



ELIZADE UNIVERSITY

ILARA-MOKIN

FACULTY: BASIC AND APPLIED SCIENCES
DEPARTMENT: MATHEMATICS AND COMPUTER
SCIENCE

1st SEMESTER EXAMINATION
2018 / 2019 ACADEMIC SESSION

COURSE CODE: CSC 209

COURSE TITLE: Computer Hardware

COURSE LEADER: Mr. Babalola O.T.

DURATION: 2 Hours

HOD's SIGNATURE

A rectangular box containing a handwritten signature in black ink, which appears to be 'Babalola O.T.'.

INSTRUCTION:

Candidates should answer any **THREE** questions.

Students are warned that possession of any unauthorized materials in an examination is a serious assessment offence

1. What is depicted in Figure 1? Write all you know about it. (Must write at least 30 points)

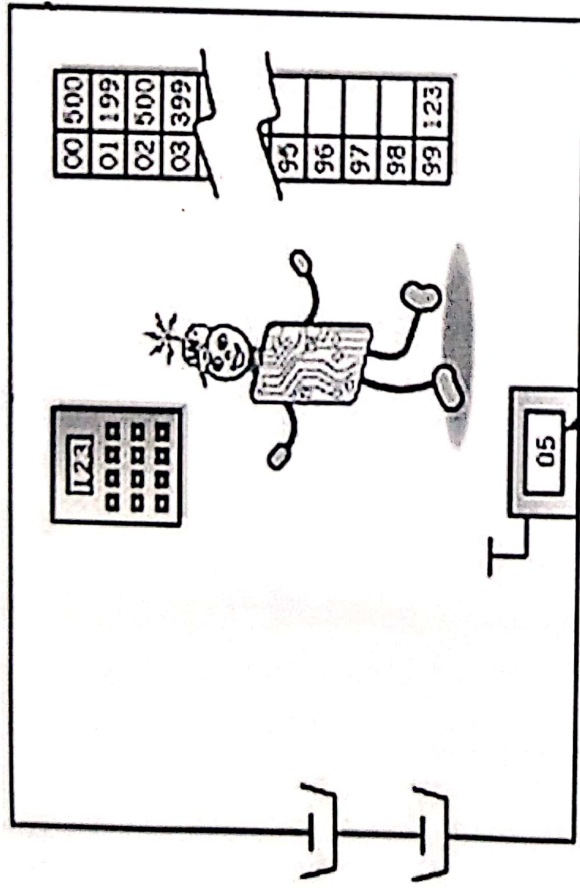


Figure 1. (Credits: Iv Englander)

2. For each of the following, make an entry in the table. An example has been done for you.

- i. Von Neumann ii. Instruction formats iii. Buses iv. Form factors v. Partitioning
- v. Formatting vi. Boot order vii. Bios viii. Booting process ix. Throughput x.
- Word xi. Stack xii. Gordon Moore xiii. IDE

	Hardware this tech/concept relates to	What this component/technology does	Measurement unit if any	A practical example/application
Headset	Soundcard	Provides mic. and speaker functionality	Decibels	Beats by Dre

3. Examine Figure 2, what is it? Write all you know about it especially its components; a minimum of 30 key facts is required. One sentence per fact. E.g. The ... has ... which In other words you should mention the component, its functionalities, and such technical information.

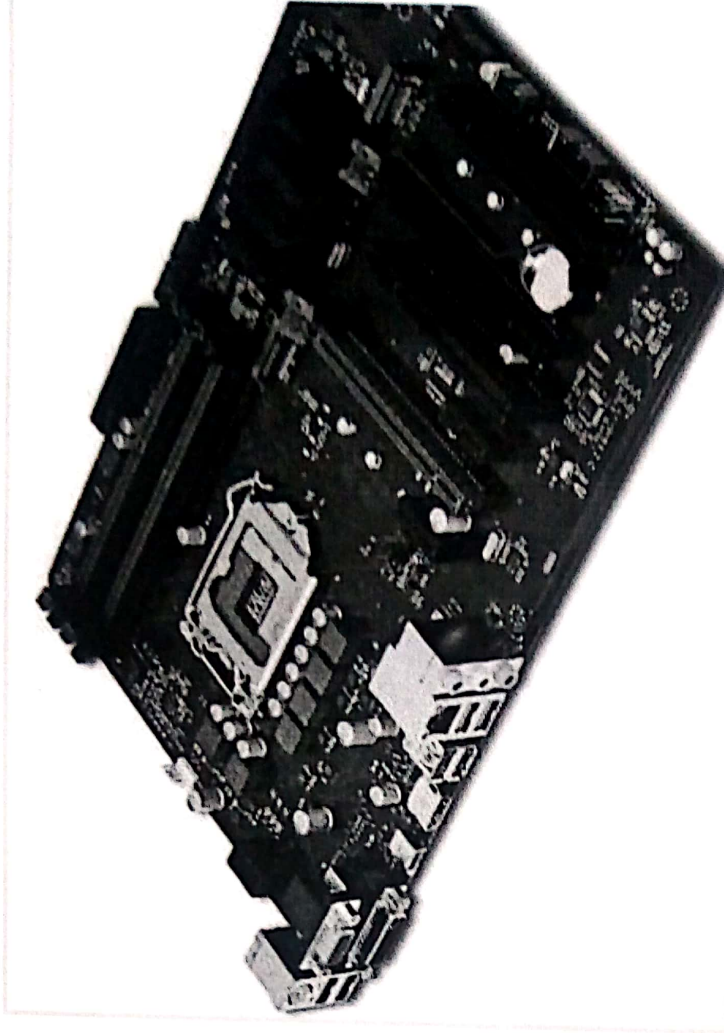


Figure 2. (Credits: QuietPC.com)

- 4. Instructions lie at the foundation of every operation in the computer processor. Write all you know about it. 30 points.
- 5. Mention 5 computer hardware textbooks, 15 computer magazines, and 25 hardware-related acronyms and their full meaning.