## **Department of Electrical Engineering**

## **Engineering Management and Economics Assignment**

Spring-2019-20, Dated 13-4-2020

Instr: Dr. Jehanzeb Khan Time= 5 Days NAME ANEES SHER	ID 11743	Marks 30
Q.1:	10 11743	10
1. Engineering Management is:		
A. An art		
B. Both science and art		
C. A science		
D. Neither art nor science		
2. Engineers can become good managers of	only through	
A. Experience		
B. Taking master degree in management		
C. Effective career planning		
D. Trainings		
3. When engineer enters management, who difficult to acquire?	at is the most likely problem h	ne finds
A. Learning to trust others		
B. Learning how to work through others		
C. Learning how to take satisfaction in the	work of others	
D. All of the above		
4. Strategic planning is undertaken in which	ch management level?	
A. Lower management level		
B. Middle management level		

C. Top management level

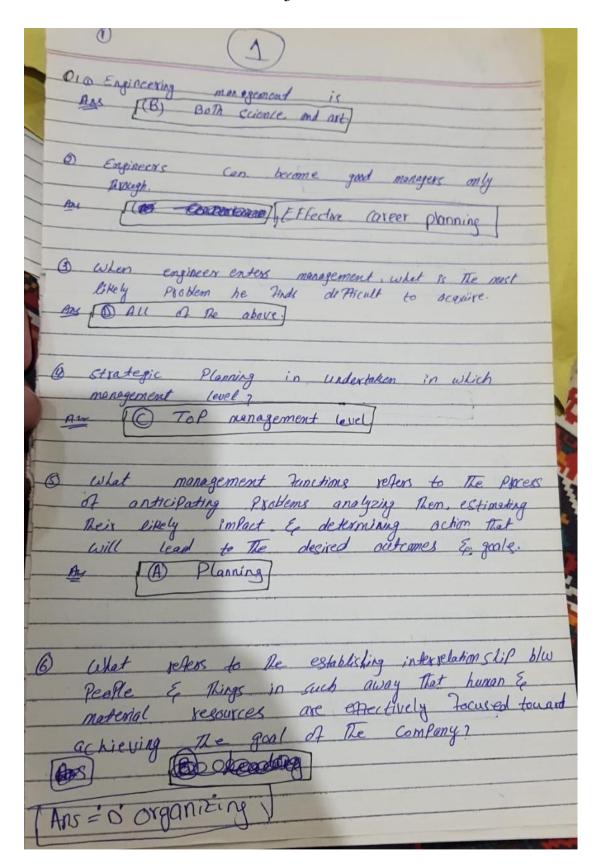
D. Lowest management l	leve	اد
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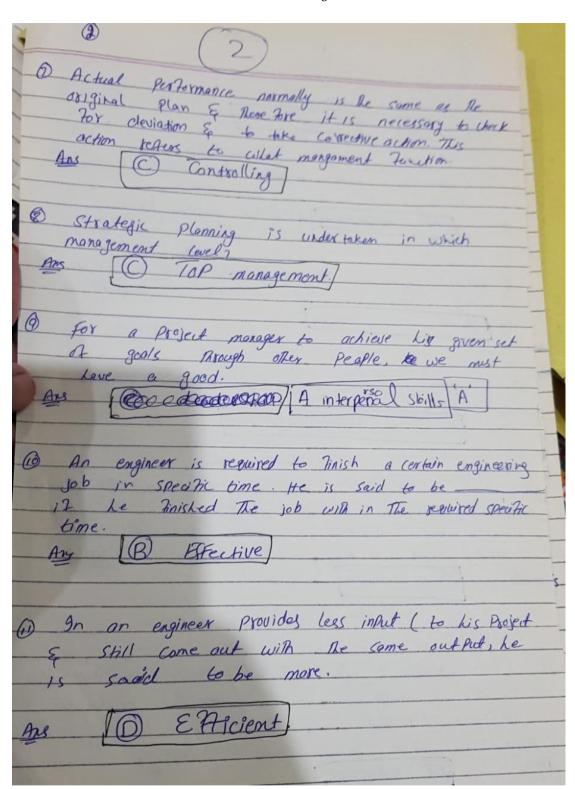
A. Interpersonal skills

