

KULLEGG SAN BENEDITTU Secondary School - Kirkop

Mark

HALF-YEARLY EXAMINATION 2014-2015

Levels 5-8

FORM 3

ICT

Time: 1½ hrs

Section	A	B	Global Mark
Max. Mark	48	52	100
Mark			

DO NOT WRITE ABOVE THIS LINE

Name: _____

Class: _____

Section A: Computer Essentials






1. Fill in with appropriate words.



CPU stands for Central _____ Unit. It is the brain of the computer. It is divided between the ALU which stands for _____ Unit and the CU which stands for _____ Unit. The ALU performs arithmetic logic operations while the CU extracts the instructions from memory and decodes and executes them. It is measured in _____. The RAM is a type of memory which is erased once the computer is switched off. It is measured in _____. The ROM is a type of memory which is used to boot the computer system and the data contained in the ROM never _____.

[7 marks]

2. Complete the table.

Device		Name	Description	Capacity
A.		H _____ D _____ D _____	It could be both internal and external.	Up to _____ TB
B.		P _____ D _____	It is a portable device which can be taken from one place to the other.	Up to _____ GB
C.		C _____ D _____	It is used to store text, music and images.	Up to _____ MB
D.		M _____ C _____	It is mounted on various devices like mobiles and digital cameras.	Up to _____ GB
E.		N _____ D _____	It is used to store information.	Depending on the network.

[13 marks]

3. Arrange the following units in ascending order by putting numbers.

	Bit
	Kilobyte
	Terabyte

	Byte
	Gigabyte
	Megabyte

[3 marks]

4. What do the following stand for?

Ex.	DVD	Digital Versatile Disk
A.	ROM	
B.	RAM	
C.	USB	
D.	IM	
E.	SMS	

[5 marks]

5. Complete the steps by putting numbers.

How to compress a file named ICT.docx :



	Right-click on the file ICT.docx
	The new file will appear as ICT.zip
	Choose Compressed folder
	Choose Send to

[2 marks]

6. What are the following services called?



Typical uses of the internet:

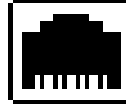
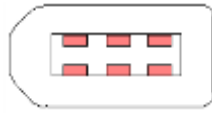
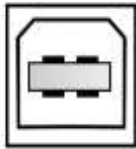
- A. It is used to send and receive letters, messages and attachments on the internet. E-_____
- B. Trading over the internet. E-_____
- C. Used to transfer funds, pay bills and view credit card statements. E-_____
- D. Used to pay income tax, examinations or car licenses. E-_____
- E. Learning conducted via electronic media. E-_____

[5 marks]

7. Computers have different input and output ports i.e. slots where cables connect peripherals to the computer.

i) Match the picture with the name.

ii) Match the picture with the description. The first one is done for you.



1

2

3

4

5

Picture No. (i)	Port	Picture No. (ii)	Description
5	Parallel		is used to connect the computer to a network or a modem.
	USB		is a slot that connects digital video cameras to the computer. It supports faster transfer data rates than USB ports.
	Firewire		is a slot on the computer that supports the transfer of audio and video data through a single cable.
	HDMI	5	a connector for a device that sends or receives several bits of data simultaneously by using more than one wire.
	Network		is a slot in the computer that supports fast transfer data rates.

[8 marks]

