

ROLL No.....

NATIONAL COUNCIL FOR HOTEL MANAGEMENT  
AND CATERING TECHNOLOGY, NOIDA  
ACADEMIC YEAR - 2013-2014

COURSE : 1<sup>st</sup> Semester of 3-year B.Sc. in H&HA  
SUBJECT : Application of Computers  
TIME ALLOWED : 02 Hours MAX. MARKS: 50

(Marks allotted to each question are given in brackets)

- Q.1. With the help of a chart classify computers in detail. (10)
- Q.2. List the internal and external commands with syntax of MS-DOS.  
OR  
Briefly describe the characteristic features of input and output devices of a computer system. (10)
- Q.3. Define topology. Explain types of topologies and network applications in detail. (10)
- Q.4. Draw the MS-Word Window Screen Label and write about the parts of MS-Word Window.  
OR  
What do you mean by Data Communication Channels? Discuss different channels with their features. (5)
- Q.5. Distinguish between:  
(a) Interpreter and Compiler  
(b) System software and Application software  
(c) Primary storages and Secondary storages  
(d) MAN and WAN  
(e) Hardware and Software (5x1=5)

Q.6. Expand the following (**any five**):

- (a) BIOS
- (b) HTTP
- (c) BASIC
- (d) FORTRAN
- (e) ALU
- (f) MODEM
- (g) EPROM
- (h) URL

(5x1=5)

Q.7. A Fill in the blanks:

- (a) \_\_\_\_\_ is a command based Prompt System.
- (b) A translator is a \_\_\_\_\_ Software.
- (c) \_\_\_\_\_ computers support 10,000 terminals at a time.
- (d) High level languages can be translated into machine code by \_\_\_\_\_.
- (e) Personal computers are also called \_\_\_\_\_.

B State True or False:

- (i) Memory of a computer is a part of hardware.
- (ii) Electric pen is an output device.
- (iii) GUI means Graphical User Interface.
- (iv) Each high level language requires its own translator.
- (v) NIC stands for Normal Interface Cards.

(2 ½ + 2 ½ =5)

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ROLL No.....

NATIONAL COUNCIL FOR HOTEL MANAGEMENT  
AND CATERING TECHNOLOGY, NOIDA  
ACADEMIC YEAR – 2014-2015

COURSE : 1<sup>st</sup> Semester of 3-year B.Sc. in H&HA  
SUBJECT : Application of Computers  
TIME ALLOWED : 02 Hours MAX. MARKS: 50

(Marks allotted to each question are given in brackets)

Q.1. Explain Data Entry & output devices. Give examples of each. (10)

Q.2. Write short notes on:  
(a) Difference between hardware and software. (b) Types of printers.  
**OR**  
(a) Classification of computers. (b) Parts of a Window. (5+5=10)

Q.3. Expand any **five** of the following terms:  
(a) URL (b) LED (c) OLE (d) MIPS (e) BIOS  
(f) FAT (g) BCD (h) NIC (i) KB (j) HDD (5x1=5)

Q.4. Give **two** examples of each:  
(a) High Level Languages  
(b) Secondary storage devices  
(c) Cable  
(d) Wild card characters  
(e) Non-Impact printers (5x1=5)

Q.5. Give DOS command for **any five** of the following:  
(a) To clear the screen  
(b) To format a drive  
(c) To delete the existing file  
(d) To remove a sub-directory  
(e) To sort the contents of the file  
(f) To display the version of operating system  
(g) To prepare a new hard disk (5x1=5)

Q.6. State True or False:  
(a) MS PowerPoint is a part of windows operating system.  
(b) Menu contains list of related commands.  
(c) Printer is an output device.  
(d) In MS-EXCEL, the formula always starts with an "equal to" sign.  
(e) Internet explorer is a browsing tool. (5x1=5)

Q.7. Match the following:  
(a) Nibble (i) Network cable  
(b) Speech recognition (ii) 4 bits  
(c) Windows (iii) 0's and 1's  
(d) Machine Language (iv) Input device  
(e) ETHERNET (v) Operating system (5x1=5)

Q.8. Fill in the blanks.  
(a) The Base of binary number system is \_\_\_\_\_.  
(b) \_\_\_\_\_ translates the program line by line.  
(c) Dir is a \_\_\_\_\_ command.  
(d) The default opening screen of a window is called \_\_\_\_\_.  
(e) All deleted files will be found in \_\_\_\_\_. (5x1=5)

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ROLL No.....

