Oct-22/BE/Insem-52

B.E. (Computer Engineering)
SOFTWARE TESTING AND QUALITY ASSURANCE
(2019 Pattern) (Semester - VII) (Elective-IV) (410245-D)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:
1) *Answer Q1 or Q2, Q3 or Q4.*
2) *Neat diagrams must be drawn wherever necessary.*
3) *Figurs to the right side indicate full marks.*
4) *Assume suitable data if necessary.*

Q1) a) Define software quality. List & explain core component of quality. **[5]**

b) What are the constraints of software product quality assessement. **[5]**

c) Explain defect life cycle with the help of diagram. **[5]**

OR

Q2) a) Examine the relationship between quality & productivity. **[5]**

b) Explain PDCA cycle. **[5]**

c) Plan software quality control with respect to college attendance software. **[5]**

Q3) a) Write test cases for login validation. **[5]**

b) What are the entry & exit criteria of testing. **[5]**

c) Analyse test policy & test strategy which is included in test documentation. **[5]**

OR

Q4) a) Explain use case testing with one example. **[5]**

b) How can you classify the role of software **[5]**

c) Differentiate between test plan & test strategy. **[5]**

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