

29. Copyright infringement refers to
 A. the act of using a trademark without permission
 B. the act of stealing physical property
 C. the act of copying digital property without permission
 D. the act of infringing a patent
30. What is an algorithm?
 A. A type of programming language
 B. A type of blog
 C. A step-by-step procedure to solve a problem
 D. A type of computer game
31. Which keyboard shortcut is used to select all text?
 A. Ctrl+A
 B. Ctrl+C
 C. Ctrl+V
 D. Ctrl+Z
32. What is the main advantage of using a Solid-State Drive (SSD) over a hard drive?
 A. Higher storage capacity
 B. Cost effective
 C. Lower cost
 D. Faster speed
33. What is fitness tracking?
 A. Tracking your location
 B. Tracking your physical activity and health
 C. Tracking your phone
 D. Tracking your videos
34. How do you create a new folder in Windows?
 A. Right-click, select New and click on Folder
 B. Left-click, select New and click on Folder
 C. Press Ctrl + F on the keyboard
 D. Press the Windows key + N

35. What is the benefit of using file compression?
 A. It enhances file security
 B. It increases file sharing
 C. It reduces file size and saves storage space
 D. It improves file organization
36. The main purpose of the “Recycle Bin” is to
 A. temporarily store deleted files
 B. store frequently used files
 C. organize files by type
 D. permanently delete files
37. Which social media platform is primarily used for professional networking?
 A. Facebook
 B. Twitter
 C. LinkedIn
 D. Instagram
38. What is pseudo code?
 A. A programming language
 B. A type of computer game
 C. A web development tool
 D. A way to write algorithms in natural language
39. What happens when you hover over a taskbar button?
 A. The application opens
 B. The application closes
 C. A preview thumbnail appears
 D. Nothing happens
40. Which of the following is an example of artificial intelligence?
 A. A calculator
 B. A radio
 C. A television
 D. A computer that can recognize pictures



ALPHA EXAMINATIONS

SUPER MOCK EXAMINATION

JUNE, 2024

COMPUTING 2 & 1

**ESSAY
BASIC: 9**

2 hours

NAME:.....

INDEX NUMBER:.....

SCHOOL:.....

SUPER MOCK EXAMINATION

JUNE, 2024

2 hours

Write **your name, your index number** and **the date** in **ink** at the spaces provided above.

This examination consists of **two papers** for a total duration of **2 hours**.

Paper **2** which comes first consists of two sections: **A** and **B**. Section **A** is a **compulsory** question for 24 marks. Section **B** consists of **4 questions** out of which candidates are required to answer **any 3** for 12 marks each. Paper **2** will last **1 hour 15 minutes** and will carry 60 marks.

Paper **1** consists of **40** compulsory objective questions and will last for **45 minutes** for 40 marks.

NB: Candidates are expected to answer **only four** questions in all.

Any candidate, who contravenes this instruction, would have only the first four answers marked leaving those in excess unmarked.

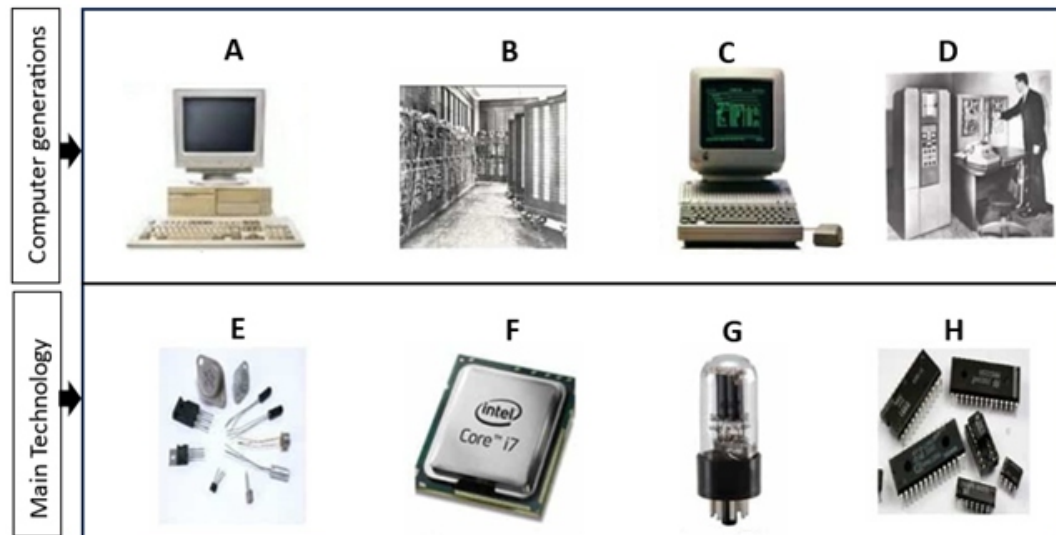
Any candidate who tears off any part of the questions paper will be severely penalized..

