

Total No. of Printed Pages:2

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FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc.(Information Technology) T.Y.(Sem-V) Examination Oct/Nov 2019
Software Project Management-II
IT 501-T

[Time: 1.30 Hours]

[Max.Marks:50]

Please check whether you have got the right question paper.

- 1) All questions carry equal marks.
 2) All questions are compulsory

N.B

Q.1 Multiple choice questions 10

- 1) ----- is data that has been organized or presented in a meaningful fashion.
 a) Process b) Software c) Storage d) Information
- 2) The ----- is carried out to calculate the earliest date
 a) Forward pass b) Backward pass c) critical path d) none of the above
- 3) In software project , Risk is
 a) Predicted event b) errors and bugs c) uncertain event d) none of the above
- 4) The individual or organization who wants a product to be developed is known as
 a) Developer b) user c) contractor d) client
- 5) In the Empirical estimation technique which model is developed by Barry W. Boehm?
 a) Cocomo model b) Function point c) Putnam model d) none of the above
- 6) In software project , clearly indicates when each of the project activities is planned to occur and what resources it will need
 a) Monitoring and control b) sequencing and scheduling c) Risk management
 d) Effort Estimation
- 7) Expenditure monitoring is an important component of project control
 a) True b) false
- 8) The cocomo model takes into account different approaches to software development reuse etc.
 a) True b) false

9) PERT requires ----- estimates to form a single expected duration

- a) One b) Two c) Three d) Four

10) Which of the following is not considered as a risk in project management?

- a) Specification delay b) product competition c) Testing d) staff turnover

Q.2

A) Why software effort Estimation is important for software project management.

05

B) Explain the advantage of using function point

05

OR

A) How to identify critical path? Explain with example

10

Q.3

A) Explain what is Risk? Explain Risk categories in detail.

05

B) Explain nature of resources

05

OR

A) Explain how to determine expected duration and standard deviation using PERT.

10

Q.4

A) Explain the frame work of monitoring and control?

05

B) Explain Gantt chart to visualizing progress of software project

05

OR

A) What is software quality? Explain why software quality is important for effective project management.

10

Q.5

Write short notes on (any two)

10

a) COCOMO

b) Sequencing and scheduling

c) Risk exposure