

(DBUS27)

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M.B.A. DEGREE EXAMINATION, MAY – 2018**Second Year****MANAGEMENT OF INFORMATION SYSTEMS****Time : 3 Hours****Maximum Marks :70****SECTION - A****Answer any three questions.****(3 × 5 = 15)****Q1)** a) Information system

b) System design

c) Network

d) Topology

e) SQL

f) PERT

SECTION - B**Answer any three questions.****(3 × 15 = 45)****Q2)** Write a detailed note on information resource management.**Q3)** Discuss in detail about system development life cycle.**Q4)** Explain the concept of designing online & distributed environment.**Q5)** Discuss the current trends in I.T.**Q6)** Explain the concept of query language in detail.**Q7)** Write a note on future trends of DBMS implementation.

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SECTION - C
(Compulsory)**(10)****Q8) Case Analysis:**

ABC Company manufactures 10 cosmetic products through its 24 sales offices throughout India with an average of 5 sales representatives per office. Every week sales reports in each office are tabulated by a clerk to sales representative, product, and customers. The reports are mailed to headquarters they are combined by clerks using calculating machines. The results are then typed and given to marketing research and to management. While top management is studying the reports, marketing research analyzes them and forecasts sales for the next six months. Unfortunately, by the time the management receives the reports, they are from three to six weeks old.

A new system has been devised in which daily sales by salesperson, product and customer are sent over a data communication line from each office to headquarters. A new computer is to be installed to compile and analyse the data and forecast sales. The computer will also handle payroll calculations and replace three clerks in payroll.

The detailed design has been approved by management. The company's system designer is now ready to detail plans for implementation. Nobody in the company has had any experience with computers or computer languages. About 2000 fee or floor space is available at present for the computer centre. The kind of data transmission equipment and computer has not yet been specified.

Provide the ABC Company with a thorough set of plans for implementing their new MIS.

