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Code No: 137SG

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech IV Year I Semester Examinations, October/November - 2020

DESIGN PATTERNS

(Computer Science and Engineering)

Time: 2 hours

Max. Marks: 75

Answer any Five Questions
All Questions Carry Equal Marks

1. Discuss in detail about selection and usage of design patterns. [15]
2. How to describe a design pattern? Explain. [15]
3. Describe embellishing the user interface in Lexi's design. [15]
4. Discuss about spell checking and hyphenation in Lexi's design. [15]
5. Describe consequences, implementation factory method and abstract factory patterns.[15]
6. Discuss about motivation, structure and participants of builder pattern. [15]
7. Describe sample code and known uses of flyweight and façade pattern. [15]
8. Explain the following patterns:
a) observer.
b) Visitor. [7+8]

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