

Total No. of Questions : 5]

SEAT No. :

PC4862

[Total No. of Pages : 2

[6382]-2

F.Y. M.B.A. (IT)

GC - 02 : OBJECT ORIENTED SOFTWARE ENGINEERING

(2024 Credit Pattern) (Semester - I)

Time : 2½ Hours]

[Max. Marks : 50

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*

Q1) Solve any five :

[10]

- a) Define testing.
- b) List the phases of SDLC.
- c) Which model is not suitable to incorporate any changes.
- d) Define the term 'Agile Methodology'.
- e) Write any four roles of users in SDLC.
- f) Which model considers Risk factor.
- g) What phase of RUP is used to create a business case for the system?
- h) List object oriented principles.

Q2) Answer any two from the following :

[10]

- a) A Management college has incorporated an LMS which uploads notes and reading material for students. Students have to appear for online exams, submit their assignments online. Faculty have to evaluate them and enter marks for these exams and internal exam also. Write SRS for the above case.

P.T.O.

- b) Eat Easy have started an online system so that customers can place orders for snacks related to festivals. Billing is done through cash or online. Write on SRS for the above case.
- c) Write SRS for event management system. The overall functioning is as follows :
 - i) Booking of venue for the event
 - ii) Registration for vendors
 - iii) Assigning vendors
 - iv) Generating quotations

Q3) Answer any one : [10]

- a) Design a GUI screen (input screen design) for student who takes admission for MBA-IT course after clearing the entrance exam.
- b) Discuss several features of modern GUI with suitable examples.

Q4) Answer any one : [10]

- a) Draw a use case diagram for online shopping.
- b) Draw an activity diagram for placement portal.

Q5) Answer any one : [10]

- a) Explain the types of testing.
- b) Explain Agile process models and Extreme programming.

