

# KULLEĠĠ SAN BENEDITTU

## Boys' Secondary, Kirkop

Mark

HALF-YEARLY EXAMINATION – 2013/14

Levels 5-6-7-8

FORM 3

ICT

TIME: 1h 30min

Section A	1	2	3	4	5	6	7	8			
Question											
Max. Mark	6	4	8	3	18	2	6	2			
Mark											
Section B											Global Mark
Question											
Max. Mark											100
Mark											

DO NOT WRITE ABOVE THIS LINE

Name: \_\_\_\_\_

Class: \_\_\_\_\_

### Instructions:

- ☐ Answer all the questions.
- ☐ Do not leave anything out.
- ☐ This paper carries 100 marks.

**Section 1 - The following section is about Computer Essentials.**

1. Typically all computers will have these ports. Fill in the blanks [6]

using the following words:

FireWire port	USB port	Parellel port	Serial port	Network port	HDMI port
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- a) \_\_\_\_\_ – supports fast transfer data rates. Pendrives, digital cameras, mice and keyboards can be connected to the computer via this port.
- b) \_\_\_\_\_ - supports the transfer of audio and video data through a single cable.
- c) \_\_\_\_\_ – connects or used to connect the printer to the computer.
- d) \_\_\_\_\_ – used to connect the computer to a network or a modem.
- e) \_\_\_\_\_ – connects digital video cameras to the computer. This port supports faster transfer data rates than USB ports.
- f) \_\_\_\_\_ - can be used or used to connect mice and keyboards to the computer.

2. Fill in the blanks using the words provided below about File Compression: [4]

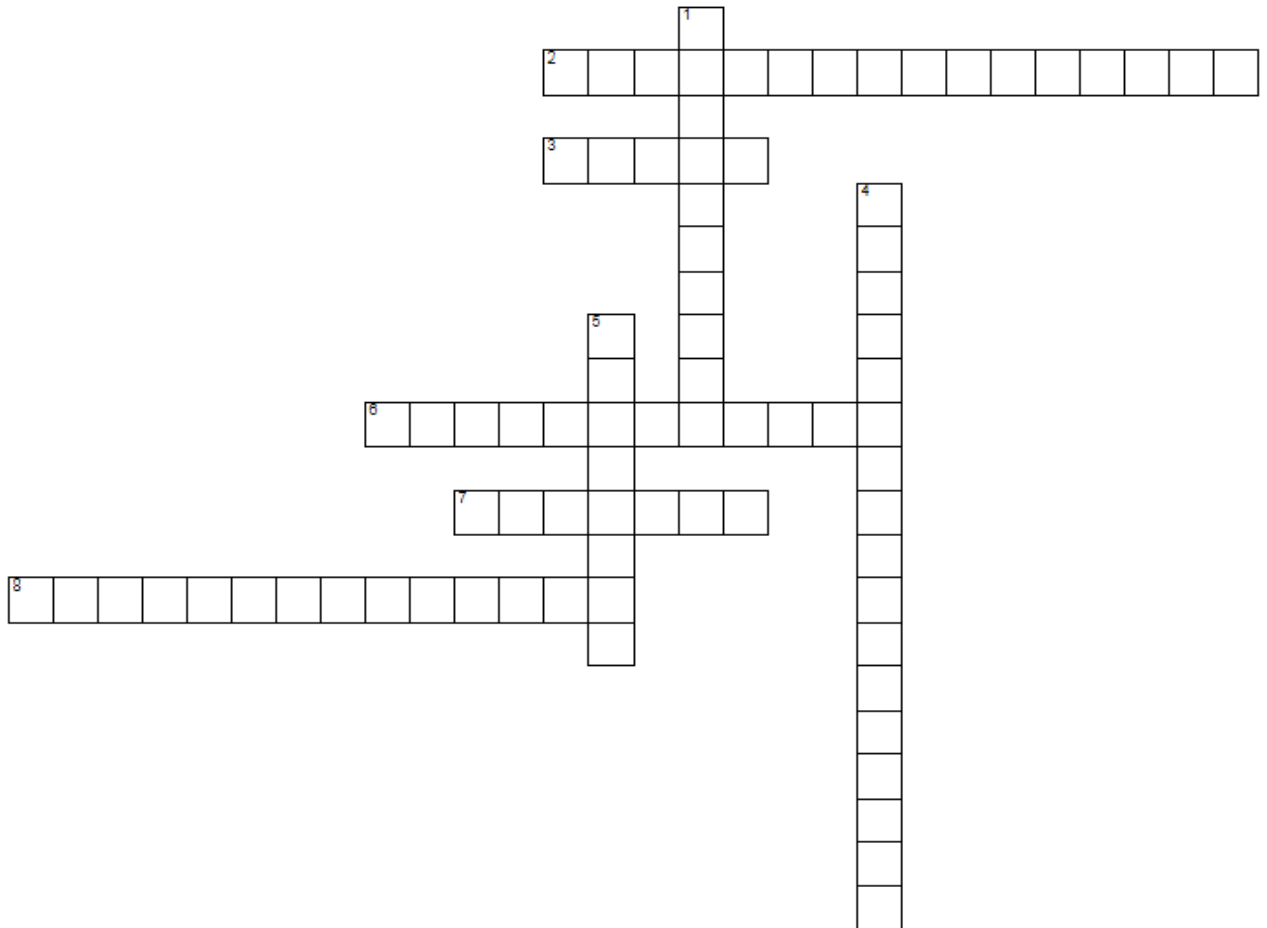
transferred	files	less	quickly
reducing	.zip	archive	smallest

