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PAPER CODE	V222-254 (ESE)
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**MAY 2022 (ENDSEM) EXAM**  
**S.Y. INFORMATION TECHNOLOGY (SEMESTER - II)**  
**COURSE NAME: SOFTWARE ENGINEERING**  
**COURSE CODE: ITUA22204**  
**(PATTERN 2020)**

[Max. Marks: 30]

Time: [1Hr]

**Instructions to candidates:**

- 1) Figures to the right indicate full marks.
- 2) Use of scientific calculator is allowed
- 3) Use suitable data where ever required

- Q.1      a) Compare Known risk and predictable risk. [4]  
            b) List down elements of configuration management system. [6]
- OR**
- b) Show with neat diagram: Analysis and Design Workbench and explain each component. [6]
- Q2        a) Can project scheduling affect integration testing? Justify [4]  
            b) Compare Big Bang, Top down, Bottom-up integration approach. [6]
- OR**
- b) What do you understand by Key Process Area (KPA), in the context of SEI CMM? Would there be any problem if an organization tries to implement higher level SEI CMM KPAs before achieving lower level KPAs? Justify your answer using suitable examples. [6]
- Q.3        a) Illustrate "emergent requirements" and why do they present a challenge to software engineers? [4]  
            b) Identify and discuss success factor that leads to successful collaborative development. [6]
- OR**
- b) List and explain with neat diagram the phases in Software Maintenance Process. [6]