BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI
(END SEMESTER EXAMINATION)

CLASS: MBA   SEMESTER : IVrth
BRANCH: MBA   SESSION : SP/2024

SUBJECT: MT543R1 SOFTWARE ENGINEERING

TIME: 3 Hours   FULL MARKS: 50

INSTRUCTIONS:
1. The question paper contains 5 questions each of 10 marks and total 50 marks.
2. Attempt all questions.
3. The missing data, if any, may be assumed suitably.
4. Before attempting the question paper, be sure that you have got the correct question paper.
5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.

			CO	BL
Q.1(a)	Discuss how software engineering is a disciplined approach of developing a high quality software.	[5]	1	2
Q.1(b)	Compare Waterfall model and Agile model.	[5]	1	2
Q.2(a)	Summarize the difference between functional and non functional requirements of software.	[5]	2	2
Q.2(b)	Illustrate how requirement analysis helps to understand how software will work under constraints.	[5]	2	3
Q.3(a)	Discuss at least two issues which are important in software design process.	[5]	3	2
Q.3(b)	Illustrate in brief the concept of coupling and cohesion in software design.	[5]	3	3
Q.4(a)	Illustrate in brief how software testing verify and validate application quality to ensure its requirements.	[5]	4	3
Q.4(b)	Summarize any three types of testing.	[5]	4	2
Q.5(a)	Discuss how software quality assurance activities works parallel to the development of software.	[5]	5	2
Q.5(b)	Discuss in brief any three qualities of a good software.	[5]	5	2

::::::23/04/2024::::::E