Information and Digital Technology Web and Software Applications

Section II

30 marks Attempt Questions 21–25 Allow about 40 minutes for this section

Answer the questions in the spaces provided. These spaces provide guidance for the expected length of response.

Que	estion 21 (6 marks)	
(a)	Why are power leads tagged? Paver leads are lagged to show	2
	and ensure that they work and pose no innediate threat	
(b)	Describe how a workstation can be set up to minimise neck, back and wrist pain. To minimise nech back and wrist pain every thing that is	4
	used frequently should be within	
	seat and monitor should be adjusted to appropriate heights	
	The height of the seat relative to the desh can also help reduce wrist injury.	

DOWNLOAD HERE!

Question 22 (4 marks)

This diagram shows the home page for the 'BullsEye' operating system.

IsEye O.S. is operating system software developed in a collaborative effort by a numurity of programming experts. The source code is available free of charge and is illable for public use and/or modification from its original design. IsEye O.S. provides this download without prejudice and "the collaborative" does not ke any financial gain from its download. BullsEye O.S. may be downloaded in full or an ISO to flash media and/or CD-ROM. Latest Release:BE 2.1.1 Is latest version of BullsEye contains all bug fixes previously listed by registered users. Is version has been through a beta release on mobile and handheld devices for ctionality. DOWNLOAD GET SUPPORT CODE>> CONTRIBUTE CODE>> CODE>> CODE>> CODNATE>>	Home	About	Documentation	Community	Developers	Support
nunity of programming experts. The source code is available free of charge and is ble for public use and/or modification from its original design. Eye O.S. provides this download without prejudice and "the collaborative" does not any financial gain from its download. BullsEye O.S. may be downloaded in full or ISO to flash media and/or CD-ROM. Test Release:BE 2.1.1 attest version of BullsEye contains all bug fixes previously listed by registered users. Version has been through a beta release on mobile and handheld devices for conality. DOWNLOAD O GET SUPPORT S CONTRIBUTE	me to	BullsEye				
e any financial gain from its download. BullsEye O.S. may be downloaded in full or ISO to flash media and/or CD-ROM. atest Release:BE 2.1.1 latest version of BullsEye contains all bug fixes previously listed by registered users. version has been through a beta release on mobile and handheld devices for tionality. DOWNLOAD 2 GET SUPPORT S CONTRIBUTE	munity o	of program	ming experts. The so	ource code is ava	ailable free of cha	
s latest version of BullsEye contains all bug fixes previously listed by registered users. s version has been through a beta release on mobile and handheld devices for ctionality. DownLoad Get Support Contribute	ke any fir	nancial gai	n from its download.	BullsEye O.S. m		
eversion has been through a beta release on mobile and handheld devices for etionality. DownLoad OGET SUPPORT GONTRIBUTE	atest Re	elease:BE 2	2,1.1			
DOWNLOAD GET SUPPORT SCONTRIBUTE						
			through a beta relea	se on mobile an	d handheld devic	es for
CODE STORY CONTRACTOR						
	~150 IIVI	AGE	SONAISS	S CINAII P	44000227	- DOIVALE
		**	AR AND CONTRACTOR CONTRACTOR			
Identify TWO key features that define BullsEye O.S. as open source software		. 5	open	50011E	nreac	15 0 17
This is upen source because it						
This is upen source because in	wo	25 M	ade by	a collab	ore hive	con-
This is open source because it was made by a collaborative com-	uc	es m	ode by	a collab	code	con-
This is open source because it was made by a collaborative con-		d a g	ode by Iso He ble free	a collab	code	con-

onto a USB. This USB will then

be set as the boot drive I media

in the BJOS,

Information and Digital Technology Web and Software Applications

Section II (continued)

Quest	ion	23	15	mark	(0)	i
Quest	поп	43	w	Hidik	13	ı

(a)	Why is it NOT necessary to run a disk defragmenting utility on a solid state drive?	1
	This is unecessary as SSD's are not	

dish's Mey are RAM, this will break

(b) The following is part of a server backup log from a small business.

Date Media ID Verified Backup type Media type 3/10/2014 Full HDD 131003-A 131003-B 6/10/2014 Incremental Cloud 131006-A 7/10/2014 Incremental Cloud 131007-A DVD Differential 8/10/2014 131008-A 9/10/2014 Incremental Cloud 131009-A

Using the information in the backup log, describe and justify the most efficient procedure for restoring the full system in the event of a hardware failure on 10/10/2014.

The	best.	·······	sy w	04/4	be	0 15	5/010
	for						
<i>i.F</i>	was	<i>Q</i>	hu//	buchup	n tho	t.h	<u>us</u>
hos		1.65	Oh	9	hora	1 01-	ive.
IF	one	HOU	na na	5	26649	<i>‡!</i>	Le
	e- (

Question	24	6	marks	١
----------	----	---	-------	---

(a)	Using an example, distinguish between a formula and a function in a spreadsheet.	2
	A formula is the actual formula	
	used while He hartion is	
	how and when the foliala	
	13 USPC1.	
(b)	Describe file management functions that need to be implemented to ensure that a confidential document can only be accessed by authorised users and that the document is up to date.	4
	Firstly for confidentiality Me document can be encrypted or	
	passworded For information about	
	if it is up to date you can	
	check when it was last edited.	
	You could also create a log	
	that people need to fill out	
	summerising the changes they made.	

Information and Digital Technology Web and Software Applications

Section II (continued)

Que	estion 25 (9 marks)	
(a)	What is a benefit of using cascading style sheets (CSS) in website development? If you change the original or te-plate layout it will apacte the other pages	1
(b)	Why is it useful for a web author to understand coding as well as WYSIWYG authoring? Both are useful as the employee needs to know how to cocle but they also need to know how wysIwyG want to present themselves	2

Question 25 continues on page 14

Question 25 (continued)

(c) This is the source code for a webpage.

```
<!DOCTYPE html>
<html lang="en">
<head>
<title>My Holiday</title>
</head>
<body style="background-color:yellow; font-family:arial;">
<h1>My Holiday</h1>
We went to <strong><em>Hawaii</em></strong> by plane, then cruised to 4
<Strong><em>Tahitian islands</em></strong> on a cruise boat
>We came back to Sydney on the cruise boat which was very
<em>relaxing</em>
    <h2>Oahu Hawaii</h2>
    In Hawaii we stayed on the Island of Oahu
   While in Oahu we visited the following places<br/>

br />
        <strong>Honolulu</strong>, Capital of Hawaii
        Pearl Harbour
        "USS Arizona" Monument
        <img src = "arizonamonumentsmall.png"
            alt = "USS Arizona monument" />
        Waikiki Beach
        Diamond Head
        Sunset Beach
        Waimea Bay
    <h6>copyright : GS. October 2014</h6>
</body>
</html>
```

Question 25 continues on page 15

6

Question 25 (continued)

Draw the webpage as it would appear in a browser based on the given code. You may use text to describe features you cannot draw.

My Holiday (April tont) My HolidayA (h1)

We went to Hawaii Aby) plane, Men cruised by

to 4 Tahitiani islands on a cruise boot we came buch to Sydney on the cruise boat which was very relating. (hold) Oaku HawaiiA (h2) (total) In Housi's ne stayed on the Island of outer while in Outer we wis ited the following places: (bold)

o Honolulu, (apital of Hawaii
e Pearl Horborr I maye - USS Arizona mon · Waikiki Beach · Diamond Head · Sunset Beach copyright: 45. October 2014

End of Question 25