

26/11/2014

QP Code : 17616

(3 Hours)

[Total Marks : 60

N.B : (1) Question 1 is compulsory.

(2) Attempt any four questions from Question No. 2 to 10 carry equal marks.

1. Explain how computerization will help your department to perform efficiently for better analysis, planning and decision taking. 20
2. Answer any two :- 10
 - (a) What is Database Management System (D.B.M.S.)? What are the different types of Database? ..
 - (b) What are the advantages of Database Management System over File Management System?
 - (c) What is Normalisation? Explain its advantages ?
3. Answer any two :- 10
 - (a) What is Operating System? Explain its functions.
 - (b) Explain the different stages of System Development Life Cycle (S.D.L.C.)
 - (c) Describe different types of data processing.
4. Answer any two :- 10
 - (a) Define Networking and the three essential conditions without which networking cannot be formed.
 - (b) Explain the different services provided by Networking.
 - (c) What is Local Area Network and Wide Area Network?
5. Answer any two:- 10
 - (a) What is Open System Interconnect (O.S.I.) Layers and TCP/IP
 - (b) Name the different O.S.I. Layers.
 - (c) What is Topology in Networking? Describe in brief the different topologies.
6. Answer any two :- 10
 - (a) Explain in brief the different generations of programming languages.
 - (b) Explain in brief the different generations of computer evolution.
 - (c) What are Compiler and Interpreter? Explain the difference between them.
7. Explain the differences between: (any two) 10
 - (a) Hub and Switch
 - (b) Intranet and Extranet
 - (c) E-Commerce and E-Business
 - (d) Batch Processing and Online Processing.

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BB-Con. 8234-14.

8. Answer any two :

- (a) Convert Decimal No.25 to Binary
Decimal No. 36 to HexaDecimal
- (b) Explain E- Commerce and E-Business
- (c) Discuss in brief Types of knowledge and Websites.

9. Answer any Two

- (a) What is Management Information System (M.I.S.)?
- (b) Which are the points to be taken care of at the time of designing M.I.S.
- (c) Write the different reports in your functional area of your organization

10. Write short notes on any three :

- (a) Numbering System
 - (b) Internet
 - (c) Router
 - (d) Data warehousing
 - (e) WEB
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26-11-13

21-11-13-DTP7-RM-5

Con. 9307-13.

Intro to Comp - University Exam

BB-14613

3 (3 Hours)

[Total Marks : 100

- N.B. : (1) Answer any five questions.
(2) Evaluation will be on the basis of contents and presentation

1. Explain in detail, various stages, in system development life cycle. 20
2. (a) Explain different generations of computer. 10
(b) Explain different generations of Programming Languages. 10
3. (a) What is Database Management System ? Explain in brief different types of Database System. 10
(b) Explain briefly, advantages of DBMS over file Management System. 10
4. (a) Explain in brief, what you mean by Networking. Also write different services provided by Networking. 10
(b) Explain with neat diagram, different topologies in Networking with their advantages and disadvantages. 10
5. (a) What is Internet ? Explain in brief different services provided by Internet. 10
(b) How your organisation can use Internet to improve its performance ? 10
6. Explain how IT contributes towards increasing the productivity of (any two). 20
(i) Marketing
(ii) Finance
(iii) HR
(iv) Purchase.
7. Write short notes on (any four) :- 20
(i) Email
(ii) Data Warehousing
(iii) ERP
(iv) CRM
(v) SCM
(vi) Web.
8. Explain difference between :- 20
(i) Batch Processing and Online Processing.
(ii) Interpreter and Compiler.
(iii) Intranet and Extranet.
(iv) Hub and Switch.
9. (a) What is operating system ? Write its functions. 10
(b) Briefly explain different Layers of Open System Interconnect (OSI). 10

Con. 9353-12.

BB-4167

(3 Hours)

[Total Marks : 100

N.B. : (1) Attempt any **five** questions.(2) **Each** question carries **20** marks.

1. (a) Explain the generations of programming languages. 10
 (b) Define operating system. Also, explain its functions and types. 10
2. Explain, in detail, generations of computers. 20
3. Explain the various stages of system Development Life Cycle. 20
4. What is network topology ? Explain types of network topologies. 20
5. What is internet ? How does it work ? What are different uses of internet technology in business ? 20
6. Write short note on (any **four**) :— 20
 (a) Modem
 (b) Router
 (c) Online Processing
 (d) CRM
 (e) Extranet.
7. What is DBMS ? What are the functions of DBMS ? Also, explain advantages of DBMS. 20
8. Citing example of any functional area (HR, Finance or Marketing), explain how information technology has revolutionised the business practices. 20
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Con-5872-11.

BB-2077

(3 Hours)

[Total Marks : 100

- N.B. : (1) Attempt any five questions.
(2) All questions carry equal marks.

- 1) a) Why is feasibility analysis necessary before designing a system? Explain in detail the terms Economics, Technical and rational feasibility. (10)
b) Write a note on the role of a systems analyst. What technical and other attributes are required by an analyst to be effective in his role. (10)
- 2) Computerization helps various departments in a company perform better. Explain with examples from finance, marketing and human resources. (20)
- 3) What do you understand programming? Describe the features of programming language. Name any five programming languages. (20)
- 4) (a) Highlight some of the key differences between applications designed for the web/internet vis-à-vis conventional applications. (10)
(b) Why is Internet called the Network of Networks. Explain how it works. (10)
- 5) Explain in brief the basic purpose and principle of working for the following:
- a. Router (5)
 - b. Modem (5)
 - c. Browser (5)
 - d. Hub (5)
- 6) Write short notes on :
- a) Operating systems (5)
 - b) Input devices (5)
 - c) Second generation computers (5)
 - d) Motherboard (5)
- 7) With respect to internet explain the following:
- a) HTML (5)
 - b) URL (5)
 - c) Homepage (5)
 - d) Search Engine (5)
- 8) Differentiate between:
- a) Fiber optic cable and Copper cable. (5)
 - b) Batch processing and Online processing. (5)
 - c) Centralised and Distributed processing. (5)
 - d) System software and Application software. (5)

N.B: (1) Attempt any FIVE questions

(2) All questions carry equal marks

1. Using specific examples, describe how computerization would help your department perform more efficiently and effectively, Also explain how computerization will help better decision-making, analysis and planning? 20

2. Internet Technology and Electronic Commerce has brought the manufacturers and customers very close to each other. This should result into better Customer Relationship Management and Supply Chain Management. Explain 20

3. What are the stages in a System Development Life Cycle? Describe the activities in each stage? 20

4. Explain the evolution of Programming Languages from Machine to Natural Languages? Explain features of any one programming language. 20

5. Explain the Generations of Computers. 20

6. What are System Software and Application Software? Enumerate the various System Software and Application software which you have come across and explain its basic functions? 20

7. Write short notes on:

- a) DBMS 5
- b) System Analyst 5
- c) Types of network topologies 5
- d) HTML 5

8. Differentiate between:-

- a) Interpreter and Compiler 5
- b) Intranet and Extranet 5
- c) Laser Printer v/s Dot Matrix Printer 5
- d) Batch processing and online processing 5