File compression is the process of \_\_\_\_\_ the size of a data file to the \_\_\_\_\_ size possible. Compressed files take up \_\_\_\_\_ storage space and can be \_\_\_\_\_ to other computers more \_\_\_\_\_ than uncompressed files. Compressed files are organised in a folder ending with the extension



\_\_\_\_\_. A folder containing compressed \_\_\_\_\_ is also known as an \_\_\_\_\_ folder.

3. Fill in the crossword puzzle by reading the clues and then by choosing the best answer from the words given : [8]



Across:

2. These hard disks can be plugged into your computer via USB cable.

3. Data stored on it cannot be changed or modified.

6. A shared space that is normally shared among several users over a network.

7. An operating system.

8. Hold items such as data instructions and information for retrieval and future use.

Down:

1. Used for storing digital data in many electronic devices such as digital cameras, and mobile phones.

4. It is an internet service specifically designed to store content, such as personal files or backups.

5. All computers are supplied with one.

NETWORK DRIVE	STORAGE DEVICES	MEMORY CARD	ONLINE FILE STORAGE
CDROM	EXTERNAL HARD DISK	WINDOWS	HARD DISK

4. Arrange the following storage capacity measurements in Ascending order (from smallest to largest). [3]

KB    GB    bit    MB    byte    TB

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5. a) Write the name of each storage device using the words given below near each picture: [9]

Network drive	External Hard disk	Memory card		Internal Hard disk
DVD	Blu-Ray disc	CD	Online File Storage	USB flash drive

	_____
	_____
	_____

	
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b) Use the words of the storage devices given and fill in the missing words: [9]

- i. \_\_\_\_\_ – is a shared disk that is accessed by several computers connected to a network. It stores data files that are shared amongst several users.
- ii. \_\_\_\_\_ – is a portable device but this can store much more data than the CD. It has a storage capacity which range from 4.7GB to 17GB. Typically these disks are used for full-length movies, advanced multimedia games and interactive encyclopaedias.
- iii. \_\_\_\_\_ – is found inside the computer and contains all program folders and files. Can hold large amount of data.
- iv. \_\_\_\_\_ – is a portable device used to store data files. It has a storage capacity of 700MB.
- v. \_\_\_\_\_ - available through Internet to store data files. These can be easily accessed from any computer connected to Internet. Such storage is particularly useful to share data files with friends.
- vi. \_\_\_\_\_ - is a device used to store digital data. It can be used with digital cameras, smartphones etc.
- vii. \_\_\_\_\_ – Can hold large amount of data but it is portable and can be connected to the computer through the USB port.
- viii. \_\_\_\_\_ – this device was developed for recording and playing back high-definition (HD) video and for storing large amounts of data.
- ix. \_\_\_\_\_ – this device is small and easy to carry around. It can store large amounts of data (up to 512GB) and can be connected to the computer through USB ports.