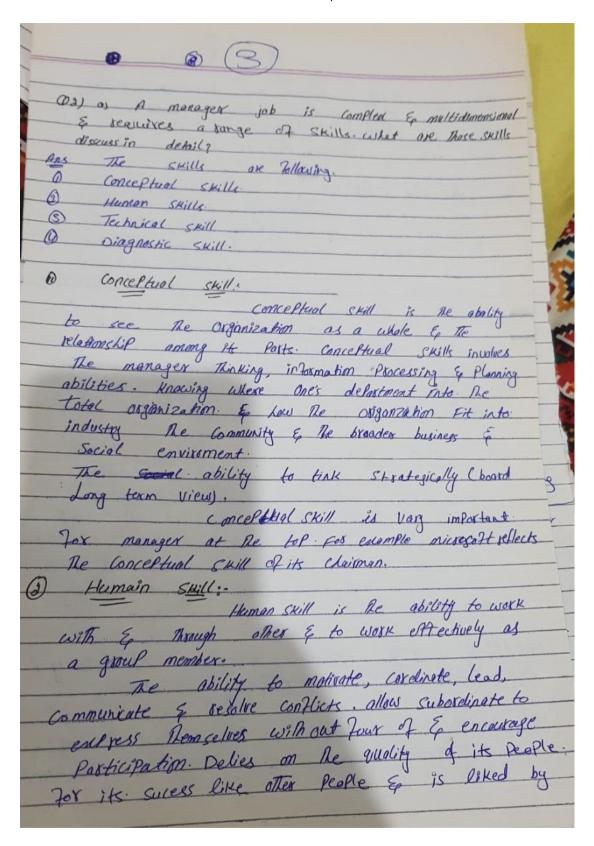
5. What management functions refers to the process of anticipating problems, analyzing them, estimating their likely impact and determining actions that will lead to the desired outcomes and goals?
A. Planning
B. Leading
C. Controlling
D. Organizing
6. What refers to the establishing interrelationships between people and things in such a way that human and materials resources are effectively focused toward achieving the goal of the company?
A. Planning
B. Leading
C. Controlling
D. 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?
A. Organizing
B. Planning
C. Controlling
D. Staffing
8. Strategic planning is undertaken in which management level?
A. Lower management level
B. Middle management level
C. Top management level
D. Lowest management level
9. For a project manager to achieve his given set of goals through other people, he must have a good

B. Communication skills	
C. Leadership	
D. Decision- making skills	
10. An engineer is required to finish a certain engineering job in specific tinsaid to be if he finished the job within the required specific tins	
A. Efficient	
B. Effective	
C. Reliable	
D. Qualified	
11. If an engineer provides less input (labor and materials) to his project an come out with the same output, he is said to be more	nd still
A. Managerial skill	
B. Economical	
C. Effective	
D. Efficient	
Q.2 a) A Manager's job is complex and multidimensional and requires a skills. What are those skills, discuss in detail.	a range of
5111151 Y 1140 410 611050 5111115, 6110 4155 111 40 61111	5 Marks
b) Briefly explain characteristics of authority.	5 Marks
Q.3: a) How does a project emerge? Describe its characteristics.	5 Marks
b) An international Conference is planned in Iqra national University	•
activities listed down with their predecessors and time taken. Prepar	
network diagram and determine the critical path.	5 Marks

Activity	Precedence	Time
A Date, topics & Speaker	-	5 days
B Prepare logo & brochures	-	1 day
C Send letters to speakers	В	2 days
D Get confirmation from Speakers	C	5 days
E Send letters to participants	C,D	2 days
F Obtain travel plan from speakers	D	2 days
G Arrange Accommodation	F	1 day
H Get handouts from speakers	F	4 days
I Finalize Registration	G,H	10 days
J Setting of Hall	I	1 day
K Conduct of Program	J	1 day







other have good Judgment for delicions such as heiory & strong company policy see make emplyour tech & instiged & promote class working relationship that are fun efferage mangers are cheek - that are his G Technically Skill of Technically skill is The understanding of & professing Skill ability, in the Performance of specific large tasks.

The Performance of specific large tasks. a methods, technique & component involved in second Such as engineering involved in specific Junction such as engineering, manufacturing, home Exasting & marketing swills specialitied unawledge analytical ability, compatent are of tools & techniques to solve Problems 80 specific discipling @ Diagnostic guilly The most affropisate response Dignose & analyze a Problem & Ren developing a Solution for example high mover - possible reason dissolited with pay or not Javorable environment or for interpersonal still And solution by interviewing of employees. OD B # Briefly explain characteristic of authority? Ans Characteristic of authority are Following. Authority is vested in Organizational Position not people because of the Position that purely hold.

