

MINISTRY OF EDUCATION AND HIGHER EDUCATION

GRADE 12 EXAMS, 2024

ICT



P/LAND NATIONAL EXAMINATION BOARD



**MINISTRY OF EDUCATION AND HIGHER EDUCATION
PUNTLAND NATIONAL EXAMINATIONS BOARD**

Name of Student			
Roll Number			
Name of School			
Region:		District:	

**FORM FOUR EXAMINATION, 2024
TIME: 2 HOURS PLUS 10 MINUTES FOR READING**

ICT

Instructions to candidates

- Answer all the Questions
- This paper consists of 11 pages, count it and if any is missing inform your invigilator
- Write your name and roll number on the exam paper
- No extra paper is allowed
- If you make a mistake, cross out the incorrect answer and write your correct answer.

This exam paper consists of following Parts

Parts	Marks
Part one: Multiple questions	22 marks
Part two: Structured questions	78 marks
Total:	100 Marks

For the markers only

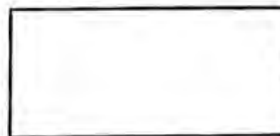
PARTS	MARKS
Part one:	
Part two:	
Total:	100 marks

Use this page for rough work. It will NOT be marked.

A series of horizontal dotted lines for rough work.

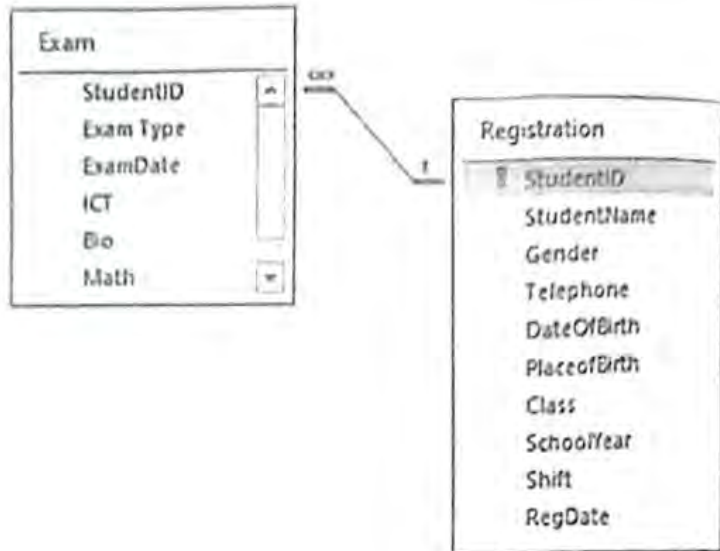
PART ONE MULTIPLE CHOICE QUESTIONS: (22 MARKS)

1. What is a database?
 - A. A Collection of computer programs used for writing reports
 - B. A Collection of material programs used for writing informations
 - C. A collection of related information that can easily be stored
 - D. A collection of related computer programming that can be stored
2. The database has major components
 - A. Procedure and Process
 - B. Programm and Software
 - C. Data and application
 - D. Hardware and Software
3. To create a new database for MS Access
 - A. Start Microsoft Access from the Start Data
 - B. Start Microsoft Access from the Start Menu
 - C. Start Microsoft Access from the Start Application
 - D. Start Microsoft Access from the Start Information
4. Data type can be
 - A. Short text and report
 - B. Date/time and short question
 - C. Number and Currency
 - D. Data form and Region
5. To edit table design structure
 - A. Right-click on the table name and choose Design View
 - B. Right-click on the table name and choose Design Form
 - C. Right-click on the table name and choose Design Import
 - D. Right-click on the table name and choose Design Export
6. Access has a very quick way to sort through data listed in columns
 - A. Right-click on the column header you wish to sort
 - B. Click on the column footer you wish to sort
 - C. Left-click on the column header you wish to sort
 - D. Click on the column header you wish to sort
7. In flowchart designs, this symbol represents as:
 - A. Input symbol
 - B. Flow line symbol
 - C. Processing symbol
 - D. Connection symbol



8. Identify the relationship between the two table images below (Exam and Registration)

- A. One to Many
- B. One to One
- C. Many to One
- D. Many to Many



- 9. All these are Generations of Programming languages EXCEPT
 - A. First and Second Generation
 - B. Five and Six Generation
 - C. Four and Three Generations
 - D. Five and Two Generations
- 10. Which one of the following is NOT a characteristic of multimedia?
 - A. Digital
 - B. Linked
 - C. Controlled
 - D. Unliked
- 11. Individual box in the table is called:
 - A. Cell
 - B. Rows
 - C. Chart
 - D. Column

PART TWO: STRUCTURAL QUESTIONS

(78 MARKS)

QUESTION 1:

