



SURNAME: NAWEED.

FORENAME(S): ZAINAB.

12 Pages

1. Please give the information requested in the boxes below.
2. Enter your name in the space provided to the right, fold over and seal down (using the label provided) to hide your name.
3. The answers must be legibly written. The Examiners can either ignore illegible script or have it typed and the expense of typing charged to the candidate.
4. Write your answers in ink.
5. Begin each answer on a fresh page. Do all rough work in the answer book and cross it through.
6. No part of this book is to be torn out; it must be handed in complete.
7. If more books than one are used, fasten them together using the tags available from the invigilator(s).
8. **Every book must be handed in. In no circumstances may answer books, used or unused, be taken out of the examination venue.**

1	Student Number	2221255
2	Title of Examination Paper	Network & Cybersecurity Essentials
3	Module Code	ACCA4024
4	Date and Time of Examination	22/11/23. 10:12am
5	Examination Venue	Quay Place.
6	Seat Number	N/A.
7	Number of Answer Books handed in	

[illegible]

(Gweler yr ochr arall am y fersiwn Cymraeg)



Prifysgol Cymru
Y Drindod Dewi Sant
University of Wales
Trinity Saint David

Llyfr Atebion Arholiadau

12 Tudalen

Cyfarwyddiadau i Ymgeiswyr

1. Rhwch yr holl wybodaeth yn gofynnir amdani yn y blychau isod.
2. Rhwch eich enw yn y lle a ddarparwyd ar y dde, plyngh et a'i seilio i lawr (gan ddefnyddio'r label a ddarparwyd) i guddio'ch enw.

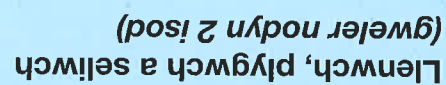
3. Rhaid i'r atebion fod mewn llawysggrifedd ddarlleuadwy. Gall yr Arholwyr naill ai anwybyddu sgrifft annarllenadwy, neu drefnu iddi gael ei theipio a chael yr ymgeisydd i dalu.

4. Ysgrifennwch eich atebion mewn inc.
5. Dechreuwch bob ateb ar dudalen newydd. Gwnewch unrhyw ffras nodiadau yn y llyfr atebion a thynnu llinell drwyddynt.
6. Ni ddylid rhwygo unrhyw ran o'r llyfr hwn; rhaid ei gyflwyno yn gyfan.
7. Os defnyddir mwy nag un llyfr, rhwymwch hwy gyda'i gilydd gan ddefnyddio'r tagiau sydd ar gael oddi wrth y gwyllwrr/gwyllwyr.
8. Rhaid dychwelyd pob llyfr. Ni chaniateir mynd â llyfrau atebion, wedi eu defnyddio neu heb eu defnyddio, allan o'r lleoliad arholi o dan unrhyw amgylchiadau.

7	Nifer y Llyfrau Atebion a gyflwynwyd	
6	Rhif Sedd	
5	Lleoliad yr Arholiad	
4	Dyddiad ac Amser yr Archoliad	
3	Cod y Modwl	
2	Teitl y Papur Arholiad	
1	Rhif Myfyrwr	

[illegible]

(See the other side for English version)



CYFENW:

ENW(AU) CYNTAF:

Part 1:-

Total

44.5/50

36/40

Q1. B ✓

Q2. A ✓

Q3. A ✓

Q4. B ✓

Q5. A ✓

Q6. D ✓

Q7. B ✓

Q8. C ✓

Q9. ✓

Q10. D ✗

Q11. C ✓

Question No.		Examiner Only	Question No.	Examiner Only
Q12	A ✓			
Q13	D ✓			
Q14	A ✓			
Q15	B ✓			
Q16	A ✗			
Q17	B ✓			
Q18	B ✓			
Q19	A ✓			
Q20	B ✓			
Q21	B ✓			
Q22	A ✓			
Q23	D ✓			
Arholwr yn unig		Arholwr yn unig		Rhify Cwestiwn

Q24

B ✓

Q25

~~A~~ B ✓

Q26

D ✓

Q27

C ✗

Q28

B ✓

Q29

C ✓

Q30

C ✓

Q31

A ✓

Q32

C ✓

Q33

B ✓

Q34

D ✓

Q35

B ✓

Q36

B ✓

Question No.

Q 37

C

Q 38

C

Q 39

A

Q 40

B

Examiner Only

Question No.

Examiner Only

Q45.

wireless network can be accessed by any other device as it works ~~like~~^{on} a signal just like a Radio Station. Anyone can tune in. To make it secure, one can

1. change the Default Name of the wireless.
2. Encrypt the network
3. Use fire wall software.
4. never send the password on ^{un}encrypted messages.
5. Strong Password.
6. Use WEP2 & WEP3.
7. Consider an Antivirus software.
8. Set the Broadcast of ~~LAN~~ Name off so it's not shown to the ~~use~~ unauthorized users.

Part 2

6.5/10

Q41.

A ping command provides a test to check the connection between the ~~source~~ to message. ~~at~~ Sender and the destination it is used to ~~test~~ end-to-end connectivity between hosts.

It checks the ~~track~~ of the ~~packet~~^{route} of the message sent to the destination. If there is a ~~error~~^{error} between somewhere the trip this command can not help.

Q42.

~~Protocol design~~

Bottom layer of OSI model. cables and wireless connection make and the hardware.

Q43. Fibre optic is ^{glass & plastic} made of open cable.
 A minimum It has a very high Bandwidth
 and ~~carry~~ ^{carry} vast amount of data.
 It ~~doesn't~~ ^{doesn't} contain electricity, It is
 compatible of to MFI and RFI so.
~~network cable~~.
 The environments where interference
 is ~~not a problem~~ ^{a problem} the work really well.
 They are used in ~~server centers~~ ^{backbone networks}.
 large ~~communication~~ ^{communication} environments and server centers,
 where. Twisted Pair cable are
 made of open and used
 in network places as network
 cables.

Q44. Malware is a software or a code
 which is created ~~to~~ ^{to} harm
 a network, computer or server.
~~There are~~ This is commonly used
 in cyber Attacks due to its
 various subsets: They are.
 Trojans, Worms, Virus, Spyware,
~~Malware~~, Ransomware, Cryptjacking
 and Adware.

- * Virus are caused by modifications
 in the OS, File, Hardware.
- * Trojans are the ^{set of} ~~program~~ digital
 program. it is actually a tool.
- * Adware: They are the ads.
- * Spyware: It comes across as
~~dis~~ disguised in fake