MCM301

Question 1: What is best algorithm?

Question 2: What is Deterministic Algorithm?

Question 3: What is difference between Design and System Architecture?

Answer:

A system architecture or systems architecture is the conceptual design that defines the structure and/or

behavior of a system.

An architecture description is a formal description of a system, organized in a way that supports
reasoning about the structural properties of the system

Designs it as an independent, selfcontained system

Question 4: What is function of Goal Seek command in Excel?

Question 5: Financial year decided by partnership agreement is 1st July to 30th June. Mr. Ali
is partner and having a capital of Rs. 1,500,000 on July 1st 2007 and he introduced more
capital on August 1st 2007 Rs. 10,000 on April 1st 2008, Rs.500,000 and on June 1st 2008 ,
Rs. 5,000. Mark up rate is 10% p.a.
Capital = 1500000 mark up= 1500000
2nd capital= 10000 markup= 1000
3rd capital= 500000 markup= 50000
4th capital= 5000 markup= 500
Total markup= Rs. 201500
Calculate mark up on Mr. Ali's capital for the year ending on 31th June 2008.

Question 6: Following information of Ahmad & Company is given for the year ended 2007.

Particulars	Units	Cost(Rs.)
Sales during the year	8,000	80,000
Opening Inventories		
Work in process		
Finished goods	1,800	13,500
Closing Inventories		
Work in process	100	4,500
Finished goods	2,000	15,000
Manufacturing Cost		
Direct Material		30,000
Direct Labor		20,000
Factory Overhead		16,000

Required:

1. Conversion Cost
2. Total Factory Cost
3. Cost of Goods Manufactured
4. Cost of Good Sold statement