

Q.P.Code: 107008

Reg.No.....

First B.Pharm (Ayurveda) Degree Examinations, October 2015

BASIC ELECTRONICS AND COMPUTER APPLICATION

Time: 3 hrs

Max marks: 100

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

Essays :

(2X10=20)

1. Explain the movements of electrons and holes in P-N junction
2. Explain about the history and development of computers.

Short Notes:

(10X5=50)

3. Intrinsic semiconductors
4. RAM and ROM
5. Explain LAN,WAN,MAN
6. What is meant by a variable. What are the different rules for variable naming.
7. Differentiate hardware and software.
8. How p-type and n-type semiconductors are formed.
9. What are the different types of functions available in MS-Excel.
10. Differentiate between high level and low level languages.
11. Applications of computer graphics in pharmacy.
12. Operators in 'C' with suitable examples.

Answer briefly:

(10X3=30)

13. What is an operating system and explain any one example of operating system.
14. Three main classifications of computers.
15. List the features of LED that makes it widely applicable.
16. Mention any three UNIX commands and its use.
17. Uses of following statements in BASIC. • LET • PRINT • INPUT
18. Working of photodiode.
19. Main frame computer
20. Design a database table. Mention a query to retrieve the names of drugs in a hospital pharmacy database.
21. Different data structures.
22. User defined functions
