



Subject: ICT

Levels: 5-6-7-8

Time: 1 ½ hours

Name _____

Class _____

Section 1: Computer Essentials

1. FILL IN the blanks using the words provided below.

[7]

main memory

currently

process

temporary

later

output

secondary storage

Computers are machines that _____ data which is input by the user and _____ information. Computers have two types of storage: _____ and _____. Main memory is a _____ storage used by the CPU to store the data and instructions that it is _____ using. Secondary storage is used to store data and instructions for _____ use.

2. Name **FIVE** backing **storage** devices. [5]

i. _____

ii. _____

iii. _____

iv. _____

v. _____

3. FILL IN the following with the words available below. [5]

benefit
service

any
remotely

Internet

Online storage allows the users to use the _____ to store data _____ on a server owned by an online storage _____ such as Dropbox, SkyDrive or Google Drive. The _____ of online storage is that you can access your data from _____ computer that is connected to the Internet.

4. WHAT happens to a file when it is **compressed**? [2]

5. Name **ONE advantage** of compressing a file. [2]

6. MATCH the following terms with their **definitions**.

[6]

1	Malware	Makes additional copies of itself and spreads without the user's knowledge or consent.
2	Virus	Is malware hidden inside an apparently harmless program.
3	Worms	A program designed to secretly enter your computer and damage it.
4	Trojan Horses	Collects information about users without their knowledge.
5	Spyware	Makes additional copies but spreads without attaching itself to a program. It normally slows down the computer.

7. Name **TWO** sources of malware.

[2]

a. _____

b. _____

8. Name **FIVE** activities that you can do on the Internet

[5]

a. _____

b. _____

c. _____

d. _____

e. _____

9. Name **TWO** things you can do to protect yourself online? [4]

a. _____

b. _____

10. FILL IN the following using the words below. [6]

key
transmitted

readable
secret

confidential
security

Encryption is the changing of data into a _____ code used for data _____. A secret _____ or password is needed to change it back to _____ data. It is used to safeguard _____ data while it is being _____ over the Internet.

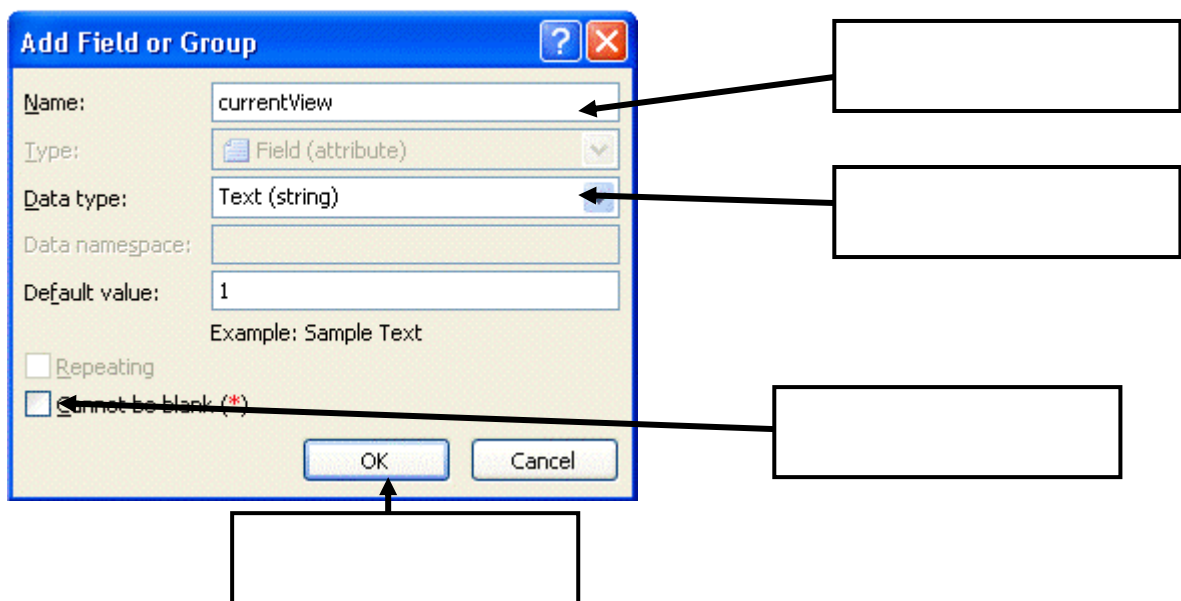
11. LABEL the following diagram with fields used for web-based forms. [4]

menu field

check box

text box

submit button



12. FILL IN the following text using the words provided below. [10]

<i>files</i>	<i>Privacy</i>	<i>websites</i>
<i>Web</i>	<i>enable</i>	<i>personal</i>
<i>necessary</i>	<i>Tools</i>	<i>block</i>
	<i>Options</i>	

Cookies are small text _____ which are created when you visit certain _____. They contain _____ details about you and can be used to customise _____ pages for you. To enable or _____ cookies you need to click on _____, followed by Internet _____ and click on the _____ tab. You can move the slider to _____ or disable cookies as _____.

13. Give **ONE** example of a search engine: _____ [1]

14. WHAT would you type in a search engine to find the following information? [6]

a. A list of French cars: _____

b. An image of a sports car that is not a Ferrari:

c. The website of your favourite football team:

15. WHY is it important to evaluate the information you find online? [2]

16. HOW can you evaluate online information? FILL IN the following text using the words below. [9]

qualifications

updated

purpose

audience

online

opinion

trustworthy

facts

entertainment

It is important to be critical and evaluate the information you find _____. First, you need to find out the _____ of the site and check whether it is intended to present _____, the author's personal _____, or if it is intended for _____ or commercial purposes. It is also important to note who the author is and what his/her _____ are on the topic. You need to check if the page is up-to-date and if it has been _____ recently. Finally you also need to consider the _____ that the web page was intended for. These will help you figure out whether the information you found is _____ or not.

17. WHAT does having a **copyright** on material published on the Internet mean? [2]

18. WHAT is the **purpose** of the Data Protection Act? [2]

19. The following are part of what is included in the Data Protection Act (2001). FILL IN the blanks with the words provided. [4]

good *lawfully*
specific *fairly*

a. Personal data is processed _____ and _____.

b. Personal data is always processed in accordance with _____ practice.

c. Personal data is only collected for _____, explicitly stated and legitimate purposes.

20. WHAT is an **online community**? [1]

21. Name FOUR examples of online communities. [4]

a. _____

b. _____

c. _____

d. _____

22. Facebook is an example of a _____ [1]

23. Name TWO methods that you can use to publish content online. [2]

a. _____

b. _____

24. WHAT do the following abbreviations **stand for**? [6]

a. IM: _____

b. SMS: _____

c. VoIP: _____

25. Name **ONE** advantage of IM over email? [2]
