SUMMER 2023 EXAMINATION
SUBJECT:SEN(22413) CLASS CO SY
GUESS PAPER **70 marks 3 hrs**

Q.1) Attempt any FIVE of the following. **10 Marks**

a) List any 2 Characteristics of software.
b) State any 4 attributes of good software.
c) Define- SRS.
d) Define attribute and list types of attribute.
e) Define project Scheduling and list its types.
f) Define software qulity assurance.
g) Define software security.

Q.2) Attempt any THREE of the following. **12 Marks**

a) State and describe software generic process framework activites.
b) Describe any 4 software communication principles.
c) Draw and describe management spectrum.
d) State and describe any 4 basic principles of project scheduling.

Q.3) Attempt any THREE of the following. **12 Marks**

a) State and describe software generic process framework activites.
b) Describe any 4 software communication principles.
c) Prepare SRS for online shopping system using following points
   - Introduction
   - Overall Description
   - System Features
   - External Interface Requirements
d) Describe elements of analysis module with neat label diagram.

Q.4) Attempt any THREE of the following. **12 Marks**

a) Distiguish between black box testing and white box testing.
b) Use COCOMO Model for organic, Semi detached, embedded mode to calculate effort and development time for size of project 600 KLOC
c) Draw RMMM plan.Describe its major components.
d) Describe following project cost estimation approaches.
   - Heuristic
   - Analytical
e) Prepare macro timeline chart for 15 days of Home Automation System (5 days a week).Consider broad phases of SDLC.

Q.5) Attempt any TWO of the following. **12 Marks**

a) Sketch use-case diagram for bank management system with minimum 5 use cases and 2 actors.

b) Describe PERT chart with suitable example.

c) Differntiate between software qulity control and software qulity assurance

Q.6) Attempt any TWO of the following. **12 Marks**

a) Draw neat labelled diagram of translation of requirement model into design model.

b) Describe six sigma.also describe any 3 ISO standards.

c) Recognize requirements for following modules of banking software

1. Customer Module
2. Loan Module
3. Account Module