6 marks

Define

A. Query: _____

 _____ **2 marks**

B. Form: _____

 _____ **2 marks**

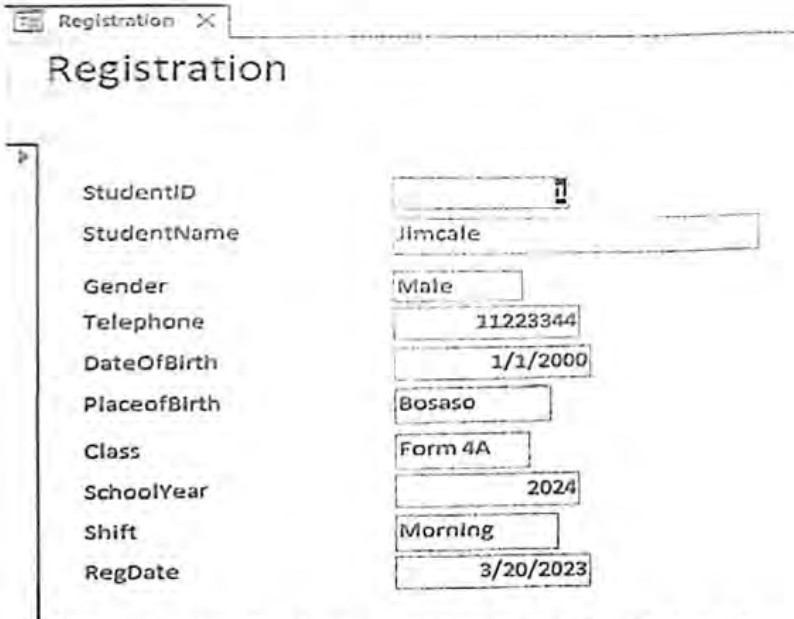
C. Computer Programming: _____

 _____ **2 marks**

QUESTION 2:

4 marks

The below image shows a form design. Which is referenced from the data source of an existing table called registration.



Field Name	Value
StudentID	
StudentName	Jimcale
Gender	Male
Telephone	11223344
DateOfBirth	1/1/2000
PlaceOfBirth	Bosaso
Class	Form 4A
SchoolYear	2024
Shift	Morning
RegDate	3/20/2023

Create a Form Wizard using the table name which is the registration

1. _____
2. _____
3. _____
4. _____

Question 3:**7 marks**

Fill in the following blanks with the appropriate words from the box

- Bound forms - Unbound forms - Communications systems
- Computer network and system - Software and digital media

- i. _____ include telephone, cable/broadband and television
- ii. _____ is not linked to any underlying data or records
- iii. _____ is linked to the data source like a table, query or SQL statement
- iv. _____ include computer engineering, technical assistance, electronics and robotics
- v. _____ are the primary interface to input information into a table or a query
- vi. _____ include computer programming, computer and video games, data management and web design
- vii. _____ is just like a label name that shows the form title.

Question 4:**3 marks**

Name the three key concepts of data modeling.

1. _____
2. _____
3. _____

Question 5: 6 marks

Read carefully the below Image and answer the questions.



- A. Write what kind of data model element showing either conceptual data model or logical data model? _____ 1 mark
- B. State two entities _____ 2 marks
- C. List attributes of Customer _____ 2 marks
- D. Indicate relationship between these Entities _____ 1 mark

Question 6: 3 marks

Computer languages have progressed from machine language to natural languages throughout time. List the three levels of computer language.

- A. _____
- B. _____
- C. _____

Question 7: 2 marks

The diagram below shows a table recorded student's information.

StudentName	Gender	Telephone	DateOfBirth	PlaceofBirth	Class
Jimcale	Male	11223344	1/1/2000	Bosaso	Form 4A
Yasmin	Female	33223444	2/3/2004	Garowe	Form 2B

Which steps are required when to delete a single record

- 1. _____
- 2. _____

Question 8: 5 marks

A. Explain the importance of using the Microsoft Photo Application 2 marks

B. Mention the two steps that can be taken to open Photo Application 2marks


a. _____

b. _____

C. Using the window below, what is the function of Plus (+) button? 1 mark

Photos

Collection Albums People Folders Video Editor

 Albums (0)

Sort by: Modified ▾

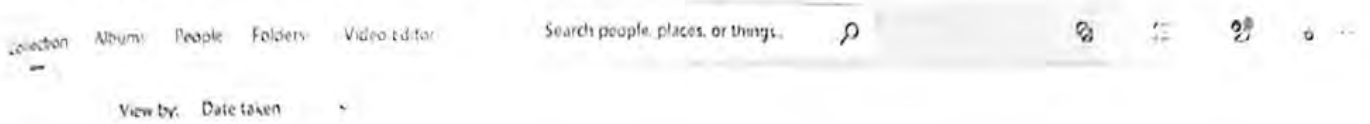


Answer: _____

Question 9: 4 marks

The below image show different component to manipulate photos and videos.

Identify four components of photo application shown



Get all your memories
in one place

Add photos and videos from all your devices to bring them together in one searchable, sortable, creative place.