8. Match the term with the description by putting the number in the provided space.



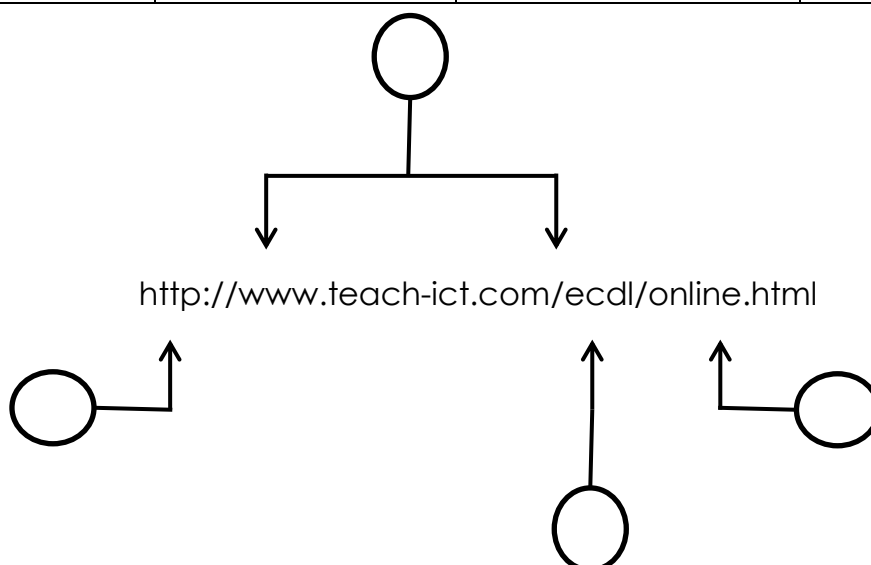
Term		No.	Description
A.	Malware		should be updated regularly.
B.	A Virus		is a self-replicating software that spreads from a computer to another.
C.	A Worm		disguises itself as good software.
D.	A Trojan Horse		is a program designed to secretly enter and damage a computer system.
E.	Anti-virus software		is designed to attack networks.

[5 marks]

Section B - The following section is about Online Essentials.

9. Using the following words, label the URL in the box below:

a. Folder on Server	b. Domain Name	c. Service Protocol	d. Filename
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[2 marks]

10. The following table shows the types of organisations that may be found on Internet. Match the Organisation with the correct meaning.

Organisation		Meaning	
a.	com		Government body or department
b.	edu/ac		Networking organization
c.	Gov		Non-profit making organisation (unions or charities)
d.	Net		Commercial organization
e.	Org		Educational institution

[5 marks]

11. This question is about Internet Activities. Fill in the missing words.

- a) The software used to access the internet is called a Web _____.
Two examples of this software are _____ and _____.
- b) A Search Engine is used to _____ for information. Two Search Engines are _____ and _____.
- c) A _____ is a website created by a person about a particular subject. It is a like an online _____. The latest entry is always displayed at the _____ of the page. _____ can leave comments in an interactive format.
- d) Entertainment include radio and television _____ and _____ Games.
- e) Many people communicate through Internet by using E-_____, _____ messaging and _____ over Internet Protocol.

[15 marks]

12. Web-based forms are one way how users may interact with the Web. Online forms are the equivalent of printed forms. **Label the diagram by using the following words.**

Radio button	Menu field	Text field	Submit button	Check box
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[5 marks]

The diagram shows a web form with the following elements:

- Name:** A text input field.
- Sex:** Radio buttons for 'Male' and 'Female'.
- Eye color:** A dropdown menu currently showing 'green'.
- Check all that apply:** Checkboxes for 'Over 6 foot tall' and 'Over 200 pounds'.
- Describe your athletic ability:** A large text area.
- Enter my information:** A submit button.

Arrows point from each of these elements to a blank line for labeling:

- Name → _____
- Sex → _____
- Eye color → _____
- Check all that apply → _____
- Describe your athletic ability: → _____
- Enter my information → _____

13. Fill in the missing words using the following the terms.

Pop-up	Cookie	Cache	Bookmarks	Copyright
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- _____ is a text file that saves information regarding particular websites. It may save information, shopping cart contents, or user preferences.
- _____ is the exclusive legal right that prohibits copying of intellectual property without permission of the copyright holder.
- _____ is a list of URLs of frequently visited Web pages.
- _____ is a small web browser window that appears on top of the website you are viewing, usually created by advertisers.
- _____ is a special folder on the hard disk that stores Web pages accessed by your browser.

