

Avinashilingam Institute for Home Science and Higher Education for Women  
Comibatore-641 043

**Master's Degree Examination- November 2017**  
**V Semester**

Class: III M.C.A.  
Major: Computer Applications

Max. Marks: 60  
Time: 3 Hours

**12MCAC27 Software Project Management**

**PART – A**

**(10 \* 0.5 = 5)**

**Answer the following**

Choose the correct answer:

- 1) \_\_\_\_\_ takes into account the profitability of a project and the timing of the cash flows.  
a) Net present value                      b) Internal rate of return  
c) Return on investment                  d) Accounting rate of return
- 2) The people / client who have interest in project are called as \_\_\_\_\_.  
a) project holders      b) stakeholders      c) project leader      d) team member
- 3) There are \_\_\_\_\_ numbers of steps in Stepwise project planning for real time projects.  
a) 6                      b) 7                      c) 8                      d) 10
- 4) The \_\_\_\_\_ prototype is used to test out some ideas and is then discarded when the true development of the operational system is commenced.  
a) operational      b) system      c) throw-away      d) Evolutionary
- 5) A \_\_\_\_\_ is an uncertain event or condition that, if it occurs, has a positive or negative effect on a projects objectives.  
a) risk                      b) activity      c) critical path      d) dangling activity
- 6) PERT stand for \_\_\_\_\_.  
a) program evaluation and review technique      b) process evaluation and review technique  
c) product evaluation and review technique      d) program evaluation and reporting technique
- 7) The \_\_\_\_\_ indicates the planned start and completion dates for each activity  
a) resource schedule      b) cost schedule      c) activity schedule      d) planned schedule
- 8) The \_\_\_\_\_ chart is a method of recording and displaying the way in which targets have changed throughout the duration of the project.  
a) ball                      b) slip                      c) timeline                      d) Gantt
- 9) Taylor emphasis on financial basis of staff motivation \_\_\_\_\_.  
a) piece related pay      b) performance related pay      c) daily wages  
d) group performance related pay
- 10) \_\_\_\_\_ an American psychologist suggested a hierarchy of needs for motivation.  
a) Abraham Maslow      b) Herzebergs      c) Taylor      d) Weinberg

**PART – B (5 \*4 =20)**

**Answer all Questions**

**Answer should not exceed 200 words or one page**

- 11) a) Describe the characteristics of project.  
(or)  
b) What are the problems with software project? Explain.
- 12) a) Write a brief note on software prototyping.  
(or)  
b) Where are estimates done? Explain.
- 13) a) Describe the objectives of activity planning.  
(or)  
b) What are the two main approaches to the identification of risks? Explain.
- 14) a) What are the categories of reporting? Explain.  
(or)  
b) Explain the categories of cost.
- 15) a) Explain the advantages and disadvantages of fixed price contracts.  
(or)  
b) What are software quality measures? Explain.

**PART – C**

**(5 \*7 =35)**

**Answer all Questions**

**Answer should not exceed 600 words or six pages**

- 16) a) Explain the activities of software project management.  
(or)  
b) Discuss the briefly about the cost benefit evaluation techniques.
- 17) a) Describe the outline of stepwise planning activities.  
(or)  
b) Explain the various steps involved software project estimation.
- 18) a) Discuss the three approaches to identifying the activities of a project.  
(or)  
b) What are the steps involved in planning the risk? Describe.
- 19) a) What are the seven categories of resources? Explain.  
(or)  
b) Write a short note on:  
i) Gantt Chart      ii) Slip Chart
- 20) a) What are the types of contracts? Explain.  
(or)  
b) Explain any two motivation models.

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