

ICPC26 PRODUCT DESIGN AND DEVELOPMENT

Test-2, April 2018. Maximum marks - 125

Answer all questions

1. Describe two main standards used in the manufacture of your individual product. (Students who have been assigned edible or medical products must describe the HACCP protocols and standards applicable to their product such as: potential hazards, critical control points, critical limits, deviation, monitoring, verification, and record keeping) 30
2. Describe two main standards (national or international) applicable to your group product. 20
- 3a. Describe what is intellectual property using the patent of 'Flow Hive' as an example . 20
- 3b. Describe how Amul uses supply chain management to be the largest food-processing company in India. 20
4. What is robust design philosophy of Taguchi? Describe the control factors, noise factors, and performance metrics of your group product. Explain in detail how you will make your group product robust. 10+15+10

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