

प्रश्न-पत्र पर क्रमांक (रोल नम्बर) के अतिरिक्त कुछ भी न लिखें, अन्यथा इसे अनुचित साधनों का प्रयोग माना जायेगा तथा नियमों के अनुसार कार्यवाही की जायेगी।

"Do not write anything on question paper except Roll Number, otherwise it shall be deemed as an act of indulging in unfair means and action shall be taken as per rules."

Roll No. 1704\_B.C.A.\_900

B.C.A. (I)

1704

Fund. of Comput.

B.C.A. (Part-I) Examination 2019

Paper-IV

BCA-104: FUNDAMENTAL OF COMPUTERS

Time Allowed - Three Hours

Maximum Marks - 80

नोट :- (1) प्रश्न संख्या एक अनिवार्य है। शेष प्रश्नों में से किन्हीं चार को हल कीजिये।

(2) सभी प्रश्नों के अंक समान हैं।

Note:- (1) Question No. 1 is compulsory. Attempt any **FOUR** questions from the remaining questions.

(2) All questions carry equal marks.

1704\_B.C.A.\_900

(01)

Contd.

1/20/16

1. Answer all questions in computer. (20)
  - a) What is a computer? (2)
  - b) Write any 3 names of storage devices. (3)
  - c) What is a network? (2)
  - d) Write full form of ADC and DAC. (2)
  - e) What is operating system? (2)
  - f) Explain Modulation. (2)
  - g) What is FAT? (2)
  - h) What is Virus? (2)
2. a) What is computer? Explain characteristics and limitations along with types of Computers. (8)
  - b) Explain types of memory? Differentiate RAM and ROM. (8)
3. a) Explain the physical structure of a disk. (8)
  - b) What is operating system? Explain its functions and types. (8)
4. a) What is DBMS? Explain the characteristics and use of it? (8)

B.C.A\_900

(02)

Contd.

5. Write short notes on following. (4x3=12)
- a) CPU
- b) S/W
- c) File system
- d) Multi programming.

6. Write down difference between: (4x3=12)
- a) Master and slave
- b) Full duplex and Half duplex.
- c) Machine and Assembly language
- d) RAM and ROM.

7. a) What is Network? Explain types of Connections? (8)
  - b) What is Topology? Explain all the topologies. (8)
  8. a) What is Communication Channels? Explain any two communication channels. (8)
  - b) What is Modem? Explain its working. (8)
9. Write short notes on following. (any four) (4x3=12)
  - a) Booting process.
  - b) Internal and External Commands
  - c) Xcopy and DISK copy.
  - d) FORMAT command
  - e) Naming rules.

1704\_B.C.A\_900

(03)

089425