

14. a) Summarize the importance of ergonomic and aesthetic needs in ID 13, K2, CO4 with suitable examples.

OR

- b) Demonstrate in detail the robust design with suitable example. 13,K2,CO4
- 15. a) List down and explain the steps involved in estimation of 13,K2,CO5 manufacturing costs.

OR

b) List down the factors involved in maximizing the ease of assembly. ^{13,K2,C05}

PART - C $(1 \times 15 = 15 \text{ Marks})$

16. a) Infer the corporate identity of a Royal Enfield motorcycle with a ^{15,K2,C} customer sheet.

OR

b) Plan a schematic for a wrist watch, using only functional elements- 15,K2,CO6 explain.

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