project charter

business case

>> 5 process grps, 10 knowledge areas, 49 processes

**5 process groups-**

* Initiating -2 (Develop Project charter, Identify stakeholders)
* Planning -24
* Executing-10
* Monitoring and controlling-12
* Closing-1

**10 knowledge areas-**

1. Project **integration** management-7
2. Project **scope** management-6
3. Project **Schedule** management-6
4. Project **Cost** management-4
5. Project **Quality** management-3
6. Project **Resources** management-6
7. Project **Communications** management-3
8. Project **Risk** management-7
9. Project **Procurement** management-3
10. Project **Stakeholder** management-4

ISSCQRCRPS

* Process grps fall in each and every phases
* knowledge area has tools techniques, input and output

project, program, portfolio

organisational project management – how project, program, portfolio play role in this

project life cycle, product lifecycle

* **project life cycle**- phases can be sequential or overlapping (fast tracking and crashing)
* **product lifecycle**- happen after project life cycle, can generate multiple projects

Types of development lifecycle-

* Predictive,
* adaptive,
* hybrid,
* iterative,
* incremental

Predictive life cycle- example is waterfall model- upfront planning

Iterative- repeated cycles of iterations

Incremental- keep on adding functionality

Adaptive- combination of iterative and incremental, also called agile

Hybrid- combination of predictive and adaptive.

Phase Gate- done at end of phase where project performance is compared with. Also called stage gate,

Tailoring- In 6th edition.

Project management data and information- use project management information system (PMIS) – to record data from project starting till end.

* By business team, deliverables-

Project Business case

Benefits management plan

* PM responsibility-

Project charter- issues by sponsor to PM authorising him to use resources for getting it done.

Project management plan- created by PM.

* Project success measures

Project integration management-

* Develop project charter
* Develop project management plan
* Direct and manage project work
* Manage project Knowledge
* Monitor and Control project work
* Perform integrated change control
* Close project

Develop project charter

Develop project management plan subsidiaries-

1. Scope management plan
2. Requirement management plan
3. Schedule management plan
4. Cost management plan
5. Quality management plan
6. Resources management plan
7. Communications management plan
8. Stakeholder management plan
9. Risk management plan
10. Scope baseline
11. Cost baseline
12. Schedule baseline
13. Configuration management plan
14. Management Reviews
15. Change management plan
16. Performance measurement baseline
17. Project life cycle
18. Development Approach

**Project Integration management-**

* Develop project charter

Inputs- Business documents (business case, benefits management plan), EEF, OPA,

Tools and techniques- Expert judgement, data gathering, Meetings, Team interpersonal skills

Output- Project charter, Assumption Log

Project charter contains-

* Project description
* Project requirements
* Assigned PM
* Schedule
* Business case
* Develop project management plan-

Inputs- Project charter, other planning documents, EEF, OPA

Tools and techniques- Expert judgement, data gathering, Meetings, Team interpersonal skills

Output- Project management plan

Project management plan contains-

* 9 subsidiaries plan
* 3 baselines- scope, cost and schedule