JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT
TEST -1 EXAMINATIONS-2022
B.Tech-III Semester (IT/BT)

COURSE CODE (CREDITS): 18B11CI512(3)　　　　　　MAX. MARKS: 15

COURSE NAME: INFORMATION SYSTEMS

COURSE INSTRUCTORS: DR. RUCHI VERMA　　　　　MAX. TIME: 1 Hour

Note: All questions are compulsory. Marks are indicated against each question in square brackets.

Q1. In the development of an Information System, discuss the various ways in which a scrum master differs from traditional system analyst.　　(3 marks CO- 2)

Q2. Detail out the Agile workflow from initial stage to final stage of development of a system.

(3 marks CO-2)

Q3. You have been hired as a systems innovator to design a new cell phone network for 500,000 subscribers. You are wise enough to include the requirement of future growth of the cell phone network to individual additional subscribers.　　(4.5 marks CO-3)

　i. What other requirements might be worth considering when you design the system?

　ii. What requirements might influence the success (or failure) of the designed system?

　iii. Represent the various types of information systems involved in the design.

Q4. Discuss the various points to consider for development of an information system during the following phases:　　(4.5 marks CO-1)

　i.　　Good Interface design

　ii.　　Decomposition of functions in the internal design

　iii.　　Analysis of discrepancy between expected and achieved results