

Student Name:
University Roll No.:

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School of Engineering
First Theory Sessional Examination
Odd Semester (AS: 2024-25)

B. Tech: CSE(IOTBC)
[Year:3rd | Semester :5 |

Course Title: Agile Development
Methodology
Max Marks: 30
Time: 1hr

Course Code: ITBC3502

Instructions: 1-Mention any assumptions made.
2-Notations have usual meaning.

SECTION 'A'
Q.N.1. Attempt all parts of the following:

	Course Objective	Marks
a) Explain design thinking and its importance.	CO1	1
b) What is As-Is scenario.	CO1	1
c) What is Agile and its importance.	CO1	1
d) Explain product backlog and sprint backlog.	CO1	1
e) Explain the content of impediments list.	CO2	1

SECTION 'B'
Q.N.2. Attempt any two parts of the following:

	Course Objective	Marks
a) Use of story board and other tools in Design thinking. Explain its brief.	CO2	7.5
b) Explain definition of ready(DoR) in sprint and what is the role of product backlog in DoR.	CO2	7.5
c) Define scrum model in brief and explain the scrum team roles.	CO1	7.5

SECTION 'C'

Q.N.3. Attempt any one part of the following:

	Course Objective	Marks
a) Implementation of sprint Burndown chart and impediments list explain with diagram.	CO2	10
b) Implementation of V-model, advantages and disadvantages with diagram.	CO2	10
c) Define IBM TD framework and all Agile framework (XP, Kanban)	CO1	10

Table 1: Mapping between COs and questions

COs	Questions Numbers	Total Marks
CO1	(1-a,b,c,d)(2-c)(3-c)	21.5
CO2	(1-e)(2-a,b)(3-a,b)	36

28.10.2024