

MOSHOOD ABIOLA POLYTECHNIC, ABEOKUTA  
SCHOOL OF SCIENCE & TECHNOLOGY  
COMPUTER SCIENCE DEPARTMENT  
1<sup>ST</sup> SEMESTER 2023/2024 EXAMINATION

22/05/2024

COURSE CODE: COM 215

COURSE UNIT: 3

CLASSES WRITING PAPER: ND II COMPUTER SCIENCE (FT & PT)

COURSE TITLE: COMPUTER PACKAGES II

TIME ALLOWED: 3HRS

SECTION A: ATTEMPT ALL QUESTIONS IN THIS SECTION

1. A graphics that involves a two-way communication between computer and user whereby the user have some controls over the image is \_\_\_\_\_ computer graphics. A. Passive. B. Interactive. C. Non-Interactive
2. An art of drawing pictures, lines, charts using computers with the help of programming is called \_\_\_\_\_. A. Computer graphics. B. Graphic design. C. Computer Image
3. The process of converting an image file in such a way it consumes less space than the original file is called \_\_\_\_\_. A. Decompression. B. Compression. C. Depression
4. \_\_\_\_\_ is a detachable bar containing tools for selecting, creating, modifying and filling objects in drawing. A. Property bar. B. Title bar. C. Toolbox
5. A button at the bottom-right corner that opens a smaller display to help you move around a drawing is known as \_\_\_\_\_. A. Navigator. B. Status bar. C. Drawing page
6. The type of computer graphics that are resolution-independent and retain the highest quality of image when images are altered is called \_\_\_\_\_. A. Raster graphics. B. Vector graphics. C. Graphic pixel
7. The followings are raster graphics package except \_\_\_\_\_. A. Picasa. B. MS Paint. C. Adobe fireworks
8. The creation of electronic forms of information such as documents, presentations, or even website is called \_\_\_\_\_. A. Database. B. Word Processor. C. DTP D. Graphics
9. Which of the following is an example of a DTP package. A. Microsoft Access B. PageMaker C. Excel D. DataBase
10. \_\_\_\_\_ is the bar beside the help menu which allows us to set the document zoom level in DTP. A. Document layout B. Application bar C. Menu Bar D. Tool bar
11. \_\_\_\_\_ was acquired by Adobe In the 90s. A. Serif page plus B. PageMaker C. Paint D. Microsoft
12. Canva is used for the following EXCEPT \_\_\_\_\_. A. Greeting Cards B. Statistical analysis C. Fliers D. Invitation Cards
13. Drafting can be done in \_\_\_\_\_ and \_\_\_\_\_ dimensions. A. 2, 1 B. 3, 4 C. 2, 3 D. 2, 4
14. The following can be drawn using CAD software except \_\_\_\_\_. A. Circle B. Polygon C. Ruler D. Line
15. The following are examples of CAD software except \_\_\_\_\_. A. ArchiCAD B. AutoCAD C. QCAD D. None of the above
16. CAD can be used to design \_\_\_\_\_. A. House B. Machine C. Hospital D. All of the above
17. CAD is both visual and Symbol based method of communication in technical field. A. Yes B. No C. Not correct D. Not sure
18. Database can be described as integrated connection of \_\_\_\_\_. A. bit B. related data C. software D. bytes and nibbles
19. DBM S stands for \_\_\_\_\_. A. Direct Base Management Symbolic B. Direct Base Modules System C. Database Management Systems D. None of the above
20. Database systems are designed to manage \_\_\_\_\_