- a. _____
- b. _____
- c. _____
- d. _____



Question 10: 10 marks

A. Explain the importance of job applications and why employers need one. 2 marks

B. Each company and the employer have a different set of criteria, needs, and fields on their application for employment template. List four main job application requirements. 4 marks

- i. _____
- ii. _____
- iii. _____
- iv. _____

C. CV, which stands for curriculum vitae is a detailed document that showcases a person's academic and professional accomplishments. Outline four main components of CV. 4 marks

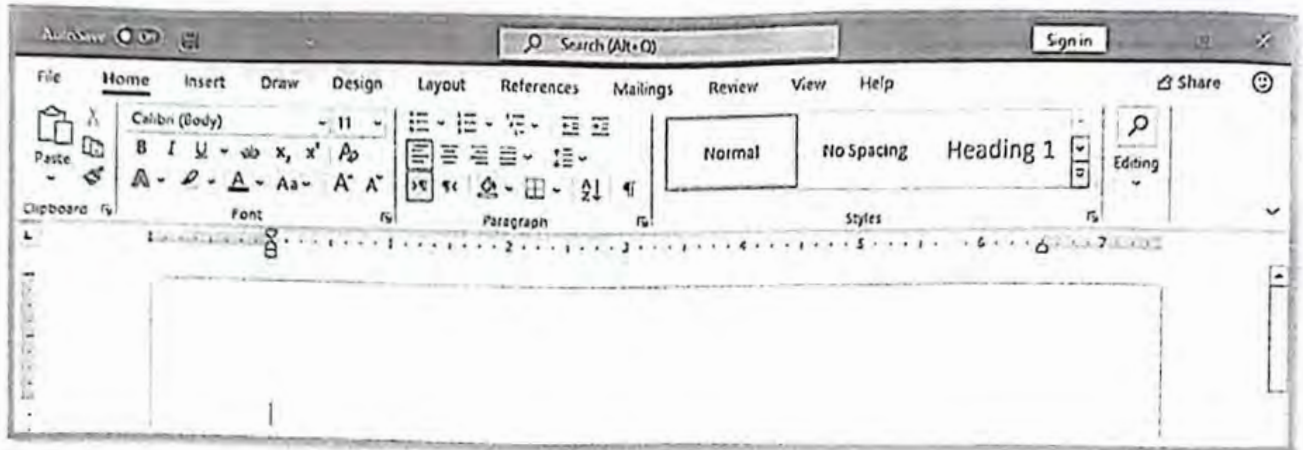
- i. _____
- ii. _____
- iii. _____
- iv. _____

D. Match the terms with their definitions in the table below. (20 marks)
The first one is done for you.

No	Term or word	Answer	Letter	Definition
1.	SQL	A	A.	Hypertext Markup Language
2.	Graphics		B.	It is one of the first programming languages.
3.	Video		C.	It is used to create apps for mac computers and Apple mobile devices.
4.	C		D.	Digital representations of non-text information?
5.	C++		E.	Part of ICT career professions
6.	Go or Golang		F.	Is a web conferencing tool
7.	Diploma Certificate		G.	Combination of on-the-job and off-the-job
8.	Web Development and Design		H.	It allows multiple people to connect remotely for communication and collaboration
9.	Zoom Meeting		I.	This is a photographic image that plays back and provides the appearance of full motion.
10.	Skype meeting		J.	Extension best suited to developing the system-run application
11.	iCloud		K.	Users can share folders and documents

Question 11: Name the images of each application software below then explain what each one is used for **8 marks**

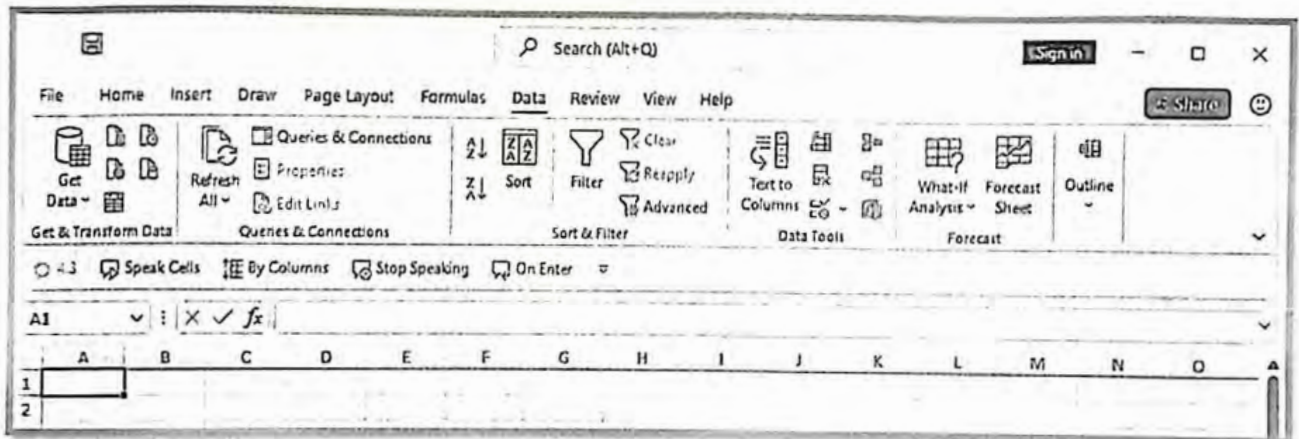
A)



Name: _____ **2 marks**

Usage: _____
 _____ **2 marks**

B)



Name: _____ **2 marks**

Usage: _____
 _____ **2 marks**

END