Khyber Pakhtunkhwa Board of Technical & Commerce Education Peshawar

Diploma in Information Technology

(Part -I)

1st Term Examination 2022

Paper: Information & Communication Technology (ICT)

Time allowed: 3 hours **Max marks: 100**

Note: Attempt any five questions. All questions carry equal marks.

Q.1: Explain types of computers with respect to size and processing power.

Q.2: Briefly discuss about microprocessor?

Q.3: Convert the following.

    i. (4001)16 to binary.

    ii. 2406 to binary.

Q.4: Explain BCD and ASCII.

Q.5: Discuss advantages and disadvantages of the Internet.

Q.6: Define network. Discuss various types of networks.

Q.7: Discuss various features of word processor and spreadsheet software.

Q.8: Discuss the following.

    i: NIC

    ii. Modem

    iiii. Switch

    iiv. Router