



*NURTURING INNOVATORS*

**RIARA SCHOOL OF BUSINESS  
MAY – AUGUST 2023 TRIMESTER  
EXAMINATION FOR BACHELOR IN BUSINESS ADMINISTRATION  
EVENING PROGRAMME**

**RBA 204: PRINCIPLES OF BUSINESS INFORMATION SYSTEMS**

**APRIL 2023**

**TIME: 2 HOURS**

**GENERAL INSTRUCTIONS:**

Students are NOT permitted to write on the examination paper during reading time.

This is a closed book examination. Text book/Reference books/notes are not permitted.

**SPECIAL INSTRUCTIONS:**

1. Write your REGISTRATION NO. Clearly on the answer booklet(s).
2. Answer Question One and ANY other TWO questions.
3. Questions in all sections should be answered in answer booklet(s).
4. Marks allocated to each question are shown at the end of the question.
5. PLEASE start the answer to EACH question on a NEW PAGE.
6. For the questions, write the number of the question on the answer booklet(s) in the order you answered them.
7. Write your answers in paragraph form unless stated otherwise.
8. Keep your phone(s) SWITCHED OFF at the front of the examination room.
9. Keep ALL bags and caps at the front of the examination room and do not refer to any unauthorized material before or during the course of the examination.
10. You are only allowed to leave the examination room 30minutes to the end of the Examination.



## SECTION A

### QUESTION ONE COMPULSORY (30 MARKS)

- a) With examples, distinguish between system software and application software. **(4 Marks)**
- b) Compare and contrast data and information. **(6 Marks)**
- c) Describe the following terms as they relate to databases: **(8 Marks)**
- i). Field
  - ii). Record
  - iii). File
  - iv). Database
- d) Explain the difference between information systems and information technologies. **(4 Marks)**
- e) Describe four strategies used during system conversion. **(8 Marks)**

## SECTION B (ANSWER ANY 2 QUESTIONS)

### QUESTION TWO

- a) Explain **six** drawbacks of a traditional file system. **(10 Marks)**
- b) Discuss five ways database technology helps to eliminate the problems associated with the traditional file system. **(10 Marks)**

### QUESTION THREE

- a) While today's information systems and Internet connectivity have led to greater globalization and created more international opportunities, new concerns have emerged. Discuss five challenges brought about by these challenges. **(10 Marks)**
- b) With the help of a diagram, explain how e-business is used by business enterprises. **(4 Marks)**
- c) For a given hospital management system, describe its input, output, and control activities. **(6 Marks)**

#### **QUESTION FOUR**

- a) Given that the process of application development can be costly both in time and resources, the system investigation phase begins with a feasibility study. Discuss five types of feasibility that may be conducted during development. **(10 Marks)**
- b) When acquiring information systems services, we are usually guided by careful chosen evaluation factors. Discuss five factors that may be considered the acquisition of information systems services. **(10 Marks)**

**END**