NATIONAL COUNCIL FOR HOTEL MANAGEMENT  
AND CATERING TECHNOLOGY, NOIDA  
ACADEMIC YEAR – 2015-2016

COURSE : 1<sup>st</sup> Semester of 3-year B.Sc. in H&HA  
SUBJECT : Application of Computers  
TIME ALLOWED : 02 Hours MAX. MARKS: 50

(Marks allotted to each question are given in brackets)

- Q.1. What is topology? Explain with diagram. (10)
- Q.2. Write short notes (**any two**): (2x5=10)
- Operating system
  - Fourth Generation Computer
  - Components of CPU
- Q.3. Differentiate between High level and Low Level Languages.  
OR  
Differentiate between Impact and Non-impact printer. (5)
- Q.4. Give two examples of each (**any five**): (5x1=5)
- |                          |                            |
|--------------------------|----------------------------|
| (a) GUI Operating system | (b) Optical Storage Device |
| (c) Web Browser          | (d) Output Device          |
| (e) Monitor              | (f) DOS Internal Commands  |
| (g) Protocol             |                            |
- Q.5. Expand **any five** of the following terms: (5x1=5)
- |           |           |           |           |
|-----------|-----------|-----------|-----------|
| (a) UPS   | (b) ASCII | (c) BASIC | (d) COBOL |
| (e) EPROM | (f) LCD   | (g) SMPS  | (h) MICR  |
- Q.6. Give DOS commands to perform the following from root directory: (5x1=5)
- Create a batch file ABC in C drive WINDOWS directory
  - Rename a file PGDM from IHM directory to PGDAO
  - Display all files from C:\IHM directory having extension as.EXE
  - Delete all files from C:\IHM directory
  - Hide file IHM.TXT from C:\WINDOWS directory

- Q.7. State True or False: (5x1=5)
- Dot Matrix is an example of non-impact printer
  - Windows explorer is used for browsing
  - JAVA is an operating system
  - Extension of notepad file is .TXT
  - MS Office is an example of application software
- Q.8. Fill in the blanks: (5x1=5)
- Example of a volatile memory is \_\_\_\_\_.
  - One byte is equals to \_\_\_\_\_ bit.
  - \* and ? is an example of \_\_\_\_\_ in DOS.
  - Printer is an \_\_\_\_\_ device.
  - Extension of MS-PowerPoint file is \_\_\_\_\_.

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NATIONAL COUNCIL FOR HOTEL MANAGEMENT  
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ACADEMIC YEAR – 2016-2017

COURSE : 1<sup>st</sup> Semester of 3-year B.Sc. in H&HA  
SUBJECT : Application of Computers  
TIME ALLOWED : 02 Hours MAX. MARKS: 50

(Marks allotted to each question are given in brackets)

- Q.1. Discuss Network Topology. Enlist the various network software. Explain **any one** in detail. (4+2+4=10)  
OR  
Draw block diagram of computer and explain components of computer. (5+5=10)
- Q.2. Explain the Generations of computer.  
OR  
What are the limitations of computers? (10)
- Q.3. Discuss the features of Ms-Office.  
OR  
List **any ten** internal and external DOS commands with examples. (10)
- Q.4. Differentiate between the following:  
(a) Interpreter and Compiler  
(b) Primary Memory and Secondary Memory  
(c) System Software and Application Software  
(d) Impact and non-impact printer  
(e) Internet Browser and Email provider (5x3=15)
- Q.5. A Match the following:  
(i) Cray (a) Output Device  
(ii) Printer (b) 1024 Bytes  
(iii) Barcode (c) 1 and 0  
(iv) One Mega Byte (d) Super computer  
(v) Binary Number (e) 1024 bits  
(f) Printed patterns of lines
- B Fill in the blanks:  
(i) \_\_\_\_\_ is a software code to find faults in processing.  
(ii) Ctrl, shift and Alt are also known as \_\_\_\_\_ keys.  
(iii) Hard disk drive is \_\_\_\_\_ storage.  
(iv) Machine uses \_\_\_\_\_ language.  
(v) To reload a webpage \_\_\_\_\_ button is pressed.

(2 ½ + 2 ½ =5)

ROLL No.....

