4. a) Explain how an application can be

 (i) Added

 (ii) Removed from a PC

**OR**

 b) What is Graphical User Interface (GUI)? Explain the objectives

 of GUI

5.a) Explain about Half Duplex and Full Duplex communication?

**OR**

 b) Write a short note on communication devices and

 communication channels

6. a) Discuss about communication channels in the Communication

 Hardware

**OR**

 b) What is E-mail? Explain some applications of Internet

 [54/416]

**[Dec-16]**

 **[SDDCA-101]**

**DCA EXAMINATION**

**COMPUTER FUNDAMENTALS & PC SOFTWARE**

(Effective for the admitted batch 2009-10)

**Time: 3 Hours Max.Marks: 70**

------------------------------------------------------------------------------------------**Instructions:** All parts of the section must be answered in one place only.

 Figures in the right hand margin indicate marks allotted.

------------------------------------------------------------------------------------------

**SECTION-A**

1. Answer any **Four** of the following (4x5=20)

 a) Explain classification of computers

 b) Magnetic tape and Magnetic disk

 c) Explain types of operating systems

 d) Batch processing

 e) Discuss about Network Browsing and its uses

 f) Concept of data communication

 g) Network setup and configuration

**SECTION-B**

Answer all questions: (5x10=50)

2. a) Explain in detail about Input/output devices in computer memory

 system

**OR**

 b) What are the various memory devices working in the computer

 discuss it briefly

3. a) What is an operating system? Mention the types of operating

 systems and explain any two of them in detail

**OR**

 b) What is computer virus and explain the measures to be taken to

 provide network security

4. a) Explain how an application can be

 (i) Added

 (ii) Removed from a PC

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