6. a) Why is it important to backup your data?

[2]

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b) Where can you backup your data?

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7. a) What is Malware?

[6]

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b) Mention the 4 types of Malware.

- i. \_\_\_\_\_
- ii. \_\_\_\_\_
- iii. \_\_\_\_\_
- iv. \_\_\_\_\_

c) Mention 2 ways how viruses can be transmitted:

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d) How can you protect your computer from viruses?

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8. What do the following terms stand for: [2]

LAN – \_\_\_\_\_

HDMI - \_\_\_\_\_

CD - \_\_\_\_\_

DVD - \_\_\_\_\_

<b>Section 2 - The following section is about Online Essentials.</b>
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**A. Underline the correct answer.**

1. The term Internet stands for:

- a. International Networking.
- b. Interval Netting.
- c. Income Network.

2. Internet refers:

- a. to the world wide web only.
  - b. to the hardware and software that provides different communications services between computer networks.
  - c. to the chat rooms and web only.
3. Hyperlinks are:
- a. are files linking pictures together.
  - b. are text or images available on Web pages which take you to another page or website.
  - c. a list of items found in a website.
4. A web browser is:
- a. a program used to locate and display Web pages.
  - b. a program used to write and send emails.
  - c. software that is used to search information without downloading it.
5. A web server is:
- a. a computer connected to the Internet that makes Web pages available to other computers.
  - b. a computer which deletes web pages.
  - c. a system where people are served information over the websites.

**B. List the names of two browsers.**

1.

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2.

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**C. List the name of two search engines.**

1.

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2.

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**D. List two ways how you can publish or share information online.**

1.

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2.

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**E. What do the following stand for?**

1. URL stands for \_\_\_\_\_ Resource \_\_\_\_\_.

2. FTP stands for \_\_\_\_\_ Protocol.

3. SMS stands for \_\_\_\_\_ Service.

4. IM stands for \_\_\_\_\_.

5. VOIP stands for \_\_\_\_\_ Internet  
Protocol.

6. ISP stands for \_\_\_\_\_ Provider.

**F. Which internet service can they use to solve their problems?**

a. On a Sunday morning, Michela wants to transfer money from one account to the other. She can do this over the internet. This is called

\_\_\_\_\_.

b. Josef wants to study by distant learning. A university offered him this service.

This is also called \_\_\_\_\_.

c. Marya wants to buy a dress from a shop which is not found in Malta however they offer the service through their website. This is called

\_\_\_\_\_.

- d. Mario pays his MATSEC examinations online. This is called

\_\_\_\_\_.

**G. Apart from the above activities, list two other things which can be done using the internet.**

1. \_\_\_\_\_ 2. \_\_\_\_\_

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**H. What is considered good practice when searching over the internet?**

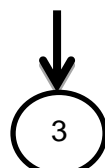
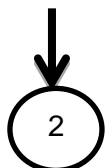
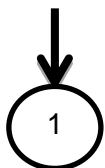
- i. The phrase to use in a search engine to search for webpages about Italian Regions is:
- a) Italian Regions
  - b) "Italian Regions"
  - c) Italian - Regions
- ii. The phrase to use in a search engine to display a list of all Web pages containing the text Italian language and not Italy is:
- a) "Italian language" AND NOT Italy
  - b) "Italian language" and not Italy
  - c) "Italian language" AND Italy
- iii. The phrase to use in a search engine to display a list of documents about cars with no mention of Italian food, is:
- a) No Italian Cars
  - b) +cars-Italian
  - c) Italian Cars

**I. Match the number with the name of the following parts of a URL.**

	File name
	Domain name

	Folders
	Service Protocol

<http://www.skola.edu.mt/exams/form3/examination.html>



**J. Write the domain to match the meaning.**







<b>com</b>	<b>edu/ac</b>	<b>net</b>	<b>org</b>	<b>gov</b>
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i		Non-profit making organisation (unions or charities).
ii		Government body or department.
iii		Networking organisation.
iv		Commercial organisation.
v		Educational institution.

