



1475/I

B.C.A. (PART-I) 1ST SEMESTER EXAMINATION, 2021-22

B.C.A.

IT TOOLS AND APPLICATIONS

BCA-101

Paper : I

0134

Time : 3 Hrs.
समय : 3 घण्टे

Max. Marks : 70
अधिकतम अंक : 70

अनुक्रमांक (अंकों में) :

Roll No. (In Figures)

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अनुक्रमांक (शब्दों में) :

Roll No. (In Words) :

अभ्यर्थी का नाम :

Student Name :

कक्ष परिप्रेक्षक के हस्ताक्षर / Invigilator's Signature :

- Note : (i) Answer *five* questions in all.
(ii) Question No.1 is compulsory.
(iii) Answer *two* questions from Section A and B each.
(iv) All Questions carry equal marks.

1. Answer all parts of the following :
- (a) What is the full form of ASC-II Code and its use ?
 - (b) Define storage evaluation criteria of memory.
 - (c) How DOS differs from windows ?
 - (d) What do you mean by MS Word and describe any two features of MS Word ?

SECTION-A

2. Enumerate the components of multimedia and explain in brief. Enlist the commonly used file formats of multimedia files.
3. What is the difference between system and application software ? Describe different types of application software.
4. Convert following :
- (i) $(010101)_2 = (?)_8$
 - (ii) $(377)_8 = (?)_2$
 - (iii) $(2565)_8 = (?)_{16}$
 - (iv) $(7BD)_{16} = (?)_2$
5. Draw a block diagram depicting the four functional units of a computer system. Describe the characteristics of computer.

SECTION-B

6. (a) Define RAM, ROM and Cache memory.
(b) Describe various components of windows desktop.
7. (a) How information technology is going to impact Indian Education system ?
(b) What is the difference between internal and external DOS commands ? List any two commands for internal as well as external DOS commands.
8. (a) What is operating system and discuss its need in a computer.
(b) Describe the different views available in presentation software.
9. Write notes on any two of the following :
- (a) I/o devices of computer
 - (b) Character and paragraph formatting in Word processing
 - (c) Animation