 **PAKISTAN SCHOOL, ISA TOWN**

**KINGDOM OF BAHRAIN**

**SEND UP PAPER (2020-2021) SSC-I COMPUTER**

**SECTION –A( MCQS)**

**Time allowed: 20 minutes** **MARKS: 12**

**Name:---------------------------- Class:------------------- Section------------------- Date:-------------------**

**Student’s signature:--------------------- Invigilator Signature---------------------------**

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| **Note**: Section **A** is compulsory .all parts are of this section are to be answered on the question paper itself. It should be completed in the first **20 minutes** and handed over to center superintendent. Deleting overwriting is not allowed .Do not use lead pencil. |

1. \_\_\_\_\_\_ is distributed free of cost for a limited period?

A. Freeware B. Shareware

 C. Open source software D. Application software

1. DVI stands for?
2. Digital version internet B. Digital visual interface

C. Disk visual internet D. Definition version interface

1. Microsoft introduced the MS DOS in 1981 and it was replaced by Windows 3.0 in \_\_\_\_\_\_\_?

A.1992 B. 1996

C.1995 D. 1990

1. Which of the following transmission media uses light waves for transmitting information?

A. Coaxial cable B. Twisted pair cable

C. Telephone line D. Fibre optic cable

1. Which of the following is open source operating system?
2. UNIX B. Linux

 C. DOS D. Novell’s Netware

1. Which of the following network topology uses a device called terminator?
2. Ring topology B. Mesh topology

C. Bus topology D. Star topology

1. The first dial-up modem was built in \_\_\_\_\_?
2. 1987 B. 1965

C. 1975 D. 1962

1. In coaxial cable transmission speed ranges from 200 mbps to more than \_\_\_\_\_\_?
2. 400mbps B. 500mbps

C. 800mbps D. 1000mbps

1. (ISPs) stands for\_\_\_\_\_?
2. Integrated service provider B. internal service provider

C. internet service provider D. inter service provider

1. A \_\_\_\_\_\_\_\_\_ can send and receive data in both directions but not simultaneously?
2. Simplex transmission mode B. full-duplex transmission mode
3. Half-duplex transmission mode D. Half transmission mode
4. The first computer virus named "BRAIN" was created by two Pakistani brothers in \_\_\_\_\_\_\_\_\_?
5. 1983 B. 1987

C. 1986 D. 1985

 (xii) Which of the following malware displays advertisements on the screen?

 A. Virus B. Worms

 C. Adware D. Trojan

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| 12 |
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**For examiner’s use only** **Q1: Total marks**

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**SECTION –B AND C**

**Time allowed: 2 hrs. 40 minutes TOTAL** **MARKS: 43**

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| **Note**: Attempt **9 Question** from Section **B** and **2 Questions** from Section **C.** Write neat and clean answer and avoid any type of cutting and overwriting |

**SECTION –B [Marks 27]**

**Q2**. **Attempt any NINE questions from section B. All questions carry equal marks** (**3\*9=27)**

1. Differentiate between RAM and ROM?
2. What is cloud computing?
3. Write the functions of operating system (only names)?
4. Differentiate between single-user OS and multi-user OS?
5. Differentiate between ALU and CU?
6. Compare LAN and WAN?
7. Describe synchronous transmission?
8. Define data rate and signal to noise ratio?
9. What are the uses of networks?
10. Write the characteristics of peer-to-peer network?
11. Write the areas of computer ethics (only names)?
12. Write any five common symptoms of malware attacks?
13. Differentiate between hacker and cracker?

**SECTION –C [Marks 16]**

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| **Note:** **Attempt any TWO questions** E**ach question carry equal marks** **[8\*2=16]** |

**Q3.** a**.** Describe system software and its types?

 b. Describe ring and star topology?

**Q4.** a. Describe transmission impairments?

 b. Describe Authentication methodologies?

**Q5**.a.Write note on the following

1. CLI and GUI
2. 2nd and 4th generation

 b. Write a short note on client/server and point-to-point network?