

Bharati Vidyapeeth
(Deemed to be University), Pune
School of Distance Education

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| Name of the Assignment Setter: | | Dr. M. K. Patil | | | |
| Course: | MCA | Class: | II | Semester: | IV |
| Subject: (403) Design Pattern | | | | | |

Q.1) Attempt ANY ONE of the Following (1000 Words) (10)

- a) Explain Prototype Design Pattern.
- b) Explain Abstract Factory Pattern with its intent, structure and applicability.

Q.2) Attempt ANY TWO of the Following (800 Words) (12)

- a) Explain eight golden rules of interface design.
- b) Illustrate Object Action Interaction Model in HCI.
- c) When to use Proxy Pattern? Illustrate its structure and applicability.
- d) What do you know about Decorator Pattern? Explain its intent and structure.

Q.3) Write Short Notes on (ANY TWO) (08)

- a) Bridge Pattern
- b) Singleton Pattern
- c) Adapter Pattern
- d) Types of Patterns

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