**Names:**.....................................................................................**Index**:...........................

**School Exam Number:**...........................................................**Signature**:....................

**840/1**

**COMPUTER STUDIES Paper1**

2022

**2½ hours**

*Candidates should****NOT*** *writetheir Centre Name or Centre Number anywhereon this booklet*

**STANDARD HIG SCHOOL ZZANA**

**INTERNAL FACILITATION**

**COMPUTEREDUCATION**

THEORYPAPER

**2hours 30minutes**

**INSTRUCTIONS TO CANDIDATES:**

*Writeyournamein thespacesabove.*

*Thispaperismadeupof***three**Sections*:***A***,***B** *and***C***respectively.*

Section**A***contains****40compulsory****objective-typequestions.Writeyourbestalternative:***A*,***

**B,C***or***D*,****intheboxprovided.*

Section**B***contains****fourcompulsory****structuredquestions.Answersmustbewritteninthe spacesprovided.*

Section**C***ismadeupof* **three***questions.Attemptonly***one***questiontobewritteninthe answerpagesprovided.*

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **FOREXAMINER’SUSEONLY** | | | | | | | | |  |
| **MCQ** | **Q21** | **Q22** | **Q23** | **Q24** | **Q25** | **Q26** | **Q27** | **Q28** | **Q29** | **TOTAL** |
|  |  |  |  |  |  |  |  |  |  |  |

**O–C–1  *FACILITATION EXAM 0772336486 2022*. TurnOv**

**SECTIONA: (20MARKS)**

1. The scientific milestone of using Integrated Circuits (IC) was a characteristic of the
   1. First generation
   2. Second generation
   3. Third generation
   4. Fourth generation.
2. Which of the following suite computers in next 10 years.
3. Limited storage capabilities.
4. Big screen to display content to user.
5. In built artificial intelligence to implement robotics.
6. Wide range of peripheral devices.
7. Which of the following is a primary database structure?
8. Form
9. Query
10. Report
11. Table
12. Which one of the following software displays slides as an output?
13. Presentation
14. Word processing
15. Spreadsheets
16. Internet explorer
17. In computer studies, Computer ethics is……………………………
18. Set of rules for sending and receiving e-mails.
19. Being a computer litrate.
20. Set of moral principles that regulate the use of computers.
21. Having knowledge and understanding on how to operate computers.
22. Artificial environment created with computer hardware and software is …..
23. Artificial intelligence.
24. Robotics.
25. Multimedia.
26. Virtual reality
27. Which of the following application software can be used to perform automatic calculation.
28. Web authoring software.
29. Word processing software.
30. Enterprise computing software
31. Spread sheet software.

**O–C–2  *FACILITATION EXAM 0772336486 2022*. TurnOve**

1. What is the most appropriate data type for graphics in database?
2. Hyper link
3. Memo
4. Report
5. OLE objects
6. …………………… is a word processing feature that suggests the alternative words with the same meaning for use in the document.
7. Word wrap
8. Spell checker
9. Grammar checker
10. Thesaurus
11. Which of the following represent an application of presentation software.
12. Display e-mail messages
13. Desktop publishing.
14. Printing and addressing a set of letters
15. A visual aid to enhance communication
16. Which of the following represent a group of system software?
17. Spreadsheet, Language processor, Device driver.
18. BASIC, Linux off the shelf
19. Linux, Language processor, Device driver
20. Microsoft word, Language processor and Device driver
21. …………………….is an address that does not change when a formula is

Copied to another location in spreadsheet.

1. Absolute address
2. Relative address
3. Mixed address
4. Formula address
5. ………………is the best for creating, sorting and retrieving large volumes of related information.
6. Microsoft word
7. Database
8. An e-mail
9. A word file
10. The use of …………………is characterized with web designing software.
11. Tags
12. Mail merge
13. Queries
14. Formulas

**O–C–3  *FACILITATION EXAM 2022*. 0772336486 Turn**

**15**. A ………………………... makes it easy to find your way round the internet.

1. Network browser
2. Microsoft word
3. Compiler
4. Digital camera

**16**. One way of protecting the information on a computer is . . . . .

1. Defragmenting the disk
2. Formatting the disk
3. Sorting the data on the disk
4. Backing up the data onto different media.
5. A chen wants to get some information from the internet on designing success

cards for her Fine Art examination. What kind of software would she need to

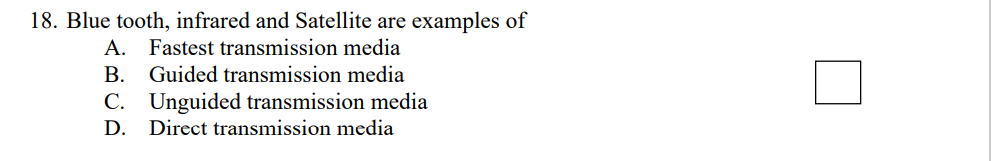
use to get his information?

