

07/06/16

Total No. of printed pages = 5

PY 132407

Roll No. of candidate

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2016

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.A. Multiple choice questions. Answer *all*
questions : $2 \times 6 = 12$

(a) SMPS stands for

- (i) Switch Mode Power Supply
- (ii) Self Module Power Supply
- (iii) Safe-Mode Power Supply
- (iv) None of these

(b) What is protocol ?

- (i) A message
- (ii) Rules that have been set
- (iii) A code
- (iv) A program

[Turn over

(c) Which of the following is not hardware ?

- (i) Magnetic tape
- (ii) Printer
- (iii) VDU terminal
- (iv) Assembler

(d) Which of the following computer accepts signal and digits as input ?

- (i) Analog computers
- (ii) Digital computers
- (iii) General computers
- (iv) Hybrid computers

(e) Maximum how many options can be selected from a check box list ?

- (i) As many as required
- (ii) None
- (iii) One
- (iv) Two

(f) Dot matrix is a type of

- (i) Tape
- (ii) Define Bus
- (iii) Disk
- (iv) Printer

B. Short type questions. Answer any *six* questions : $3 \times 6 = 18$

- (a) What is computer ?
- (b) Convert any decimal number into binary numbering system.
- (c) Define computer memory with example.
- (d) Describe how a folder can be created in MS DOS.
- (e) Describe Hardware.
- (f) Define Operating System with example.
- (g) Classify networking system. Briefly explain different types of networking system.

2. Answer any *eight* questions : $5 \times 8 = 40$

- (a) What are the major objectives of networking?
- (b) Discuss in brief different characteristics of computers.
- (c) Discuss different classification of Operating System.

- (d) Discuss different characteristics of C programming language.
- (e) Discuss different classification of computer network.
- (f) Describe working principle of computer.
- (g) Describe printer with its classification.
- (h) Define Software. Describe the classification of software.
- (i) Describe the differences between LAN and WAN.
- (j) Describe different components of computer.

3. Answer any *three* questions. (Descriptive type) :

10×3=30

- (a) What is Operating System ? Discuss different features of Operating System. 2+8=10
- (b) Discuss different applications of computer in pharmaceutical and clinical studies. 10

(c) Write short notes on : 2.5×4=10

- (i) Scanner
- (ii) Modem
- (iii) CPU
- (iv) Windows Operating System.

(d) Describe looping in programming language. Explain different types of looping in C programming language. 4+6=10