

BCA (Semester – V)
EXAMINATION OCTOBER 2019
Computer Science Elective - I : IT Project Management

[Duration : Two Hours]

[Max. Marks : 50]

Instructions:-

- 1) All questions are compulsory.
- 2) Figures to the right indicate marks.

- Q.1 A) Answer the following in approximately 40 words. (5X1=5)**
- i) What is project management?
 - ii) State the need for top management commitment in IT projects.
 - iii) State any 2 common elements of a project plan.
 - iv) What are contingency plans?
 - v) What is solicitation planning?
- B) Fill in the blanks**
- i) A ----- documents important (often sensitive) information about stakeholders such as name, organization, unique facts, suggestions etc. **(5X1=5)**
 - ii) ----- Contracts involve payment to the seller for direct and indirect costs.
 - iii) A ----- is a description of the work required for the procurement.
 - iv) A ----- is a collection of project phases.
 - v) ----- are developed for risks that have a high impact on meeting project objectives.
- Q.2 Answer the following (10)**
- A) Define a project. Mention any 2 attributes. **2**
 - B) State and explain the tools and techniques for project execution. **3**
 - C) Explain project scope management processes. **5**
- Q.3 Answer the following (10)**
- A) Using PERT weighted average formula, calculate the time duration required to complete the activity based on the information given below. **2**
Optimistic time=12 days, Most likely time=14 days, Pessimistic time = 28days.
 - B) Explain activity duration estimating? **3**
 - C) What is cost? Explain any 4 cost management processes. **5**
- Q.4 Answer the following (10)**
- A) What is resource levelling? **2**
 - B) Explain McGregor's Theory X and Theory Y. **3**
 - C) Explain the project management maturity model. **5**
- Q.5 Answer the following (10)**
- A) What is Make-Or-busy analysis? **2**
 - B) State any 3 main strategies of risk response planning. **3**
 - C) Explain the conflict handling modes in communication management. **5**