**Solved: M4.3-R4 (Jan-16) INTRODUCTION TO ICT RESOURCES**

1. Each question below gives a multiple choice of answers. Choose the most appropriate

one and enter in the “OMR” answer sheet supplied with the question paper, following

instructions therein. (1x10)

**1.1 \_\_\_\_\_\_\_\_ is a device which is used to amplify only signal from one end to other end.**

**A) Repeater**

B) Bridge

C) Switch

D) Router

**1.2 When computer is powered ON, \_\_\_\_\_\_\_\_ is started first.**

**A) POST**

B) Self-Healing

C) Self-Cleaning

D) Self-Scanning

**1.3 \_\_\_\_\_\_\_\_ is a bootstrap program in Linux.**

A) LiBoot

**B) GRUB**

C) LIGR

D) NTLDR

**1.4 Number of usable Host with address 192.168.1.0/24**

**A) 10**

B) 100

C) 254

D) 512

**1.5 Wi-Fi uses \_\_\_\_\_\_\_\_ method to access medium.**

A) CSMA/CD

**B) CSMA/CA**

C) CSMA/AC

D) CSMA/DC

**1.6 \_\_\_\_\_\_\_\_ Device is required for the Internet connection.**

A) Joystick

B) CD Drive

C) Mouse

**D) NIC Card**

**1.7 \_\_\_\_\_\_\_\_ topology is highly expensive.**

A) Star

B) Tree

**C) Fully Mesh**

D) Common Bus

**1.8 \_\_\_\_\_\_\_\_ Memory is used to store BIOS on Motherboard.**

**A) ROM**

B) RAM

C) CACHE

D) None of the Above

**1.9 \_\_\_\_\_\_\_\_ is a unit to count the speed of a printer.**

A) CPM

**B) PPM**

C) BIT

D) None of the above

**1.10 \_\_\_\_\_\_\_\_ is known as loopback address**

A) 200.200.1.1

B) 10.10.2.1

**C) 127.0.0.1**

D) 256.5.6.8

2. Each statement below is either TRUE or FALSE. Choose the most appropriate one and

ENTER in the “OMR” answer sheet supplied with the question paper, following

instructions therein. (1x10)

2.1 Other name of Logical Address is MAC address. **FALSE**

2.2 Nero is CD/DVD Burning Software. **TRUE**

2.3 Twisted pair cable reduces cross talk effect. **TRUE**

2.4 TROJAN is type of Anti-Virus Software. **FALSE**

2.5 NTFS file system can be used in Windows 7 Operating System. **TRUE**

2.6 Defragmentation of Hard Disk will remove all partition of HDD. **FALSE**

2.7 Wireless Network uses radio waves to transmit signals. **TRUE**

2.8 To connect computer and switch, straight through cable is used. **TRUE**

2.9 Router takes decision based on MAC Address. **FALSE**

2.10 Bus topology requires centralized controller. **FALSE**

3. Match words and phrases in column X with the closest related meaning/

word(s)/phrase(s) in column Y. Enter your selection in the “OMR” answer sheet supplied

with the question paper, following instructions therein. (1x10)

|  |
| --- |
| A. ISOB. Cost Effective TopologyC. OSID. ISPE. Twisted PairF. Deleted files kept hereG. MBRH. WinzipI. PrintingJ. FTPK. Collision Free TopologyL. InternetM. TRI |

3.1 Boot partition **G**

3.2 Reduction of File Size **H**

3.3 Standard Creation Committee for Communication **A**

3.4 Protocol for file transfer **J**

3.5 Ring Topology **K**

3.6 Example of WAN **L**

3.7 Provides Internet **D**

3.8 BUS Topology **B**

3.9 Common Networking Cable **NO MATCHING**

3.10 Recycle Bin **F**

4. Each statement below has a blank space to fit one of the word(s) or phrase(s) in the list

below. Enter your choice in the “OMR” answer sheet supplied with the question paper,

following instructions therein. (1x10)

|  |
| --- |
| A. Bridge B. TCP C. CircuitD. Back Door E. UDP F. SMTPG. Twisted Pair H. System BUS I. TCP/IPJ. Cache K. Hard Disk L. Co-axialM. Network Manager |

4.1 \_\_\_\_**K**\_\_\_\_ is a storage Device.

4.2 \_\_\_\_**E**\_\_\_\_ is a connection less protocol.

4.3 Through \_\_\_\_**H**\_\_\_\_, the components of the computer can communicate with each other.

4.4 Default port number of \_\_\_\_**F**\_\_\_\_ service is 25.

4.5 Device Operating at Data link layer is known as \_\_\_\_**A**\_\_\_\_.

4.6 A \_\_\_\_**G**\_\_\_\_ cable is made of two plastic insulated copper wires twisted together to form a

single media.

4.7 \_\_\_\_**J**\_\_\_\_ Memory is having same speed as CPU.

4.8 In Windows NT system, \_\_\_\_**M**\_\_\_\_ manage sharing of work with other computer.

4.9 \_\_\_\_**D**\_\_\_\_ is a type of Virus.

4.10 In \_\_\_\_**C**\_\_\_\_ switching, dedicated path is established before data are transferred.