

08.06.15 (ASTU Reg.) - 4th Sem.

Total No. of printed pages = 5

PY 132407

Roll No. of candidate

Institute of									
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B. Pharm 4th Semester End-Term Examination

COMPUTER APPLICATION

Full Marks - 100 Pass Marks - 35 Time - Three hours

The figures in the margin indicate full marks  
for the questions.

1. Multiple choice questions. Answer all questions.

2×6=12

(a) Which of the following is used as input device in computer ?

(i) Keyboard (ii) Printer

(iii) Hard Disk (iv) VDU

(b) Which of the following is single user multitasking operating system ?

(i) MS-DOS (ii) Windows XP

(iii) LINUX (iv) UNIX

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(c) Binary numbering system supports

- (i) 0 to 9
- (ii) 0 and 1
- (iii) 0 to 9 and A to F
- (iv) None of the above.

(d) Which of the following is related to file transfers across the network ?

- (i) TCP / IP      (ii) Telnet
- (iii) CSMA / CD   (iv) FTP

(e) One of the disadvantage of RAM is —.

- (i) slow
- (ii) bulky
- (iii) volatile
- (iv) more power consuming

(f) Which language computer can understand and execute ?

- (i) SQL
- (ii) Application Software
- (iii) Machine language
- (iv) None of the above.

2. Short type questions. Answer all questions.

3×6=18

- (a) What is operating system ?
- (b) Describe how a folder can be created in Windows operating system.
- (c) Convert any Octal number into Binary numbering system.
- (d) Describe computer storage device with example.
- (e) Why SMPS being used in CPU ?
- (f) What is TREE in MS-DOS ?

3. Answer any *eight* questions :      5×8=40

- (a) Describe five essential components of network.
- (b) What do you understand regarding secondary storage device ?
- (c) Describe sizewise computer classification.
- (d) Describe the differences between Assembly Language and High Level Language.



(e) Describe different characteristics of Programming Language.

(f) Describe Internet Browsers with some examples.

(g) What is Looping in programming language? Describe different looping in C programming language.  $2+3=5$

(h) What is Software? Describe different types of software with example.  $2+3=5$

(i) Describe the differences between LAN, MAN and WAN.

(j) What is computer memory? Describe different types of computer memory.  $2+3=5$

4. Answer any *three* questions (descriptive type):  $3 \times 10 = 30$

(a) What is computer? Discuss different components of computer system. Describe the working principle of computer system.  $2+3+5=10$

(b) Write short notes on :  $2\frac{1}{2} \times 4 = 10$

(i) First Generation Computer

(ii) Mother Board

(iii) LINUX Operating System

(iv) Printer.

(c) What is computer network? Briefly describe different types of network. Explain the different characteristics of Local Area Network (LAN).  $2+3+5=10$

(d) What is Internet? Why it is very essential for now-a-days? Name at least five important website in pharmaceutical research and development.  $2+4+4=10$