NATIONAL COUNCIL FOR HOTEL MANAGEMENT  
AND CATERING TECHNOLOGY, NOIDA  
ACADEMIC YEAR – 2017-2018

COURSE : 1<sup>st</sup> Semester of 3-year B.Sc. in H&HA  
SUBJECT : Application of Computers  
DURATION : 02 Hours MAX. MARKS: 50

(Marks allotted to each question are given in brackets)

Describe the characteristic features of input and output devices of a computer system. (10)

OR

What is Topology? Discuss the various topologies with diagram. (2+8=10)

What is MS-DOS? List any five Internal and External commands with syntax of MS-DOS.

OR

Define Operating System. Describe the functions of an operating system. (2+8=10)

What is Cache Memory?

OR

What are the limitations of computer? (5)

Differentiate between the following (any two):

- (a) Computer Hardware and Software
- (b) LAN and WAN
- (c) RAM and ROM
- (d) Spreadsheet and Word Processor

(2x 2 ½ =5)

What is Internet Browser and Email provider? (5)

Q.6. Match the following:

- |                       |                           |
|-----------------------|---------------------------|
| (a) Co-axial Cable    | (i) Volatile Memory       |
| (b) Nibble            | (ii) Input Device         |
| (c) Bar Code Reader   | (iii) Browsing Tool       |
| (d) Internet Explorer | (iv) Transmission Channel |
| (e) RAM               | (v) 4 Bits                |

(5x1=5)

Q.7. State True or False:

- (a) Dot Matrix Printer is an example of Non-Impact Printer.
- (b) In Ms-Excel, the formula always starts with an (=) sign.
- (c) Windows Explorer is a browsing tool.
- (d) Each high level language requires its own translator.
- (e) Machine language consists of 0's and 1's.

(5x1=5)

Q.8. Fill in the blanks:

- (a) The part of taskbar on which time appears is known as \_\_\_\_\_.
- (b) Automated loom was invented by \_\_\_\_\_.
- (c) Extension of Ms-Power Point file is \_\_\_\_\_.
- (d) The default opening screen of a window is called \_\_\_\_\_.
- (e) A translator is a \_\_\_\_\_ Software.

(5x1=5)

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SUBJECT CODE: BHM105

EXAM DATE: 14.12.2018

ROLL No.....

NATIONAL COUNCIL FOR HOTEL MANAGEMENT  
AND CATERING TECHNOLOGY, NOIDA  
ACADEMIC YEAR – 2018-2019

COURSE : 1<sup>st</sup> Semester of 3-year B.Sc. in H&HA  
SUBJECT : Application of Computers  
TIME ALLOWED : 02 Hours MAX. MARKS: 50

(Marks allotted to each question are given in brackets)

- Q.1. What is an Operating System? Explain with example. (7+3=10)  
OR  
Explain the salient features of windows operating system. (10)
- Q.2. What is network topology? Explain with diagram. (3+7=10)  
OR  
Explain with suitable examples about the classification of computer software.
- Q.3. Explain the functioning of each components of CPU. (5)  
OR  
Explain five network applications.
- Q.4. Differentiate between the following (any two): (2x2 ½=5)  
(a) LAN and WAN  
(b) High level and low level language  
(c) GUI and CUI
- Q.5. Write short notes on any two of the following: (2x2 ½=5)  
(a) Multimedia  
(b) Mainframe computer  
(c) Fourth generation computer systems
- Q.6. Expand any five of the following terms: (5x1=5)  
(a) CPU (b) ALU (c) BASIC  
(d) WWW (e) BCR (f) LCD  
(g) ISP

Q.7. Give DOS commands for the following (any five):

- (a) To create a directory  
(b) To rename a file  
(c) To remove an empty directory  
(d) To display the current date  
(e) To delete a file  
(f) To hide a file  
(g) To compare a disk with another disk

(5x1=5)

Q.8. Fill in the blanks:

- (a) \* and ? is an example of \_\_\_\_\_ in DOS.  
(b) Example of a volatile memory is \_\_\_\_\_.  
(c) DIR is an \_\_\_\_\_ command.  
(d) Computer uses \_\_\_\_\_ number system.  
(e) The extension of a MS-PowerPoint file is \_\_\_\_\_.

(5x1=5)

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AOC/ODD/DEC/01/18-19/NC

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