



CYFENW:

Cyfarwyddiadau i Ymgeiswyr

12 Tüdalen

Llyfr Atebion Arholiadau

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 Arholiad	
3	Cod y Modwl	
2	Teitl y Papur Arholiad	
1	Rhif Myfyriwr	

(See the other side for English version)

[illegible]

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

Examination Answer Books

12 Pages

Instructions to Candidates

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	2233652
2	Title of Examination Paper	NETWORK AND CYBER SECURITY ESSENTIALS COMPONENT 1
3	Module Code	ACCA4024
4	Date and Time of Examination	22/11/2023 10 ⁰⁰
5	Examination Venue	LR 6
6	Seat Number	—
7	Number of Answer Books handed in	1

[illegible]

(Gweler yr ochr arall am y fersiwn Cymraeg)

Question No.

Examiner Only

Question No.

Examiner Only

Part 1

- 1 b ✓
- 2 a ✓
- 3 a ✓
- 4 b ✓
- 5 a, b ✓ ~~abc~~
- 6 d ✓
- 7 b ✓
- 8 c ✓
- 9 a ✗
- 10 c ✓
- 11 d ✓
- 12 b ✓
- 13 d ✓
- 14 a ✓
- 15 b ✓
- 16 a ✗
- 17 b ✓

Question No.

18 b ✓

19 a ✓

20 b ✓

21 b ✓

22 b ✗

23 d ✓

24 b ✓

25 b ✓

26 d ✓

27 b ✗

28 b ✓

29 c ✓

30 c ✓

31 a ✓

32 c ✓

33 b ✓

34 d ✓

35 c ✗

Examiner Only

Question No.

Examiner Only

36 a ☒37 a ☒38 b ☒39 a ☒40 b ☒

32

Part 2

41 it provides information if the connection is active and shows the IP address of the destination and the speed of connection. (1)

42 The physical layer incorporates the network media and end devices that transmit and receive the information. (1)

43 Fiber optic is using light pulses and has a glass or plastic core, and is immune to EMI and RFI. (1)
Twisted pair cable uses copper wire and transmits using electricity and is not immune to EMI and RFI. (2)

44 Viruses need a program to propagate and infect a host, they corrupt the software and compromise or steal data. (1)

45. Mals ~~file~~ add a mals extension to files on a host and need a decryption key to decrypt the data. They are a type of ransomware.

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45 One way is to use WPA 2 or even WPA 3 that is getting implemented. Another way is to turn off SSID broadcast.
We can change default SSID and password.
Or we can use ^{physical} MAC address filtering. (2)