

5. Explain about history and architecture of internet.
  6. What is meant by ATM? Explain in detail.
  7. Explain in detail on Electronic mail.
  8. Explain about file transfer protocol in detail.
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Reg. No. : .....

**D 1064**

**Q.P. Code : [07 DIT 08]**

(For the candidates admitted from 2007 onwards)

B.Sc. DEGREE EXAMINATION, MAY 2013.

Third Year

Part III — Information Technology

**PRINCIPLES OF DATA COMMUNICATIONS AND NETWORKS**

Time : Three hours

Maximum : 100 marks

Answer any FIVE questions.

(5 × 20 = 100)

1. Explain about Analog and Digital Transmission methods in detail.
2. Explain the various techniques used for transmission error detection and correction.
3. Explain the circuit switching networks and its concept.
4. Explain the following :
  - (a) LAN
  - (b) WAN.

7. (a) Explain functions in PL/SQL. (10)  
(b) Discuss the composite data types of records in PL/SQL. (10)
8. Write a note on the following ;  
(a) View  
(b) Sorting. (10 + 10)
- 

Reg. No. : .....

**D 1065**

**Q.P. Code : [07 DIT 09]**

(For the candidates admitted from 2007 onwards)

B.Sc. DEGREE EXAMINATION, MAY 2013.

Third Year

Part III – Information Technology

RELATIONAL DATABASE MANAGEMENT  
SYSTEMS AND ORACLE

Time : Three hours

Maximum : 100 marks

Answer any FIVE questions.

All questions carry equal marks.

(5 × 20 = 100)

1. (a) Explain relational algebra with an example. (10)  
(b) Explain the integrity rules in detail. (10)
2. (a) Explain about SQL commands. (10)  
(b) Discuss 1 NF and 2 NF in detail with examples. (10)

4. (a) Write note on function procedures with an example. (10)  
(b) Explain about flex grid control. (10)
5. (a) Differentiate option button and checkbox. (10)  
(b) Write short notes on MDI form. (10)
6. (a) Explain the features of RDO in detail. (10)  
(b) Write short notes on custom control. (10)
7. (a) Explain how to create OLE object in detail. (10)  
(b) Explain how to build your own ActiveX controls. (10)
8. (a) Write short notes on control arrays. (10)  
(b) How DAO helps in application development? Explain in detail. (10)

Reg. No. : .....

D 1066

Q.P. Code : [07 DIT 10]

(For the candidates admitted from 2007 onwards)

B.Sc. DEGREE EXAMINATION, MAY 2013.

Third Year

Part III – Information Technology

VISUAL PROGRAMMING

Time : Three hours

Maximum : 100 marks

Answer any FIVE questions.

(5 × 20 = 100)

1. Discuss in detail about file, edit, view, project, format debug, run, tools, add – ins and window menu.
2. Develop a VB program to simulated the working of a simple calculator.
3. (a) Explain the various data types of VB with examples. (10)  
(b) Explain the list box and combo box with suitable examples. (10)

5. (a) Distinguish between active and dynamic web pages in detail. (10)  
(b) Describe the life cycle of a servlet. (10)
6. Discuss :  
(a) Active X  
(b) JSP. (10 + 10)
7. Explain about DHTML in detail. (20)
8. (a) Explain about problems in internet working. (10)  
(b) Write a brief history of the internets. (10)
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Reg. No. : .....

**D 1067**

**Q.P. Code : [07 DIT 11]**

(For the candidates admitted from 2007 onwards)

B.Sc. DEGREE EXAMINATION, MAY 2013.

Third Year

Part III – Information Technology

**WEB TECHNOLOGY**

Time : Three hours

Maximum : 100 marks

Answer any FIVE questions.

(5 × 20 = 100)

1. Explain the layers of OSI model in detail. (20)
2. Explain the features of TCP in detail. (20)
3. Explain the following :  
(a) FTP  
(b) TFTP. (10 + 10)
4. (a) Describe the concept of 'IP address'. (10)  
(b) Distinguish between port and socket in detail. (10)