

(2 ½ Hours)

[Total Marks: 75]

- N.B.**
- 1) All questions are compulsory.
 - 2) Figures to the right indicate marks.
 - 3) Illustrations, in-depth answers and diagrams will be appreciated.
 - 4) Mixing of sub-questions is not allowed.

Q. 1 Attempt the following (Any FOUR) (15M)

- (a) What are the Knowledge areas to Project Management?
- (b) Define Project Management and state its Characteristics.
- (c) Describe the different steps in Project selection.
- (d) List and describe any five elements of Project Charter.
- (e) State the benefits of creating the Work breakdown structure in a project.
- (f) Explain the Input, output and Tools for obtaining the Project Budget.

Q. 2 Attempt the following (Any FOUR) (15M)

- (a) Describe the six-sigma concept of improving the quality of product.
- (b) Explain the key steps in Project risk Identification.
- (c) Describe any Five key roles in Project Management.
- (d) Define a Contract and explain its types?
- (e) Illustrate the different steps in Vendor Management.
- (f) Explain any Five activities in the process of Project integration.

Q. 3 Attempt the following (Any FOUR) (15M)

- (a) Explain in detail any one type of Agile methodology or Framework.
- (b) Describe the steps to resolve Conflict management.
- (c) Explain the identification and Analysis of Stakeholders in a project.
- (d) Describe the purpose of Team Building in a Project.
- (e) State and explain the three basic codes of Ethics
- (f) What are the four basic principles of project governance?

Q. 4 Attempt the following (Any FIVE) (15M)

- (a) Describe the following performance Indicators
 1. Cost Variance
 2. Schedule Variance.
- (b) Define the term Earned Value Management
- (c) Mention the Five stages in the Project Team development.
- (d) What are the six stages in Agile software development life cycle?
- (e) Define the term accountability in a Project.
- (f) Discuss the different stakeholder engagement activities in a Project.
