

Printed Pages : 4



ETDT803

- (b) How can we maintain the design related records? Why it is important?
- (c) In what way you can present your carpet design at different location to attract customer?

(Following Paper ID and Roll No. to be filled in your Answer Book)

PAPER ID : 164861

Roll No.

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B. TECH
(SEM. VIII) THEORY EXAM. 2014-15
DESIGN MANAGEMENT

Time : 3 Hours]

[Total Marks : 100

- Note :** 1) Attempt all questions
2) All questions carry equal marks.
3) Sketch neat diagram wherever necessary.

Q1. Attempt any *two* questions from the following : 10x2=20

- (a) What are the different sources of design ideas?
- (b) Explain in detail the difference between design and development.
- (c) Explain the PLC, with the help of a diagram & suitable examples.

Q2. Attempt any *two* questions from the following : 10x2 = 20

- (a) What are the different aspects of home textile design?
- (b) What do you understand by stages in design process? Also give an example.
- (c) What are the important factors for selection of raw material for carpets?

Q3. Attempt any *two* questions from the following : 10x2 = 20

- (a) What is FMEA? Explain in detail.
- (b) What parameters are mentioned in ISO 9001: 2000 for design and development?
- (c) Explain the theory of value analysis. How can we apply it in carpet design?

Q4. Attempt any *two* questions from the following : 10x2 = 20

- (a) What is validation of design? How is it different from verification?
- (b) What are the basic elements for costing of carpet? Explain.
- (c) Write short notes on any *two* :
 - i) QFD.
 - ii) Network analysis (PERT & CPM).
 - iii) Time management of design.

Q5. Attempt any *two* questions from the following : 10x2 = 20

- (a) Why the evaluation of performance of design is essential? What are the different ways of evaluation?