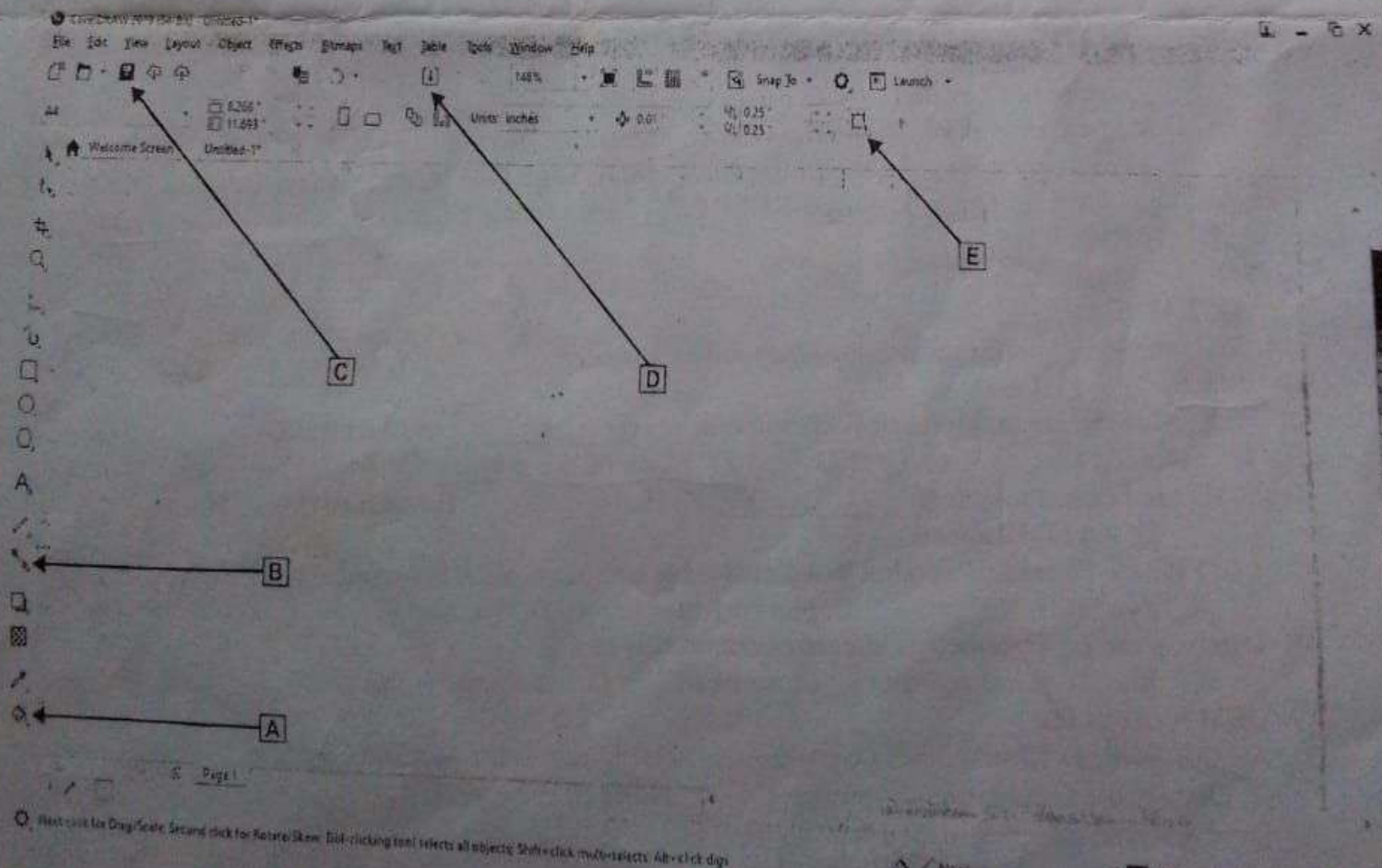
- A. Large bodies of information B. software C. operating system D. programs

## SECTION B: ATTEMPT ANY THREE (3) QUESTIONS IN THIS SECTION

- 1a. Write on any five (5) Computer Graphics concepts and Principles. (10 marks)  
 b. Mention five(5) applications of Computer graphics (5 marks)  
 c. Give the functions of the following tools used in Coreldraw Graphics: (i) Docker. (ii) Color Palette. (iii) Document Navigator. (iv) Ruler. (v) Tool box (5 marks)
- 2a. Define DTP, mention two (2) examples of DTP package. (4 marks)  
 b. Briefly explain any five (5) features of DTP package. (10 marks)  
 c. Explain three (3) advantages of using a DTP package. (6 marks)
- 3a. (i) Briefly describe Computer Aided Design (CAD) (5 marks)  
 b. What do you understand by Drafting? (5 marks)  
 c. State any five (5) drawing tools in AutoCAD with their functions. (10 marks)
- 4a) Define a Database System. (2 marks)  
 b) Outline five (5) advantages of DBMS. (5 marks)  
 c) Create a database of your choice with 8 fieldnames and showing at least 5 records (10 marks)  
 d) Highlight any three (3) components of DBMS (3 marks)