For Examiner's Use Only	
Questions number	Marks
TOTAL	

Turn over

Answer Question 1 (*Compulsory*)

1. Study the images below carefully and use them to answer question 1(a) to 1(d).



(a) Identify the computer generations labelled A, B, C and D. [4 marks]

A _____
 B _____
 C _____
 D _____

(b) Name the technologies labelled E, F, G and H. [4 marks]

E _____
 F _____
 G _____
 H _____

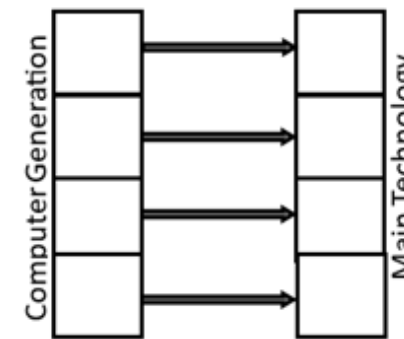
16. What is the primary focus of fifth generation computers?
 A. Development of mainframe computers
 B. Graphical user interfaces
 C. Enterprise computing
 D. Artificial intelligence and natural language processing
17. How do you create a header or footer in a word processor?
 A. By using the "Insert" menu and selecting "Header and Footer"
 B. By using the "File" menu and selecting "Header and Footer"
 C. By using the "Format" menu and selecting "Header and Footer"
 D. By using the "View" menu and selecting "Header and Footer"
18. Which output device is commonly used for presentations?
 A. Plotter
 B. Printer
 C. Projector
 D. Speaker
19. What is the term for a person who writes and maintains a blog?
 A. Writer
 B. Author
 C. Blogger
 D. Journalist
20. Which network topology is the most reliable?
 A. Bus
 B. Mesh
 C. Ring
 D. Star
21. Which mouse button is used to open a context menu?
 A. Right-click
 B. Left-click
 C. Middle-click
 D. Double-click
22. What is Natural Language Processing (NLP)?
 A. A type of computer programming
 B. A way for computers to understand human language
 C. A type of artificial intelligence
 D. A type of database management
23. Which output device is used for printing large-format documents?
 A. Plotter
 B. Inkjet printer
 C. Laser printer
 D. Dot matrix printer
24. A screen reader software is used to
 A. convert text to speech
 B. enlarge text and images
 C. provide closed captions
 D. facilitate keyboard-only navigation
25. Which of the following is an example of an animation effect in PowerPoint?
 A. Italic B. Underline
 C. Fade D. Bold
26. What is backup drive used for?
 A. To power the computer
 B. To store temporary files
 C. To connect to the internet
 D. To store duplicate copies of important data
27. The purpose of programming is to
 A. browse the internet
 B. create software
 C. fix computers
 D. play games
28. How does the web help us with our homework?
 A. It gives us more homework
 B. It helps us find information
 C. It does our homework for us
 D. It's not helpful

PAPER 1

1. What does the acronym URL stand for?
A. Uniform Resource Logic
B. Uniform Resource Link
C. Uniform Resource Locator
D. Uniform Resource Library
2. Which of the following computers was a popular third-generation computer?
A. Apple II B. IBM 701
C. UNIVAC 1108 D. PDP-11
3. A set of instructions that a computer can understand is termed as a
A. document
B. program
C. artificial Intelligence
D. function
4. What is the benefit of using an ergonomic keyboard?
A. improved typing speed
B. reduced eye strain
C. reduced wrist strain
D. improved graphics quality
5. How are portable hard drives powered?
A. By a battery
B. By a USB connection
C. By an external power source
D. By a solar panel
6. What is an Integrated Development Environment (IDE)?
A. A software for writing codes
B. A software to design graphics
C. A software to surf the internet
D. A tool to create websites
7. Which company is leading the development of quantum computing?
A. Amazon B. Microsoft
C. IBM D. Google

