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Total Number
of Pages: 02

MBA
MGT404D

Fourth Semester Regular / Back Examination – 2015/16

ENTERPRISE RESOURCE PLANNING

Branch : MBA

Time: 3 Hours

Max marks: 70

Q Code : W415

**Answer Question No.1 which is compulsory and any five from the rest.
The figures in the right hand margin indicate marks.**

- Q1 Answer the following questions: (2x 10)
- a) Why do we need ERP?
 - b) Describe functional Areas of ERP.
 - c) What is the role of IT in an ERP Implementation.
 - d) Differentiate between MRP & ERP.
 - e) What is the conceptual difference between SAP R/2 and SAP R/3 Architecture?
 - f) Differentiate between ERP and Traditional Information System .
 - g) What is the role of Display Servers in Baan?
 - h) Why Dispatcher is used ?
 - i) Explain various types of 4GL scripts.
 - j) Differentiate between the working procedure of Application Server and Presentation Server.
- Q2 a) Explain the elements and conceptual model of ERP. (5)
- b) Describe the procurement process for ERP Packages. (5)
- Q3 a) What is SAP ? Briefly outline the features of SAP . (5)
- b) Explain the criteria for ERP Package Selection. (5)
- Q4 Describe various types of work processes and application modules of SAP R/3 . (10)
- Q5 a) What is Business Process Reengineering(BPR) ? Explain its need and challenges . (5)
- b) How can be a business model built with the concept of BPR? (5)
- Q6 a) Differentiate between PeopleSoft 2 Tier and PeopleSoft 3 Tier Architecture. (5)
- b) Explain the architecture of Baan application server. What are the functional modules of BAAN IV? (5)

Q7 a) How RFC Destination is Created between two Systems ? Explain. (5)

b) Explain the MFG/PRO modules. (5)

Q8 Case Study : (10)

When Poly-Cast Plastics (Suzhou) Co. Ltd. was first established its facility in China, it outsourced its financials to a Chinese CPA. But the sub-contracted CPA was only managing the People's Republic of China (PRC) tax law side and not providing any data to Poly-Cast to help it make better business decisions. Through the use of its ERP and MES software solution, Enterprise IQ, Poly-Cast brought its financials in-house and now receives business intelligence data in real time, while saving the costs associated with outsourcing its financials and remaining up to code with China's strict tax regulations.

Poly-Cast Plastics (Suzhou) was established in 2006 to support a United States customer that was simultaneously setting up a plant in Suzhou, China. In addition, Poly-Cast recognized a large business opportunity in the emerging Chinese market. Since it opened, the China facility has grown rapidly, from a modest two machine and three employee start to a current 10 machine spread. Additionally, the Suzhou facility has a full and independent team on the ground to run the daily operations and offer Poly-Cast's customers a very competitive solution that eliminates the risks associated with doing business in China with unknown suppliers.

In response to two challenges i.e. the complexity of the People's Republic of China (PRC) tax system and Poly-Cast's lack of resources at the company's start-up -- Poly-Cast decided to sub-contract all of its financials for the first several years of operation. Unfortunately, the outsourced China CPA only managed the financials for PRC tax law (tax accounting), rather than providing accounting for manufacturing. This financial report structure, in addition to being expensive to outsource, made it very difficult to pull any data that would help Poly-Cast better run its business. The lead time alone to process a monthly financial was often 30 to 60 days and Poly-Cast felt it was always looking backward.

As Poly-Cast continued to grow and develop in sales and manufacturing systems in China, it had a huge need to receive financial data in order to make better business decisions. No one knows Poly-Cast's business better than they do, so it was time to be proactive, rather than reactive, and invest in the resources and systems to manage the financials internally.

How can Poly-Cast Plastics Limited can utilize the ERP financial management modules to maintain rigorous tax standards ?

