



EXAMINATIONS COUNCIL OF ESWATINI
Eswatini Prevocational Certificate of Secondary Education

CANDIDATE
NAME

CENTRE
NUMBER

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CANDIDATE
NUMBER

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INFORMATION AND COMMUNICATION TECHNOLOGY

5924/2A

Paper 2 Part A (Theory)

October/November 2022

1 hour

Additional Material

No Additional Materials are required.

Total: 40 marks

READ THESE INSTRUCTIONS FIRST

Write your Centre number, candidate number and name in the spaces provided.

Write in dark blue or black pen.

Answer all questions on the paper.

Do not use staples, paper clips, highlighter, glue or correcting fluid.

Answer **all** questions in the spaces provided.

The number of marks is given in brackets [] at the end of each question or part question.

This document consists of **7** printed pages and **1** blank page.

1 State **ONE** computer application that can be used to edit text files.
..... [1]

2 Give **TWO** controls of an online data entry form that can be used to present a list of options to a user.
.....
..... [2]

3 Assume that you have downloaded software from the internet, but you cannot run it because there is no space on the hard drive.
Suggest **TWO** ways in which you can run the software.
1
2 [2]

4 Explain **TWO** ways in which RAM differs from Solid State Drive storage.
1
.....
2
..... [2]

5 State **TWO** benefits of 3D printing.
Advantage 1
.....
Advantage 2
..... [2]

6 Explain the function of a switch in a network.
.....
..... [1]

7 State one common use of EACH of the following technologies:

(a) Wi-Fi

..... [1]

(b) Bluetooth

..... [1]

(c) Li-Fi

..... [1]

A school's technology centre has been upgraded and now includes a Local Area Network (LAN) and a hotspot. Users of the technology centre will have access to the internet and can print documentation on research that has been undertaken. The technology centre uses a database to record all stock, e.g. stationery, cartridges and paper.

8 A biometric access system has been installed to allow users to enter the technology centre.

Define the term biometric.

.....
..... [1]

9 Many learners bring their mobile devices to school and use the hotspot.

State **ONE** disadvantage of using a hotspot.

.....
..... [1]

10 Learners can borrow DVDs from the technology centre. The DVDs are fitted with RFID tags.

(a) Write out the acronym for Radio Frequency Identification.

..... [1]

(b) State **TWO** advantages of using RFID tags on items in the technology centre.

1
.....
2
..... [2]

11 The technology centre has a blog on the school's website.

Explain what is meant by a blog?

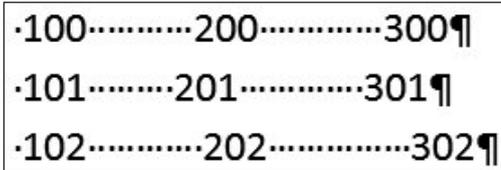
.....
..... [2]

12 As part of upgrading of a school's ICT systems, the manager is considering cancelling its landline in favour of VoIP.

State **TWO** possible disadvantages of relying solely on VoIP for communication.

1
.....
2
..... [2]

13 After the Show/Hide feature was activated in a word processing document, the following was displayed.



(a) Describe how the user tried to align the numbers in the screenshot above?
..... [1]

(b) Give **TWO** other word processing features that can be used to align the data above.
1
.....
2
..... [2]

14 Explain the purpose of a hyperlink in a document or web page.

.....
 [1]

15 The numbers in a spreadsheet need to be arranged from the smallest to the largest.

	A	B	C	D	E	F	G	H	I	J
1	4	22	61	58	10	101	97	82	38	48

Describe how this can be done without re-typing each number.

.....

 [2]

16 Consider the screenshot below.

NOTE: The formula in cell B1 was copied down to the rest of the cells in column B.

	A	B
1	For that will be a milestone	For
2	towards realising the vision	towards
3	which inspired the historic events of 1994.	which

State the function that can be used in cell B1 to extract the first word from the data in the cell A1.

