# [CB-BA521-B/CB-BS539-B/CB-BS525-B]

# AT THE END OF FIFTH SEMESTER (CBCS PATTERN) DEGREE EXAMINATIONS

# COMPUTER APPLICATIONS - V(B)

## SOFTWARE ENGINEERING

(Common For B.A.(CA)/B.Sc.(CS)/B.Sc.(CA))
(From The Admitted Batch of 2015-2016)

Time: 3 Hours Maximum: 75 Marks

#### SECTION - A

- I. Answer any Five questions.  $(5\times5=25)$ 
  - 1. Briefly explain about linear sequential model.
  - 2. Explain requirement elicitation and analysis.
  - 3. Explain various decomposition techniques.
  - 4. How a user interface design is evaluates?
  - 5. Explain about software quality merits.
  - 6. Explain the merits of software quality.
  - Explain about problems and solutions of requirements.
  - 8. Explain function-oriented design.

15,000

[Turn over

## Limite

## SECTION-B

II. Answer All the questions.

 $(5 \times 10 = 50)$ 

 a) Explain about Agile process model. Also explain its merits and limitations.

### (OR)

- b) Explain about system development life cycle.
- 10. a) What is requirement engineering? Explain various Requirement engineering tasks.

(OR)

- Explain about software requirements analysis.
- 11. a) What is software architecture? Why it is so important? Explain structural partitioning.

(OR)

- b) What is coupling? Explain various types of coupling. https://www.aknuonline.com
- What are the steps used in user interface analysis? Write about user interface design models and design process.

(OR)

Explain Human factors and Human computer interface Design.

- (3) [CB-BA521-B/CB-BS539-B/CB-BS525-B]
- Explain software reverse and Re-engineering.
  (OR)
- b) Explain Black Box and White Box testing.

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