8. The clipboard group is located under thetab.
A. Home B. File
C. Insert D. Design
9. Which keyboard shortcut is used to copy text?
A. Ctrl+Z B. Ctrl+V
C. Ctrl+C D. Ctrl+X
10. What is 37 in number base two?
A. 100101 B. 11011
C. 1001101 D. 1001
11. One of the following is an example of an expert system.
A. a word processing program
B. a spreadsheet program
C. a medical diagnosis program
D. a web browser
12. Which generation of computers was dated 1940s to 1950s?
A. Fourth B. Third
C. Second D. First
13. Which of the following is not a type of email attachment?
A. Audio file
B. Image file
C. Hardcopy file
D. Text file
14. Which of the following is a valid formula in Excel?
A. 2+2= B. A1*B1
C. =B1+C1 D. All of the above
15. On which ribbon is the 'Thesaurus' command found?
A. View
B. Language
C. Review
D. Layout

- (c) Match the computer generations to their main technologies using the letter labels. [4 marks]



- (d) State three (3) features of the generation labelled C. [6 marks]

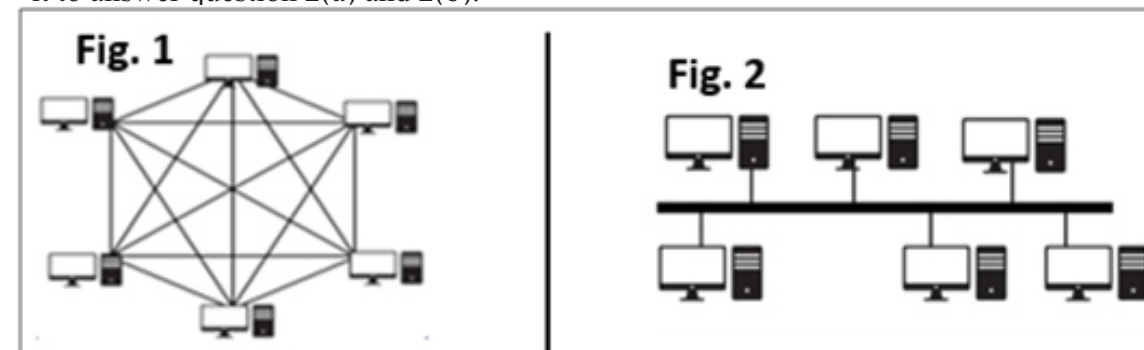
- (e) State three features of Perceptual Computing. [6 marks]

SECTION B

[36 marks]

Answer three questions only from this section.

2. The diagrams below describe how devices are connected with each other in a network. Use it to answer question 2(a) and 2(b).



- (a) Name the type of connection in the diagrams above. [2 marks]

Fig. 1 _____

Fig. 2 _____

(b) (i) State one advantage of the connection in **Fig. 1**. [2 marks]

(ii) State one disadvantage of the connection in **Fig. 2**. [2 marks]

(c) What is plagiarism? [3 marks]

(d) List three examples of literary works covered by copyright law. [3 marks]

3. (a) Write down a “Sum Function” in a spreadsheet to calculate the total of values in cells K1 to K7. [3 marks]

(b) Differentiate between *Cut* and *Copy* in Word Processing. [4 marks]

(c) Which feature in Microsoft Excel can be used to generate multiples of 5? [2 marks]

(d) Write the following acronyms in full; [3 marks]

OCR _____

OMR _____

RFID _____

4. (a) Briefly write the steps in creating and sending an email. [6 marks]

(b) In a computing project, your group was tasked to design a flyer to announce the 10th anniversary of your school.

(i) Which type of productivity software is most suitable to accomplish this task? [2 marks]

(ii) List two (2) popular examples of the software mentioned in b(i). [2 marks]

(c) State one action you will take when you realise that you are being stalked on social media. [2 marks]

5. (a) Identify the following flowchart elements by name and purpose. [12 marks]

Symbol	Symbol Name	Purpose
