

2014

Time : 3 hours

Full Marks : 80

Candidates are required to give their answers in their own words as far as practicable.

The figures in the margin indicate full marks.

Answer from both the Groups as directed.

Group – A

(Objective Type Questions)

1. Choose the correct answer of the following :
2x10 = 20

(a) MTTF stands for :

- (i) Mean Time to Transfer File
- (ii) Mean Time to Transmit File
- (iii) Mean Time to Failure
- (iv) None of the above

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(Turn over)

(b) User level tests are useful for :

- (i) Accept the system
- (ii) Validate the system
- (iii) Foresee how the customer will use the system
- (iv) None of the above

(c) CAD stands for :

- (i) Computer Aided Description
- (ii) Computer Assisted Definition
- (iii) Computer Aided Design
- (iv) None of the above

(d) Which is not related to feasibility ?

- (i) Legal feasibility
- (ii) Block box test
- (iii) Technical feasibility
- (iv) Economic feasibility

(e) Which is related to software estimation ?

- (i) TCP/IP
- (ii) HIPO
- (iii) COCOMO
- (iv) VTOC

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(2)

Contd.

(f) Which is not part of risk management ?

- (i) Risk Detection
- (ii) Risk Avoidance
- (iii) Risk Recovery
- (iv) Risk Router

(g) Under software engineering RFP stands for :

- (i) Report for print
- (ii) Report for presentation
- (iii) Request for proposal
- (iv) None of the above

(h) Project proposal is :

- (i) Design tool
- (ii) SRS document
- (iii) Life cycle model
- (iv) None of the above

(i) "SCM" is :

- (i) Life Cycle Model
- (ii) Change Management Process
- (iii) Estimation Model
- (iv) None of the above

Unit test is :

- (i) Test Level

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(3)

(Turn over)

- (ii) Fact finding techniques
- (iii) Testing methods
- (iv) None of the above

Group – B

(Long-answer Type Questions)

Answer any four of the following : 15x4 = 60

2. Define software, program and software system.
3. Describe requirement analysis and write a sample SRS document.
4. Explain SDLC phases in detail.
5. Explain software project estimation with any one estimation model.
6. Differentiate between Iterative model and Prototyping model.
7. Explain Fact finding methods used for requirement analysis.
8. Describe Object Oriented Analysis and design.
9. Explain Black box testing and White box testing.

