



(Following Paper ID and Roll No. to be filled in your Answer Book)

PAPER ID : 150219

Roll No.

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B.Pharm.

(SEM II) THEORY EXAMINATION, 2014-15 **COMPUTER FUNDAMENTALS & PROGRAMMING**

Time : 3 Hours]

[Total Marks :

1 Attempt all questions: **1×14=14**

- (1) Write names of four operating system,
- (2) What are different types of software?
- (3) Give name of a GUI based operating system
_____.
- (4) a._____ b._____ are two types of computers.
- (5) Give the difference between super and mainframe computer.
- (6) A digital computer works on _____.
- (7) Basic difference between ROM and RAM.
- (8) What are input devices? Give examples.

- (9) What is CPU?
- (10) What is secondary storage ?
- (11) Two basic functions of operating system are ____.
- (12) What does the word computer network means?
- (13) Explain the term DBMS.
- (14) What is computer? Give its types.

2 Attempt **any six** questions: **4×6=24**

- (1) What is an operating system? List various types of operating systems.
- (2) Explain the terms:
 - (a) Bridges
 - (b) Repeaters
 - (c) Routers
 - (d) Gateways
- (3) Explain computer classification in detail.
- (4) Differentiate between primary and secondary memory.
- (5) Define the term software and hardware, Also explain system and application software.
- (6) Write about different components of computer.
- (7) Write short note on:
 - (a) LAN, MAN, WAN
 - (b) Network topology

3 Attempt **any four** questions:

4×8=32

- (1) Explain the difference between internal and external commands in Ms-Dos.
 - (2) What is database? Explain steps to create a database in Ms-Access.
 - (3) What is Database model? Explain with example.
 - (4) Explain different types of database languages in detail.
 - (5) Discuss in detail the use of computer and internet in clinical studies and pharmaceutical industries.
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