



GD-074005

Seat No. _____

B.C.A. (Sem. IV) Examination

March - 2019

BCAOC-405 : User Interface Design

Time : 3 Hours]

[Total Marks : 70

Instructions

- 1) Figures on the right indicate the marks.
- 2) All Questions are compulsory.
- 3) Answer of each question must start on a new page.
- 4) Answer of all sub-questions of a question should be written in continuous order.

Q.1 Do as Directed(Any 7): **14**

- (1) What are the merits of good user interface?
- (2) How would you rate the popularity of user interface?
- (3) State some applications where human interaction speed is considered.
- (4) List the types of presentation styles.
- (5) State the categories of users.
- (6) What is the need for device based control?
- (7) State some features which affect the popularity of web user interface.
- (8) What is hypermedia?
- (9) List some obstacles for UI design.
- (10) State any four characteristics of windows.

Q.2 Explain Any One. **14**

- (a) Discuss in detail characteristics of Graphical User Interface.
- (b) Explain the significant characteristics of web user interface

Q.3 Explain Any One. **14**

- (a) Explain Contents of menu in detail.
- (b) Explain the direct and indirect methods for determining business requirement analysis on user interface design

Q.4 Explain Any Two. **14**

- (a) What is requirement analysis? What are the methods involved in it? What is the impact of it on UI design? Explain.
- (b) Discuss in detail about structures and functions of menu with suitable illustrations.
- (c) What are the kinds of graphical menus? Explain any one in detail.

Q.5 Answer Any one. **14**

- (a) Explain the characteristics and components of windows.
- (b) Describe the screen based presentation controls used in user interface design with suitable example.