[6155]-62
T.Y. B.Sc. (Computer Science)
CS-362 : SOFTWARE TESTING
(Revised 2019) (Semester - VI)

Time : 2 Hours]

[Max. Marks : 35

Instructions to the candidates:
  1) *All questions are compulsory.*
  2) *Figures to the right indicate full marks.*
  3) *Assume suitable data, if necessary.*

Q1) Attempt the following.

[8×1=8]

  a) Define debugging.

  b) Black Box testing is known as glass box testing. Justify T/F.

  c) Write advantages of Load Testing.

  d) Write difference between Agile and Traditional testing.

  e) Write objective of Spike testing.

  f) List any 2 objectives of Software Testing.

  g) Define Cyclomatic complexity.

  h) Define Test plan.

Q2) Attempt any four of the following:

[4×2=8]

  a) Explain Top down integration.

  b) Write difference between White and Black box testing.

  c) List the features of Agile Testing.

  d) Write short note on dimension of quality.

  e) Write advantages of regression testing.

Q3) Attempt any two of the following:

[2×4=8]

  a) Explain V-model in detail.

  b) Describe basic path testing with example.

  c) What is system testing? How it test the system? Also list it's different types.

P.T.O.

Q4) Attempt any two of the following: **[2×4=8]**

    a)   What is Web application? How it works? Explain diagrammatically.

    b)   What is unit testing? How it works? Explain with example.

    c)   What is test case? Explain with example.

Q5) Attempt any one of the following: **[1×3=3]**

    a)   Write a difference between Alpha and Beta testing.

    b)   Write short note on Agile testing Quadrants.

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