or to develop a new material or technology; something new or unprecedented in a market or society
  - a. function
  - b. collaboration
  - c. innovation
  - d. ergonomics
  
8. the total of surrounding things, conditions or influences; especially the combination of external physical conditions that affect and influence our growth, development and survival
  - a. ergonomics
  - b. function
  - c. environment
  - d. constraint
  
9. the ability of a product to repeatedly perform its design function for an acceptable period of time without failure; to be long-lasting
  - a. chassis
  - b. durability
  - c. function
  - d. drivelines
  
10. everything in the powertrain excluding the engine and transmission
  - a. durability
  - b. drivelines
  - c. parameter
  - d. criteria
  
11. a limit or boundary that defines work
  - a. chassis
  - b. criteria
  - c. parameter
  - d. drivelines
  
12. detailed instructions on how something should be done or produced
  - a. collaboration
  - b. function
  - c. innovation
  - d. specifications

13. the base frame of a car
  - a. constraint
  - b. graphical
  - c. chassis
  - d. criteria
  
14. the science of designing machines, products and systems to maximise the safety, comfort and efficiency of the people who use them (and minimise harm or physical damage)
  - a. chassis
  - b. drivelines
  - c. ergonomics
  - d. criteria