**K. How to delete Temporary Internet files. Mark the steps by putting numbers.**

	Click on the <i>Tools</i> button.
	Click <i>Delete</i> .
	Click <i>Apply</i> and <i>OK</i> .
	Click on <i>Internet options</i> .
	Tick the <i>Delete browsing history</i> box.

**L. Name the following commands.**

Command	Name	Command	Name
			
			
			

**M. State whether the following statements about NETIQUETTE are true or false.**

Statement	T / F
i. Don't use short meaningful descriptions in the subject field of all your messages.	
ii. Messages should be concise and to the point.	
iii. Never type your messages in all uppercase letters unless every word is important.	
iv. Avoid overuse of acronyms in your messages.	
v. Ensure that your message is free of spelling and grammar errors before pressing the 'send' button.	

**N. State where would you search if you need to make the following tasks.**

a. Search information about Malta. **Web-based**

*E*\_\_\_\_\_

b. Translate from English to French. **Online**

*T*\_\_\_\_\_

c. Search for the meaning of a Word. **Online**

*D*\_\_\_\_\_

O. Help Maria fill in the following Web-based form. She is going abroad with her family.

The image shows a flight booking form with the following elements and numbered callouts:

- 1**: Points to the "Flights" tab in the top navigation bar.
- 2**: Points to the "Need Help?" tab in the top navigation bar.
- 3**: Points to the "Outward" label next to the departure date field.
- 4**: Points to the "Adults" dropdown menu.
- 5**: Points to the "Children" dropdown menu.
- 6**: Points to the "Infants" dropdown menu.
- 7**: Points to the "Enter coupon" input field.
- 8**: Points to the "Arrival Airport, City or Country" input field.

The form includes fields for "Departure Airport, City or Country", "Arrival Airport, City or Country", "Return", "One way", "Multi-city", "Flexible Dates", and a "Search Flights!" button.

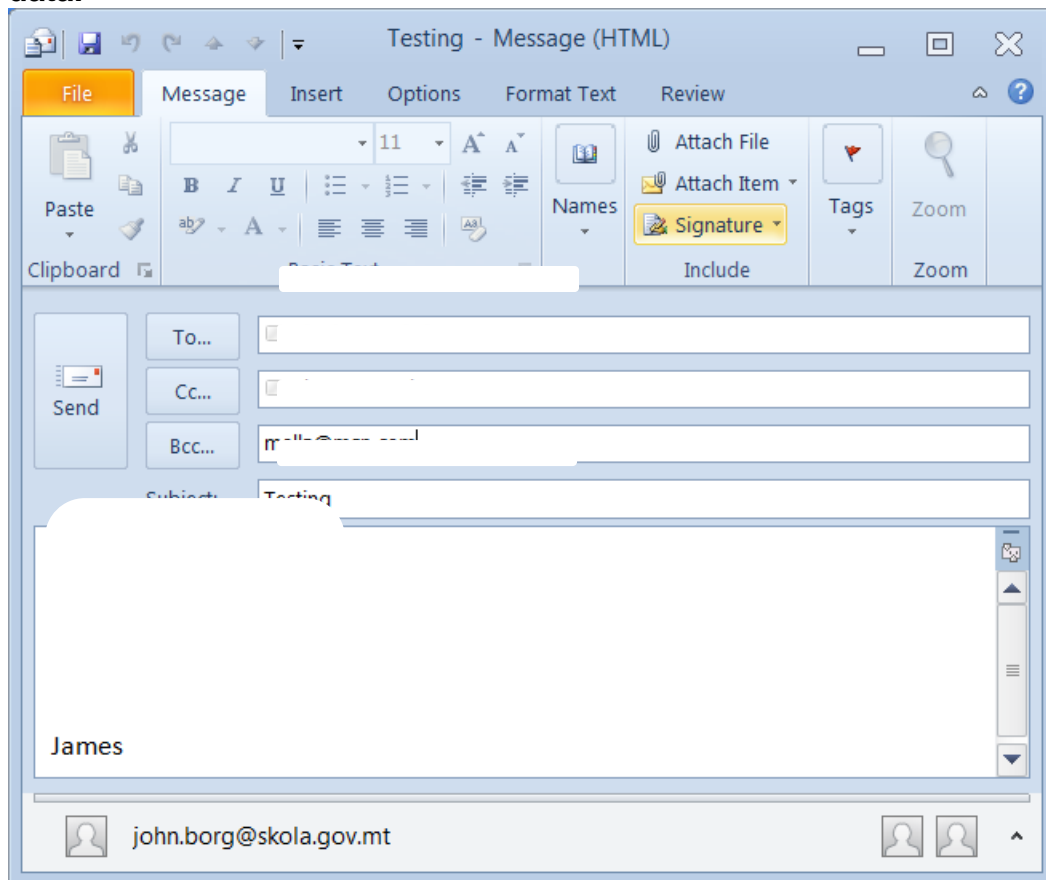
In which box do I write the following information? Write the number beside the statement.

