



Seat No.	
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SA - 420

Total No. of Pages : 2

**BCA (Part - I) (Semester - I) (Faculty or Commerce) Examination,
April - 2019**

FUNDAMENTALS OF COMPUTERS

Sub. Code : 59569

Day and Date : Saturday, 20 - 04 - 2019

Total Marks : 80

Time : 10.30 a.m. to 01.30 p.m.

- Instructions :**
- 1) Each Question carries 16 marks.
 - 2) Solve any **FOUR** questions from Q. 1 to Q. 7.
 - 3) Question 8 is compulsory.

- Q1) a)** What is computer? Explain Organization of computer. [8]
b) Explain different types of printers. [8]
- Q2)** What is O.S.? Explain different types of operating system in detail. [16]
- Q3) a)** What is Input device? Explain any two Input devices. [8]
b) Explain decimal and octal number system. [8]
- Q4)** What is Memory? Explain the types of primary and secondary memory with their features. [16]
- Q5) a)** Define Compiler. Write the difference between compiler and interpreter. [8]
b) Explain any four internal and external DOS commands with its syntax. [8]
- Q6) a)** Convert the following : [8]
i) $(645)_8 = (?)_{10}$
ii) $(110101)_2 = (?)_8$
b) Describe the applications of computer in different field [8]

P.T.O.

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Q7) a) What are the different computer languages? Describe advantages and limitations of assembly language. [8]

b) What are the characteristics of good computer language? [8]

Q8) Write notes on - (Any Four) [16]

a) Components of windows desktop

b) Notepad

c) ASCII

d) Paint

e) Magnetic Tape