[5 marks]

14. How can you protect yourself online when dealing with secure sites?

Mention 1 way to protect yourself over the internet:

[1 mark]

15. Choose the correct answer.

- i) Which of the following is not TRUE? The Data Protection Legislation states that data must be:
- a) Fairly and lawfully processed
 - b) Un-secure
 - c) Accurate
 - d) Adequate, relevant and not excessive
- ii) Companies keep large amounts of information about people. The information has to be kept:
- a) Openly and confidential
 - b) Openly and unsafe
 - c) Secure and confidential
 - d) Securely and unsafe
- iii) Companies need to make a computer back up and store it in a different building to:
- a) Save the information
 - b) Prevent it from getting stolen or destroyed by fire
 - c) Share it amongst the office users
 - d) Make it available to others
- iv) Phishing is the term used when you are directed to an illegal site that is pretending to be an:
- a) Unknown
 - b) Illegitimate
 - c) Illegal
 - d) Authorized

[2 marks]

16. Fill in the missing words using the following terms.

Podcast	Microblog	Photo sharing	Games
Internet forum	Chat rooms	Online computer	

- a) _____ are virtual spaces on Internet where individuals discuss topics in real time.
- b) _____ is a type of website that lets users publish short text updates. This web service allows the subscriber to broadcast short messages to other subscribers of the service.
- c) _____ is publishing or transfer of a user's digital photos online, thus enabling the user to share them with others.
- d) _____ is media file available on the Internet for you to listen to and/or watch.
- e) _____ can be played through the Internet or over a computer network.
- f) _____ is a message board, discussion group, bulletin board or web forum which allows all members to make posts and start new topics.

[3 marks]

17. What is a video sharing website?

[1 mark]

18. State if the following netiquette guidelines are TRUE or FALSE.

Description	TRUE/FALSE
a) Use long descriptions in the subject field of all your messages.	

b)	Messages should be concise and to the point.	
c)	Be careful about the way you express yourself in a message, especially if you feel strongly about an issue.	
d)	Always type your messages in all uppercase letters.	
e)	Ensure that your message is free of spelling and grammar errors before pressing the 'send' button.	
f)	It is very ethical to forward a message without asking permission of the person who wrote the message.	
g)	Do not make changes to someone else's message and pass it on without making it clear where you have made the changes.	
h)	You can initiate or forward chain letters and other unwanted email, known as 'spam', to your friends.	
i)	Be careful with file attachments that you send along with your mail. Large files can completely fill the recipient's mailbox making it impossible for him/her to receive any more messages.	
j)	Some networks can block the transmission of emails with large files.	

[5 marks]

19. a) List 2 advantages of using e-mail.

- i. _____
- ii. _____

[2 marks]

b) Mention one problem you may encounter when sending file attachments in an e-mail:

[1 mark]

20. Fill in the missing words using the following terms.

Phishing	Spam	Domain Name	Mailing List	Digital Signature
Virus	Carbon Copy	Netiquette	Bookmarks	Attachment

- a) _____ identifies the name of the organisation where the information is stored.
- b) _____ or distribution list is a group of e-mail addresses collected under one name.
- c) _____ is the meaning of Cc, when sending e-mails.
- d) _____ is a program designed and written to make additional copies of itself and spread from location to location.
- e) _____ is a set of guidelines intended to promote effective, efficient and responsible communication between all e-mail users.
- f) _____ is a message which often direct you to enter details in a fake website whose look and feel are almost identical to the legitimate one.
- g) _____ is a file that is sent along with e-mail messages in different forms like a music file, text or pictures.
- h) _____ is a way to ensure that an electronic document (e-mail, spreadsheet, text file, etc.) is authentic.
- i) From time to time you may receive messages with promotional material about a product or service. You may not be interested in such messages which are often referred to as unsolicited mail or _____ mail.
- j) _____ is referred to as favourites in MS Internet Explorer, these enable you to store the URLs of Web pages that you frequently visit.

[5 marks]