## SECTION C (Alternative to Practical): Attempt only ONE question from this section

### Question One





Explain the function of the labeled part in the diagram above

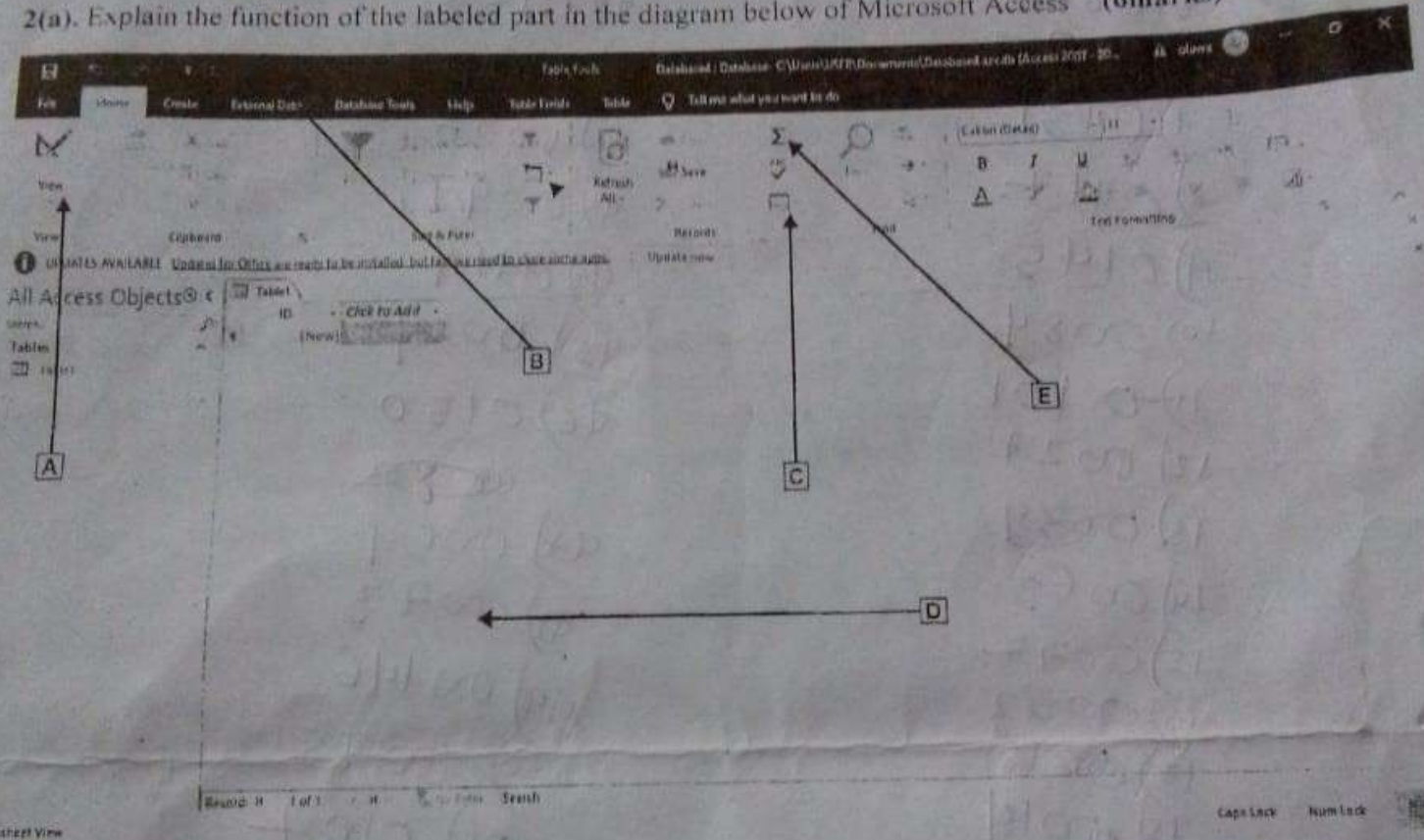
(5marks)

6) Using CorelDraw tools, describe how brochures and letterheads are designed. List procedure (12marks)

(c). Explain the following database component. (i). Views (ii). Records (iii). Fields, (3marks)

## QUESTION TWO

2(a). Explain the function of the labeled part in the diagram below of Microsoft Access (6marks)



2(b). Explain the following Corel Tools

i.) Artistic Media Tools ii.) Extrude Tool iii.) Drop Show Tools

iv.) Shape Tool (8marks)

2(c). Explain Data Abstraction in a DBMS (2Marks)

2(cii). List and explain four (4) Key features of a DBMS (4Marks)