

pace with their Western rivals, Taiichi Ohno, an engineer at Toyota, convinced his managers to implement the just-in-time approach to manufacturing.

Instead of having to order and store an insane amount of heavy equipment and machinery, Ohno thought it made a whole lot more sense to receive supplies the moment they were ready to be used.

This way, Toyota wouldn't have to waste any space, time, money, or energies dealing with supplies that would just collect dust until they were needed.

Additionally, Toyota would have more cash on hand to pursue other opportunities; it wouldn't be tied up in inventory.

Toyota implemented Ohno's suggestions, opting to take the just-in-time approach to manufacturing. Though it didn't happen overnight, Ohno's recommended changes ended up transforming the Japanese automaker for the better.

Ohno ended up becoming an executive.

Case study question:

1. What strategy was adopted by Toyota to be led US car manufacturer like Ford and General Motors?
2. What are the benefits of JIT approach of Var manufacturing?
3. What is Ohno leadership style?

7. Write short notes on any two. 2 x 5
- a) Dashboard
 - b) Change Management Principle
 - c) Intellectual Computing

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|-----------|----------|--------------|--------|------|------------------|
| Level | Bachelor | Semester | Spring | Year | : 2020 |
| Programme | BCA | SET-B | | | Full Marks : 100 |
| Course | MIS | | | | Pass Marks : 45 |
| | | | | Time | : 3hrs. |

Candidates are required to give their answers in their own words as far as practicable.

The figures in the margin indicate full marks.

Attempt all the questions.

| | | |
|--|--|----|
| 1. | a) Define the quality of information Explain with examples. | 5 |
| | b) What is system? Discuss about types of system? | 5 |
| | c) Discuss about attribute of IS with suitable diagram. Explain system with its feedback control. | 5 |
| 2. | a) Write the role of MIS for modern business manager? Is there any relationship of business application with MIS characteristics? Explain. | 8 |
| | b) Define OHP. Relate OHP with organization force and speed in an organization for smooth functioning? Discuss the various strategies which can meet the objective of an organization. | 7 |
| 3. | What is data mining and its usefulness of it in DBMS? Draw a clear KDD process diagram for data mining system with clear explanation. (5+5+5=15) | 15 |
| or | | |
| | What is hierarchy of data warehouse? Relate DBMS with RDBMS? Explain various kinds of database model. (5+5+5=15) | |
| 4. | a) What is AI? Explain types of AI with suitable example | 8 |
| | b) What do you understand by GDSS? Differentiate DSS with GDSS. | 7 |
| 5. | a) Define terms: information, technology and knowledge in an organization. Write their role in organization. | 8 |
| | b) Explain various the roles of KM in E-business? What are the impacts of dimension of KM? Discuss. | 7 |
| 6. | a) What do you mean by attitude, moral value, ethics and legal issue. | 5 |
| | b) Case study: Toyota | 10 |
| In the aftermath of World War II, the Japanese auto market was nearing destruction. On the other hand, American car manufacturers like Ford and General Motors were crushing it. | | |
| Understanding that something major had to be done in order to keep | | |

**OXFORD****COLLEGE OF ENGINEERING & MANAGEMENT**

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Attempt all the questions.

| | | |
|----|---|----|
| 1. | d) Analyse information. Explain various attributes of information. | 5 |
| | e) Different between data and information. | 5 |
| | f) Explain the various kind of information system. | 5 |
| 2. | a) Interpret MIS in business application. Is there any relationship of business application with MIS characteristics? Explain. | 8 |
| | b) How do you corelate organization force and speed with organization smooth functioning. Discuss the various strategies which can meet the objective of an organization. | 7 |
| 3. | a) Define following terms in DBMS: data, information, field, records, table, file, database, repository, warehouse, DBMS, RDBMS. Also discuss about five important software components of DBMS. Give example to illustrate your answer. (1 x 11 + 4 = 15) OR How do you discover knowledge from data? Use concept of KDD process for it and define data mining and usefulness of it in DBMS. (5+10=15) | 15 |
| 4. | a) What is the importance of DSS? How do you make decision using decision making process? | 8 |
| | b) Differentiate between EIS and DSS with suitable example. | 7 |
| 5. | a) How do you manage three things (Information, Technology, Knowledge) in an organization? | 8 |
| | b) What do you understand by knowledge management in an organization? Explain types of knowledge. | 7 |
| 6. | a) What is the role of ethics in an organization for decision making process? If the employee has not ethical consideration in an organization. What would happen? | 8 |
| | b) What is change management? How can you manage an organization with the application of Dashboard | 7 |
| 7. | Write short note on any two. 2 x 5 c) Metadata and data Mart OLAP d) DSS and GDSS | 10 |
| | c) Technology and Mobility | |