



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad-500 043

## ELECTRONICS AND COMMUNICATION ENGINEERING

### ASSIGNMENT QUESTIONS

<b>Course Name</b>	MANAGEMENT SCIENCE
<b>Course Code</b>	A50014
<b>Class</b>	IV B. Tech I Semester
<b>Branch</b>	Electronics and communication Engineering
<b>Year</b>	2018 – 2019
<b>Course coordinator</b>	Mr.Dr.T.Srinivas Rao, professor& Head of the Department of MBA
<b>Course Faculty</b>	Ms.K.L.Revathi, Assistant Professor, Department of MBA Ms.B.swathi, Assistant Professor, Department of MBA Mr.Dr.T.Srinivas Rao, professor& Head of the Department of MBA

#### OBJECTIVES

To meet the challenge of ensuring excellence in engineering education, the issue of quality needs to be addressed, debated and taken forward in a systematic manner. Accreditation is the principal means of quality assurance in higher education. The major emphasis of accreditation process is to measure the outcomes of the program that is being accredited.

In line with this, Faculty of Institute of Aeronautical Engineering, Hyderabad has taken a lead in incorporating philosophy of outcome based education in the process of problem solving and career development. So, all students of the institute should understand the depth and approach of course to be taught through this question bank, which will enhance learner's learning process.

### ASSIGNMENT-I

S. No	Question	Blooms Taxonomy Level	Course Outcome																
<b>UNIT-I</b>																			
1	Explain Douglas McGregor's theory x and theory y	Remember	1																
2	Mention the different needs as identified by Abraham Maslow. Give an example of each.	Understand	2																
3	Write in detail about the functions of management.	Understand	2																
4	State few lines about the different types of organizations based on authority relationships	Remember	1																
5	Explain the real life example of a leader and what is the role played in an organization?	Remember	2																
S. No	Question	Blooms Taxonomy Level	Course Outcome																
<b>UNIT – II</b>																			
1	Elaborate Materials Management? and write importance and objectives of material management	Understand	4																
2	Explain Materials Management? and write importance and objectives of material management	Understand	4																
3	The following data represents the number of defects found in each sewing machine cabinet inspected plot a control chart with control limits	Remember	6																
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>S.NO</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> </tr> </thead> <tbody> <tr> <td>No of defects</td> <td>8</td> <td>10</td> <td>7</td> <td>9</td> <td>6</td> <td>7</td> <td>8</td> </tr> </tbody> </table>				S.NO	1	2	3	4	5	6	7	No of defects	8	10	7	9	6	7	8
S.NO	1			2	3	4	5	6	7										
No of defects	8	10	7	9	6	7	8												

4	Construct X and R charts for the following information										Remember	6
	<b>sample</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>		
	<b>X</b>	20	34	45	39	26	29	13	34	37		
	<b>R</b>	23	39	14	5	20	17	21	11	40		
5	What is work-study basic procedure involved in method study and work measurement										Remember	4
<b>UNIT – III</b>												
1	Explain about work-study basic procedure involved in method study and work measurement										Understand	4
2	illustrate work-study basic procedure involved in method study and work measurement										Understand	4
3	Describe the difference between on the job training methods and off the job methods.										Remember	8
4	Write about four strategies of man power planning process.										Understand	7
5	Explain about the steps in handling a grievance.										Understand	7

### ASSIGNMENT-II

S. No	Question	Blooms Taxonomy Level	Course Outcome							
<b>UNIT – III</b>										
1	Discuss promotion, transfer, separation and demotion.	Understand	7							
2	Give the examples of latest training methods which are followed in modern organization?	Remember	8							
3	Explain performance appraisal and write about the steps in performance appraisal.	Understand	7							
4	Define merit rating and explain the methods of merit rating.	Understand	7							
5	Distinguish Basic functions of Human resource Manager.	Remember	8							
<b>UNIT – IV</b>										
1	Write about the early techniques of project management with the help of diagram?	Remember	9							
2	What is the difference between Project evaluation and review techniques and critical path method?	Remember	9							
3	Find out the PERT, CPM, slack								Understand	9
	Activity	1-2	2-5	1-3	1-4	3-5	4-6	5-6		
	Duration	5	7	1	3	3	5	1		
4	Create a network diagram and also find cpm								Understand	9
	job	Predecessor						duration		
	A	S						8		
	B	S						2		
	C	A						6		
	D	B						4		
	E	A						8		
	F	D,E						4		
	G	B						10		
H	C,F						4			
I	G,H						6			
5	Find out the estimated ,least time and slack for the following data								Remember	9
	activity	Optimistic time		Most likely time		Pessimistic time				
	1-2	2		5		14				
	1-6	2		5		8				
	2-3	5		11		29				
	2-4	1		4		7				
3-5	5		11		17					

	4-5	2	5	14			
	6-7	3	9	27			
	5-8	2	2	8			
	7-8	7	13	31			
<b>UNIT – V</b>							
<b>S. No</b>	<b>Question</b>				<b>Blooms Taxonomy Level</b>	<b>Course Outcome</b>	
1	Explain elements of corporate planning process with the help of diagram?				Remember	11	
2	Elucidate the SWOT analysis significance.				Understand	10	
3	how companies will analyze the strengths and weakness with examples				Remember		
4	Describe some elements of corporate planning process with the help of diagram?				Understand	11	
5	What are the Steps in Strategy Formulation and Implementation??				Understand	11	

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**HOD, Electronics and communication Engineering**