

Q.P. Code: 107008

Reg.No.....

**First B.Pharm (Ayurveda) Degree Supplementary Examinations,
April 2017**

BASIC ELECTRONICS AND COMPUTER APPLICATION

Time: 3 hrs

Max marks: 100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essays:

(2x10=20)

1. Explain the working of P-N junction diode in forward bias and reverse bias.
2. Explain digital computer architecture with diagram

Short Notes:

(10x5=50)

3. P- type semiconductors
4. RAM and ROM
5. Applications of photodiode.
6. Variable and constants.
7. System software and application software
8. Half wave rectifier.
9. Any five functions available in MS-Excel
10. Compiler and interpreter
11. Computer graphics applications
12. A sample C program and explain working.

Answer briefly:

(10x3=30)

13. Operating system and its functions
14. Analog, digital and hybrid computers
15. Printf and scanf in C program.
16. UNIX commands (a) cp (b) mv (c) ls
17. Expand the following: • DVD • WWW • RAM
18. Doping.
19. Super computer
20. Query to retrieve the names of students in a class. (Hint : Database : Student, Table :
Class, Field : Name)
21. Discuss on tree, stack and queue
22. High level language
