

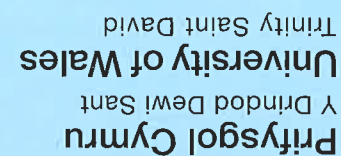


12 Pages

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 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.**

[illegible]

(Gweler yr ochr arall am y fersiwn Cymraeg)



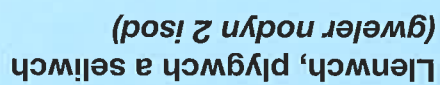
12 Tudalen

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

3. Rhaid i'r atebion fod mewn llawysgriften ddarllenadwy. Gall yr Arholiwr naill ai anwybyddu sgrïpt 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 thymnu 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 gwyllwyr/gwyliwyr.
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 amgylchriad.

[illegible]

(See the other side for English version)



CYFENW:

ENW(AU) CYNTAF:

Q1

b



Q2

b



Q3

c



Q4

b



Q5

d



Q6

d



Q7

b



Q8 b ✓

Q9 b ✓

Q10 d ✓

Q11 d ✓

Q12 b ✓

Q13 c ✓

Q14 a ✓

Q15 b ✓

Q16 b ✓

Q17 b ✓

Q18 b ✓

Q19 c ✗

Q20 a ✗

Q21 b ✓

Q22 a ✓

Q23 d ✓

Q24 a ✗

Q25 b ✓

Q26 d ✓

Q27 d ✓

Q28 b ✓

Q29 C ✓

Question No.		Examiner Only	Question No.	Examiner Only
Q 30	d ✓			
Q 31	b ✓			
Q 32	a ✓			
Q 33	c ✓			
Q 34	d ✓			
Q 35	b ✓			
Q 36	b ✓			
Q 37	c ✓			
Q 38	d ✓			
Q 39	c ✓			
Q 40	c ✓			
Arholwr yn unig		Arholwr yn unig		Rhif y Cwestiwn

24

Part 2

Q41 The host, the destination of travel (1)

Q42 Cables, = Twisted, Copper, and routers
the Physical layer is what we can see
connecting, homes offices and big organisations
in a physical form, to the web.

Q43 Fibre optic cable = Carries Light through
optic cables these can be glass or plastic
at very high speed, often used for big
organisations or big infrastructure. due to
the durability to emi they offer better
resistance to interference. (2)

twisted pair cables = often are regrettably
affected by emi. they are copper and
many twisted pairs need to be protected
by a layer of foil. Many twisted
layers like eight can have a problem
with interference due to cross over
of system information within the wire
if not correctly fitted, due to this they
can be less effective than fibre optic
cable.

Q44 Man in the Middle attack, where
someone has information from the user
to infiltrate a system and steal or shut
down a system with malicious intent.

Phishing is another form of attack where some posed as an official business sending emails hoping you click on the email then using spyware to obtain information such as keyboard layout activity.

Q45 The best way to defend against an attack in cyber, would be to install firewall and anti malware system (API). The training of staff in Great Protocol in Cyber security keeping passwords above 14 characters and mixing symbols with numbers, and to avoid using dictionary words, mixed with hashing and setting ~~to~~ to fortify the network from cyber criminals.