.....
 [1]

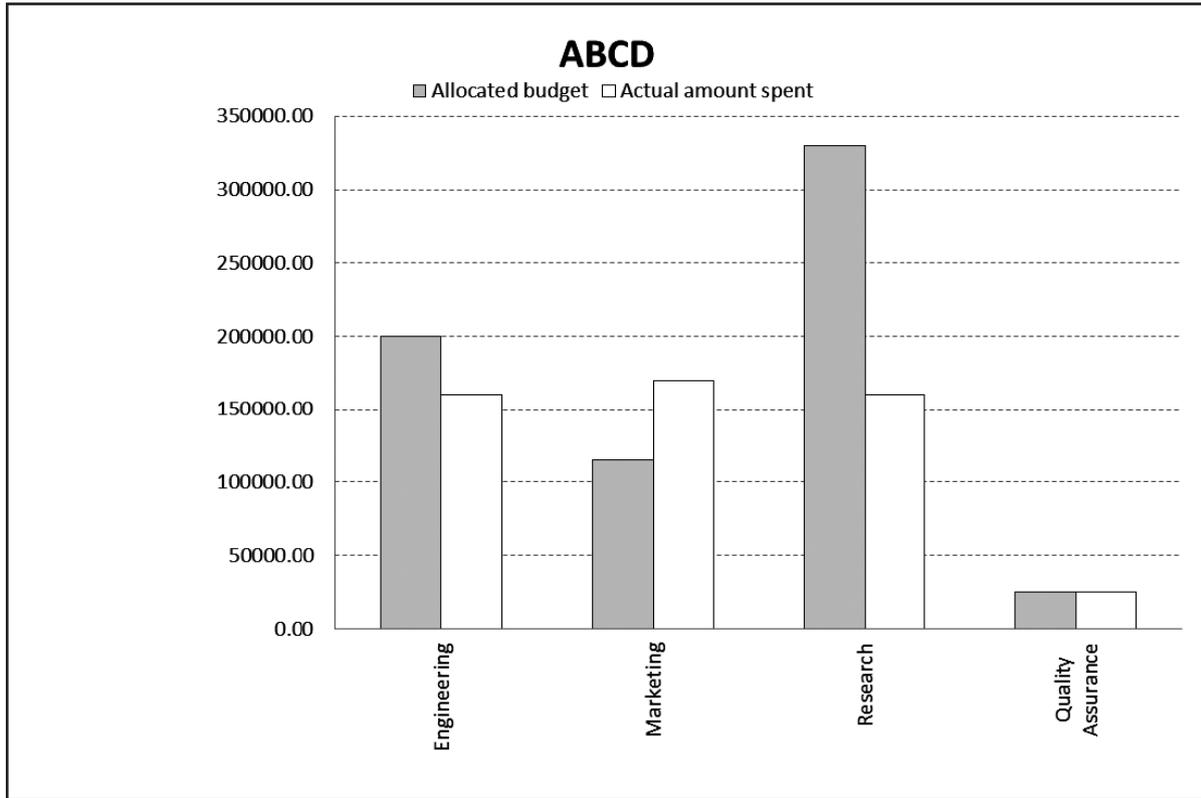
17 Draw the table represented by the HTML code shown below.

```
<table border=10>  
  <tr>  
    <td> A </td>  
    <td> B </td>  
  </tr>  
  <tr>  
    <td colspan=2> C </td>  
  </tr>  
</table>
```



[5]

18 Study the graph showing the results of different departments and answer the questions.



- (a) How many categories [series of data] are shown in this graph?
..... [1]
- (b) Explain the problem that exists in the Marketing department according to the graph.
..... [1]
- (c) Which department underspent by the largest amount on their allocated budget?
..... [1]
- (d) Suggest **THREE** improvements that could be made to this graph to make it easier to interpret.
1
.....
2
.....
3
..... [3]

