Total No. of Questions—5]　　　　　　　[Total No. of Printed Pages—3

Seat
No.

[5163]-101

B.C.A. (First Semester) EXAMINATION, 2017

101 : MODERN OPERATING ENVIRONMENT AND MS-OFFICE

(2013 PATTERN)

Time : Three Hours　　　　　　　　　　**Maximum Marks : 80**

N.B. :— (*i*)　*All* questions are compulsory.

(*ii*)　Figures to the right indicate full marks.

(*iii*)　Draw neat diagrams wherever necessary.

1.　Answer the following (any *eight*) :　　　　　　　[16]

(*a*)　Define hardware.

(*b*)　What is the purpose of address bus ?

(*c*)　State names of any *two* input devices.

(*d*)　Write full forms of the following :

　　　(*i*)　PROM

　　　(*ii*)　EPROM.

(*e*)　Define Compiler.

(*f*)　What is time sharing operating system ?

(*g*)　Define MAN.

(*h*)　What is a Query ?

(*i*)　Write features of MS-Excel.

(*j*)　Define flowchart.

P.T.O.

2. Answer the following (any *four*) : [16]

(*a*) Explain generations of computer.

(*b*) Explain the bus structure of digital computer.

(*c*) Differentiate between primary and secondary memory.

(*d*) Define output device. Explain any *one* in detail.

(*e*) Draw a flowchart to print odd numbers between 1 to 50.

3. Answer the following (any *four*) : [16]

(*a*) Define operating system. Explain its characteristics.

(*b*) Draw diagram of coaxial cable and explain.

(*c*) Write a note on mail merge.

(*d*) Write an algorithm to print maximum of three numbers.

(*e*) Write a note on Internet.

4. Answer the following (any *four*) : [16]

(*a*) Write a note on applications of computer in various fields.

(*b*) Draw and explain block diagram of computer.

(*c*) Explain keyboard in detail.

(*d*) Write a note on magnetic tape.

(*e*) What is an algorithm ? Explain its characteristics.

[5163]-101 2

5. Answer the following (any *four*) : [16]

(*a*) Write a note on LINUX operating system.

(*b*) Differentiate between LAN and WAN.

(*c*) Explain different types of charts used in MS-Excel.

(*d*) What is Booting ? Explain types of booting.

(*e*) Write a note on MS-PowerPoint.