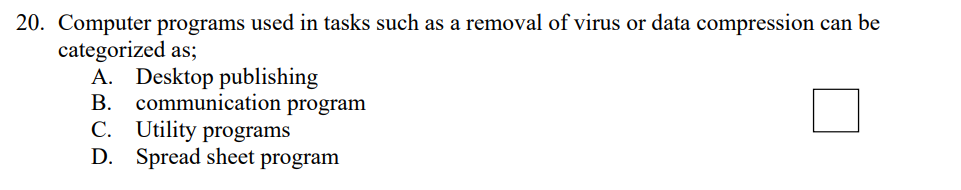
1. web browser
2. web authoring software
3. E-mail software.
4. Desktop publishing
5. The points of connection between a computer (motherboard) and its peripherals

are

1. network cards
2. ports.
3. cables.
4. sockets

19.



****

**O–C–4  *FACILITATION EXAM 2022*. 0772336486 TurnOve**

**SECTIONB (60MARKS)**

*This* Section *consists of* **six** *questions.*

*Answer* **ALL** *questions and fill you answers in the space provided.*

**21.** (a) (i) Define the term ***computer ethics***? ***(01marks)***

……………………………………………..……………………

…………………………………………………………………

(ii)State ***two*** computer ethical guidelines demonstrated while using a computer. ***(02marks)***

……………………………………………..……………………

…………………………………………………………………

……..………….………………………………………………

(ii) Explain the following terms as used in computer studies?

***(05marks)***

1. Computer Evolution.

…..…………………………………………….………………

………..………….……………………………………………

1. Computer generation.

…..…………………………………………….………………

………..………….……………………………………………

1. Versatility.

…..…………………………………………….………………

………..………….……………………………………………

1. Diligence:

…..…………………………………………….………………

………..………….……………………………………………

(b) State two characteristics of the following computer generation. (i) **Second generation** ***(01marks)***

……..…..…………………………………………….………………

……..…..…………………………………………….………………

(ii) **Fourth generation** ***(01marks)***

……..…..…………………………………………….…………………

………………………………………………………………………………..…..…………………………………………….………………….…

**O–C–5 *FACILITATION :CompEduc*. 0772336586 TurnOver**

|  |  |
| --- | --- |
|  | |
|
|  |
|  |
| **22.** | (a) | (i) Define the term computer hardware? ***(01mark)***  …………………………………………………………………  ………………………………………………………………… |

……..…....…………………………………………….………………

…………. ……..…..…………………………………………….……

(ii) State any two categories of computer hardware. Giving an example

in each category. ***(02marks)***

Category

……..…....…………………………………………….………………

Example

……..…....…………………………………………….………………

Category

……..…....…………………………………………….………………

Example

……..…....…………………………………………….………………

(iii) Distinguish between ***Biometric devices****from****computer***

***Peripheral*** devices ***(02marks)***

……………………………………………………………………………

…………………………………………………………………………………………………………………………………………………………

(v) State any ***two***examples of biometric devices you know***(02marks)***

…………………………………………………………………………………………………………………………………………………………

(b) (i) Distinguish between Cold booting from Warm booting?

***(01mark)***

…………………………………………………………………

…………………………………………………………………

(ii) Statethe functions of the following in the booting process of a personal computer.

***(2marks)***

1. BIOS(ROM - BIOS)

…………………………………………………………………

(b)CMOS

………………………………………………………………………………………....

…………………………

**23.** (a)(i) With examples distinguish between a **Spread sheet** and a **Database software**

***(01marks)***

……………………………………………………………..…

…………………………………………………………………

…………………………………………………………………

(ii) In relation to database, define the following terminologies

1. Validation rule. ***(01 mark)***

…………………………………………………………………

…………………………………………………………………

1. Validation text. ***(01 mark)***

…………………………………………………………………

…………………………………………………………………

1. Study the database object below and answer the questions

that follow?