- i. They will be leaving on 10th April 2014. \_\_\_\_\_  
They will be leaving from Malta. \_\_\_\_\_
- ii. They have a 10 year old daughter. \_\_\_\_\_
- iii. She is going to travel with her husband. \_\_\_\_\_
- iv. They have a 1 year old son. \_\_\_\_\_
- v. They will be back on 17th April 2014. \_\_\_\_\_
- vi. Once she fills the forms she presses \_\_\_\_\_
- vii. They are going to Paris. \_\_\_\_\_

**P. List two advantages of sending a message by email.**

- \_\_\_\_\_
- \_\_\_\_\_

**Q. Fill in the diagram with the following data.**



- I want to send an email to: *mcaruana5@gmail.com*
- I want to send a copy to: *fbarbara@gmail.com*
- The subject is: *Meeting*
- Write the following message: *Hi, We will meet at 10 am. Regards, John.*

**R. Match the Term with its meaning:**



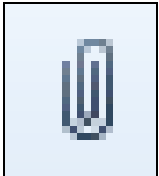
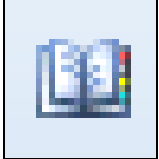




Term	Meaning
1. Encryption	is a special folder on the hard disk that stores Web pages accessed by your browser.
2. FTP	confirms that the website is secure and genuine.

3. Cookies	is the exclusive legal right that prohibits copying of intellectual property without permission of the holder.
4. A digital certificate	are unsolicited emails.
5. Cache	is the translation of data into a secret code so that if the information is hacked it would be unreadable.
6. Phishing	refers to the transfer of data on the internet namely uploading and downloading.
7. SPAM	confirms the identity of the person sending the email.
8. Pop Up	are text files that save information regarding particular websites and users. Their main purpose is to identify users and possibly prepare customised Web pages for them.
9. A digital signature	asks you to enter details at a fake website whose look and feel are almost identical to the legitimate one.
10. Firewall	is a system designed to prevent unauthorised access to your computer system when connected to Internet.
11. Data Protection Legislation	is a small web browser window that appears on top of the website you are viewing.
12. Copyright	attempts to make provision for the protection of individuals against the violation of their privacy and personal integrity by the processing of personal



data.

**S. Which command do I use?**

Command	
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	

No.	Description
	Sending the message to a different recipient (not the sender)
	Check your mail
	Needs a reply from the recipient
	Making an appointment
	Attach pictures to the message
	Giving importance to the message
	Finding an address which was saved
	Sending a reply to the sender

9.	
10.	

	Create a contact group
	Asking for help