



FORENAME(S): SANAM

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	2220569
2	Title of Examination Paper	Network and Cyber Security Essentials
3	Module Code	ACCA4024
4	Date and Time of Examination	22/11/2023 10.15am.
5	Examination Venue	LR7.
6	Seat Number	
7	Number of Answer Books handed in	1

[illegible]

(Gweler yr ochr arall am y fersiwn Cymraeg)



Prysgol Cymru
Y Prindod Dewi Sant
University of Wales
Trinity Saint David

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, pigwch ef a'i selio i lawr (gan ddefnyddio'r label a ddarparwyd) i guddio'ch enw.

3. Rhaid i'r atebion fod mewn llawysgriften ddarlennadwy. Gall yr Arholwyr naill ai anwybyddu sgrïpt annarllennadwy, 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 thynnu 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 gwylt/wr/gwylt/wyr.
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.

[illegible]

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

(See the other side for English version)

CYFENW:

ENW(AU) CYNTAF:

Llenwch, plygwrch a seilwch
(gweler nodyn 2 isod)

PART 1

Q1. ☒ bQ2. ☒ a

Q3. a

Q4. b

Q5. a

Q6. d

Q7. a

Q8. ☒ c

Q9. a

Q10. ☒ c

Q11. c

Q12. a

Q13. d

Q14. a

Q15. b

Q16. a

Q17. c

33/40

Total
42.5/50

Q18 b ✓

Q19 a ✓

Q20 b ✓

Q21 b ✓

Q22 a ✓

Q23 d ✓

Q24 ~~a~~ b ✓

Q25 b ✓

Q26 d ✓

Q27 d ✓

Q28 ~~a~~ b ✓

Q29 c ✓

Q30 c ✓

Q31 ~~a~~ a ✓

Q32 c ✓

Q33 b ✓

Q34 d ✓

Q35 b ✓

Q36 a ~~f~~Q37 b ~~f~~

Q38 c ✓

Q39 b ~~f~~

Q40 b ✓

PART 2

Q41. The two important pieces of information in a ping command which provide a network connection ~~are~~ ~~network host and host address~~ ~~connected to ping config~~ ~~and for source and destination numbers~~ and tests the end-to-end connectivity between hosts.

Q42. physical layer is the first layer of the network, examples of equipment used are cables connecting to destinations, and devices that are being used also a mouse can be used wireless routers can be used.

Q43. fibre optic cables are more cost effective and inexpensive to use and can be used for larger capacities, twisted pair cables are more expensive to run and need more security measures for them to be installed. Twisted cables can be extended for several miles and could be immune for EMI and RFI.

Q44. Two types of malware/malicious codes are ~~spreading~~ ~~malware~~ ~~malicious~~ Trojan, and cryptoticket and are viruses that come into malware to make attacks happen.

Q45. 2 ways to defend against malicious attacks on a wireless network are to get more security systems in place like more secured network, secure IP addresses, using authentication apps to secure the network and avoid any attacks.

9.9/10

