

# Design, Technology and Innovation

## Week 4: Practice Questions

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1. In the Hero cycles case study, why was the deep drawn sheet metal process more cost effective than using pipes in the bicycle?
  - (a) Pipes are actually sheets rolled and welded into pipes. So deep drawn sheets do away with the costs of that process.
  - (b) The whole frame is built in one go.
  - (c) The cost of sheet is lower than pipes.
  - (d) The deep drawn sheet process uses lesser materials.
  - (e) All of the above.
2. In the development of the collaborative model from inductive study, at what stage(s) of innovation can you get feedback from collaborators?
  - (a) Concept generation and creation.
  - (b) Concept focus and evaluation.
  - (c) Concept detailing.
  - (d) Concept refinement and finalizing.
  - (e) All of the above.
3. What is included in "Comprehension" in the Chakku's 7 C's?
  - (a) Being involved in the scenario and users.
  - (b) Understanding issues of ergonomics.
  - (c) Documenting usage by users.
  - (d) None of the above.