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MCQs

Q1: (1) Engineering Management is An Art

(2) Engineers can become good managers through Effective career planning

(3) When engineer enters management, what is the most likely problem he finds difficult to acquire All of the above

(4) Strategic planning is undertaken in which management level Top management level

(5) What management function refers the process of anticipating problems, analyzing them, estimating their likely impact and determining action pr that will lead to the desired outcomes and goals planning.

(6) What refers to the establishing interrelationship b/w people and things in such a way that human and materials resources are effectively focussed toward achieving the goal of the company organizing

(7) Actual performance normally is the same as the original plan and therefore it is necessary to check for deviation and to take corrective action. This action refers to what management function controlling

(8) Strategic planning is undertaken in which management level Top management level

(9) For a project manager to achieve his given set of goals through other people, he must have good interpersonal skill.

(10) An engineer is required to finish a certain engineering job in specific time. He is said to be effective if he finish the job within the required specific time.

(11) If an engineer ~~is required~~ provides less input (labor and materials) to his project and still come out with the same output, he is said to be more efficient.

Q2:

(a) part: A Manager job is complex and multidimensional and requires a skills. What are those skills, discuss in detail.

Answer A manager job is complex and multidimensional and require a range of skill.

There are four main skills require for manager job.

(1) Conceptual skill (2) Human skill (3) Technical skill (4) Diagnostic skill.

(1) Conceptual Skills: Conceptual Skills is the ability to see the organization as a whole and the relationship among its part is known as conceptual skills.

→ Conceptual skills also involves the manager's thinking information-processing and planning abilities.

→ Conceptual skills is the ability to think strategically ().

(2) Human Skill: Human skill is the ability to work with and through other and to work effectively as a group member is known as Human skill.

→ Human skill is an ability to motivate, co-ordinate lead, communicate, and resolve conflicts.

→ Likes other people and is liked by other

→ Good judgment for decisions.

→ Effective managers are cheer leader.

→ Getting things done through people.

(3) Technical Skill: Technical skill is the understanding of and proficiency (skill, ability, talent) in the performance of specific task is called Technical skill.

- Includes mastery of Method
- Techniques and Equipment involved in specific function.
- Specialized knowledge, analytic ability.
- Use of tools and techniques to solve problems in specific discipline.

(4) Diagnostic Skills: Diagnostic skill is the ability to visualize the most appropriate response as known as diagnostic skill.

- Diagnose and analyze a problem and then developing a solution.

(B) part: Briefly explain characteristic of authority.

Characteristic of Authority:

- ① Authority is vested in organizational position not people.
- ② Authority is accepted by employees.
- ③ Authority flows down the vertical hierarchy.
- ④ Authority is responsibility.
- ⑤ Authority is accountability.
- ⑥ Authority is the delegation of some rule.
- ⑦ Authority is decentralization.

(8) Authority is centralization

(9) Authority is power.

Q3 (a) part: How does a project emerge? Describe its characteristics.

Answer Project emerge in 3 ~~ways~~ points.

- Driven by a need
- A desire for innovation and creativity
- An addition to a school of thought or a body of knowledge.

Characteristics OF Project Emerge

① Components of any project :- Contain resources cost, people, timescales etc constraints.

project management is an applied subject.

(2) Project initiation :-> what's involved in project.

→ issues, skills

(3) Project Planning: How to break the project into

smaller more manageable components.

How to allocate resources.

(4) Control Evaluation

~~and~~ → systems and tools for control

→ finishing a project, closing down or terminate.

→ post-project evaluation.

(5) Module structure → Provide proper structure of your valid project.

QNO3
Part
(B)

An international conference is planned in 1992 at national university. The activities listed down with their predecessors and time taken prepare a network diagram and determine the critical path

Answer:

Activity	Precedence	Time
A	-	5 days
B	-	1 day
(C)	B	2 days
(D)	C	5 days
(E)	C, D	2 days
(F)	D	2 days
(G)	F	1 day
(H)	F	4 days
(I)	G, H	10 days
(J)	I	1 day
(K)	I	1 day

