PAPER - 8.1
INFORMATION TECHNOLOGY (Theory)

Date: 16.12.2014
Time: 2.00 p.m. to 3.30 p.m
Max Marks: 50
Duration: 1 ½ Hrs

Instructions:
1. From Part “A” answer all the questions (compulsory). Each sub-question carries 1 mark. Total marks = 10
2. From Part “B” answer any FOUR questions out of nine questions. Each sub-question carries 10 marks. Total marks = 40
3. Answers should be precise, brief and to the point.

PART – A
(1 x 10 = 10 marks)

Q1. Select the correct answer

1.1 The name of the cycle that describes computer’s processing of data is
   a) Processing cycle
   b) Cyber phobia cycle
   c) IPOS cycle
   d) Information cycle

1.2 Which of the following devices can store small amount of data?
   a) Pen Drive
   b) Floppy Disk
   c) Zip Drive
   d) Magnetic Tape

1.3 A new window can be opened using the following option:
   a) CTRL+M
   b) CTRL+S
   c) CTRL+N
   d) CTRL+Q

1.4 A new slide in presentation can be inserted using
   a) CTRL+M
   b) CTRL+S
   c) CTRL+N
   d) CTRL+Q

1.5 To insert a footer in word document, we can choose
   a) Insert -> Break
   b) View -> Header and Footer
   c) Format -> Paragraph
   d) Tools -> Macro

1.6 DHTML is a
   a) Web language
   b) Machine language
   c) OS language
   d) Memory language
1.7 The software required to type on the computer is
   a) Application Software  b) Microsoft Word
   c) Programs  d) Operating System

1.8 Which keyboard is most commonly used?
   a) QWERTY  b) DVORAK
   c) MEMBRANE-SWITCH  d) OPTICAL

1.9 Octal equivalent of the binary number 111 is
   a) 6  b) 5
   c) 7  d) 4

1.10 One mega byte of memory is equal to
   a) 1000 bytes  b) 1024 bytes
   c) 1012 bytes  d) 1008 bytes

PART- B

Any four from the following:  (4 x10 =40 marks)

Q2. Discuss about the different features of database systems.

Q3. Explain the different modes of data transmission in a computer network.


Q5. Explain TYPE and COPY commands of DOS.

Q6. Explain with neat sketches star and ring topology of computer networking.

Q7. Discuss characteristics of computers.

Q8. What are an interpreter and a compiler?

Q9. What is the role of operating system?

Q10. Explain the stages in the development of a web page.

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