**KABALA HIGH SCHOOL**

Students registration form

**Gender**

F

**Reg No**

BH/001

**Country of Residence**

Zimbabwe

**Surname**

**Kirund**a

**District of Residence**

Funtula

**Other name**

Cate

1. Name the database object show above? ***(01marks)***

…………………………………………………………………

1. How useful is the above database object. ***(01marks)***

………………………………………………………………

………………………………………………………………

1. How many records are displayed in above database object?

***(01marks)***

………………………………………………………………

(v) What data type was used for Surname the field? ***(01marks)***

……………………………………………………………

1. Name any One types of. ***(03 marks)***
2. Entries entered in spread sheet.

…………………………………………..……………

(ii) Different operations, which you would expect in a spreadsheet cell.

…………………………………………………………

(ii) Types of number format you would expect in a spreadsheet cell.

………………………………………………………………

**24.** (a) Define the following term **as used in computer networks**. ***(01marks)***

……………………………………………………………………

……………………………………………………………………

1. State ***two*** advantages of networked computers over stand alone

***(02marks)***

……………………………………………………………………

……………………………………………………………………

1. Give any one factor that influences the speed of access on the network. ***(02marks)***

……………………………………………………………………

……………………………………………………………………

(b) Distinguish between

(i) ***Simple transmission*** *from* ***Full duplex transmission***.

***(02marks)***

…………………………………………………………………………

…………………………………….……………………………………

………………………………………………………………………….

(ii) **Half duplex from Data communication *(02marks)***

…………………………………………………………………………

…………………………………….……………………………………

………………………………………………………………………….

1. Mention any two services provide by internet. ***(02marks)***

…………………………………….………………………

…………………………………….………………………

**25.** (a) Distinguish between **presentation software** *from* **word**

**processing**. ***(02marks)***

…………………………………………………………………………

…………………………………………………………………………

(b) (i) State any two power point power point movement you know? ***(02marks)***

…………………………………………………………………………

…………………………………………………………………………

(ii) Mention any one qualities of a good presentation. ***(02marks)***

…………………………………………………………………………

…………………………………………………………………………

(c) (i) State two advantages of using electronic word processor over manual

type writer. ***(02marks)***

………………………………………………………………………

………………………………………………………………………

(ii) Explain the following terms as used in word processing. ***(02marks)***

1. A **superscript** and **subscript**

…………………………………………………………………………

…..………………………………………………………………….…

1. **Word wrap** and **Text wrap**

…………………………………………………………………………

…..………………………………………………………………….…

…………………………………………………………………

(c) (i)List ***two*** ways how data can beemphasize in a word processor.

…………………………………………………………………………

………………………………………..……………………………….

(ii) State any two uses of word processor in business.

…………………………………………………………………………

**26.** (a) Distinguish between **System software**  *from* **Application software**

**Software (*02marks)***

…………………………………………………………………………

………………………………………..………………………………

…………………………………………………………………………

(b) Explain the following terminologies. ***(03marks)***

(i) Device driver

…………………………………………………………………………

………………………………………..………….………………..……

(ii) Utility program

……………………………………………………………………

……….…………………………………………………………..

(iii) Operating system.

…………………………………………………………………………

……….………………………..…………..……………………………

(c) (i) State any two management functions of operating system. **(*02marks)***

…………………………………………………………………

………………………………………………..…………………

(ii) State any two roles of the following utility programs ***(02mark)***

|  |  |
| --- | --- |
| **Anti- virus utility** | **Screen server utility** |
|  |  |
|  |  |

1. In the table below, state any one advantage and disadvantages of Customized software and Off the shelf software. ***(02mark)***

|  |  |
| --- | --- |
| **Advantages** | |
| Customized software | Off the shelf software |
|  |  |
| **Disadvantages** | |
| Customized software | Off the shelf software |
|  |  |

*SECTION C: (20Marks)*

***Answer only one question from this section***

***Answers to the question must be written in the answer booklet provided.***

**27**. A computer sytem comprise of human ware, hardware, software, data

procedure and communication. Describe the importance of each component.

(20marks)

**28**. The growth of information technology is greatetly depends on ict tools and internet. As a computer student, describe the implications of intenet in

the world of ict today. (20marks)

**29**.(a) As a computer sudent, you have been asked to guide a person about cyber

crime. Explain the different forms of cyber crime you know. (10marks)

(b) Describe the different ways how cyber crime can be controlled. (10marks)

**END**