

11. Explain different types of networks.

**PART-C**

**UNIT - I**

12. Explain different types of input and output devices.

**UNIT - II**

13. Write short note on :

- (a) Memory organization
- (b) Machine language

**UNIT - III**

14. Explain different types of software.

**UNIT - IV**

15. Write short note on :

- (a) Real time system
- (b) Time sharing system
- (c) Distributed computer system
- (d) Moore's Law

**UNIT - V**

16. Explain layers of OSI model.

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**B.C.A. I Year Examination, 2015**

Paper-I

(Introduction to Information Technology)

Time : Three Hours  
Maximum Marks : 100

**PART - A ( खण्ड-अ )** [Marks : 20]

Answer all questions (50 words each).

All questions carry equal marks.

सभी प्रश्न अनिवार्य हैं। प्रत्येक प्रश्न का उत्तर पचास शब्दों से अधिक न हो।  
सभी प्रश्नों के अंक समान हैं।

**PART - B ( खण्ड-ब )** [Marks : 50]

Answer five questions (250 words each).

Selecting one from each unit. All questions carry equal marks.

प्रत्येक इकाई से एक-एक प्रश्न चुनते हुए, कुल पाँच प्रश्न कीजिए।

प्रत्येक प्रश्न का उत्तर 250 शब्दों से अधिक न हो।

सभी प्रश्नों के अंक समान हैं।

**PART - C ( खण्ड-स )** [Marks : 30]

Answer any two questions (300 words each).

All questions carry equal marks.

कोई दो प्रश्न कीजिए। प्रत्येक प्रश्न का उत्तर 300 शब्दों से अधिक न हो।

सभी प्रश्नों के अंक समान हैं।

**PART-A**  
**UNIT - I**

1. (i) What are analog computers ?
- (ii) What is the binary equivalent of 50 ?

**UNIT - II**

- (iii) What do you understand by Read Only Memory ?
- (iv) What do you understand by motherboard ?

**UNIT - III**

- (v) What do you understand by RISC ?
- (vi) What is programming language ?

**UNIT - IV**

- (vii) What do you understand by OS ?
- (viii) What do you understand by data management system?

**UNIT - V**

- (ix) What is URL ?
- (x) What do you understand by internet protocol ?

**PART-B**

**UNIT - I**

2. Write down the characteristics of computers ?
3. Explain different types of computers on the basis of their size.

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**UNIT - II**

4. Explain different types of memory.

5. Write short notes on :

- (a) Magnetic Tape
- (b) Magnetic Disk

**UNIT - III**

6. Explain the concept of virtual memory.
7. Explain different types of programming language.

**UNIT - IV**

8. Write down the main features of first generation computers?
9. Why database management system is better than traditional file system ?

**UNIT - V**

10. Write short note on :

- (a) Web browsers
- (b) IP address

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P.T.O.