



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	2228229
2	Title of Examination Paper	Network and Cybersecurity Essentials
3	Module Code	ACCA 4024
4	Date and Time of Examination	22.11.2023
5	Examination Venue	
6	Seat Number	
7	Number of Answer Books handed in	

[illegible]

(Gweler yr ochr arall am y fersiwn Cymraeg)



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

Llyfr Atebion Arholiadau

12 Tudalen

Cyfarwyddiadau i Ymgeiswyr

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

3. Rhaid i'r atebion fod mewn llawysgrifen ddarlunadwy. Gall yr Arholwyr naill ai anwybyddu sgript 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 fras nodiadau yn y llyfr atebion a thynnwch llinell drwyddynt.
6. Ni ddylid rhwgo 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 gwyllwr/gwylywr.
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 Myfyriwr	

(See the other side for English version)

Rheswrnach rffau'r cwestiynau a ymgeiswyrd gennydh	
At Dibenion y Swyddfa	Cyfanswm

Lienwch, plygwh a seliwh
(gweler nodyn 2 isod)

CYFENW:

ENW(AU) CYNTAF:

30

Q1

b

Q2

a

Q3

a

Q4

b

Q5

d

Q6

c

Q7

b

Q8

c

Q9

a

Q10

c

Q11

d

Q12

b

Q13

d

Q14

a

Q15

a

Q16

a

Q17

Q18

a

Question No.		Examiner Only	Question No.	Examiner Only
Q19	a ✓			
Q20	b ✓			
Q21	b ✓			
Q22	b ✗			
Q23	d ✓			
Q24	b ✓			
Q25	b ✓			
Q26	d ✓			
Q27	b ✗			
Q28	a ✗			
Q29	c ✓			
Q30	c ✓			
Q31	a ✓			
Q32	a ✗			
Q33	d ✗			
Q34	d ✓			
Q35	d ✗			
Q36	a ✗			
Arholwr yn unig		Arholwr yn unig	Rhif y Cwestiwn	

Q37 c ✓

Q38 b ✗

Q39 a ✓

Q40 b ✓

25

Part 2

Q41 Ping command is help us to test connectivity between hosts, End-to-end connectivity, IP address, Subnetmask. The most important information is a good connectivity between hosts. (1)

Q42 Physical Layer is enable to connect end devices intermediate devices with media devices. such as coaxial cable, Fibre-optical cable. In this layer data is interpreted as bits. (2)

End devices: Laptop, desktop computer
 Intermediate devices: Router, switches,
 media devices: Fibre-optic cable, Coaxial cable

5

Q43 Fibre optic cable ~~has~~^{is} immune for EMI and RFI but Twisted pair cable is sensitive for EMI, and RFI. Fibre optic cable is more expensive than Twisted pair cable. Twisted pair cable is easy to instal, cheap, and flexible. is made from Aluminum, and Fibre-optic cable is not so flexible, is made from glass ~~it~~ has a high bandwidth.

Q 44

Viruses

Q 45