



SURNAME: RĂZOARE

FORENAME(S): GEORGHIE DANIEL

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.**

List the numbers of the questions you have attempted	Office Use
1	1
2	7
3	2 1/2
Total	9 1/2

(Gweler yr ochr arall am y fersiwn Cymraeg)

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

Rhestwrch rfaur ymgeisydd a gwasthyrau a gennych	Cyfanswm
Af Ddibenion y Swyddfa	

1. Rhaid i'r atebion fod mewn llawysggrifedd darllenadwy. Gall yr Arholwyr naill ai anwybyddu sgrifft annarllenadwy, neu drefnu iddi gael ei theipio a chael yr ymgeisydd i dalu.
2. Ysgrifennwch eich atebion mewn inc.
3. Dechreuwch bob ateb ar dudalen newydd. Gwnewch unrhyw fras nodiadau yn y llyfr atebion a thynnu llinell drwyddynt.
4. Ni ddylid rhwgo unrhyw ran o'r llyfr hwn; rhaid ei gyflwyno yn gyfan.
5. Os defnyddir mwy nag un llyfr, rhwymwch hwy gyda'i gilydd gan ddefnyddio'r tagiau sydd ar gael oddi wrth y gwyllwr/gwylywr.
6. 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.

1. Rhowch yr holl wybodaeth y gofynnir ati i'r tabl guddio'ch enw.
2. Rhowch eich enw yn y lle a ddarparwyd i'w hysgrifennu.

Cyfarwyddiadau i Ymgeiswyr

12 Tudalen

Llyfr Atebion Arholiadau



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

Llenwch, plygwrch a selwch
(gweler nodyn 2 isod)

CYFENN:

ENW(AU) CYNTAF:

1 a) Redundant topology

b)

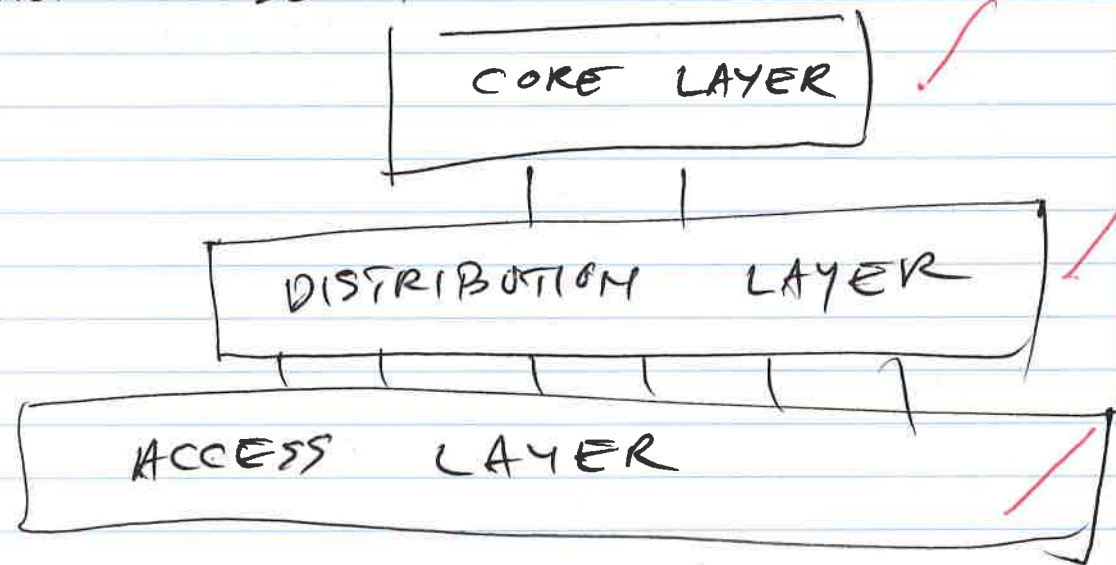
c) Layer 2 vulnerabilities:

- MAC Spoofing, when an unauthorized device uses an authorized MAC address to obtain access to network resources.

2

q/ i.

NETWORK DESIGN



ii. CORE LAYER : is designed for forwarding a high volume of traffic and hasn't other responsibilities as switching policies or access control.

DISTRIBUTION LAYER : is used for ~~switching~~ switching policies, QoS and Security

ACCESS LAYER : It connects end devices to the networks Computers, Voip phones, Access points.

iii Access Layer is very easy ~~exp~~ scalable, high redundancy,

b) Best practices for SNMP:

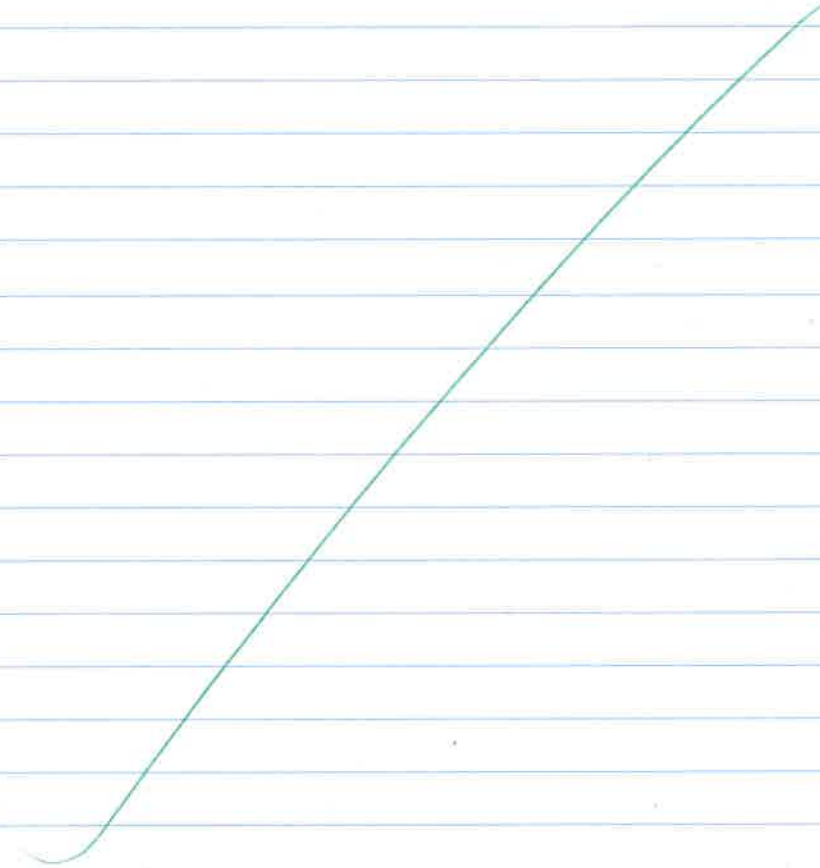
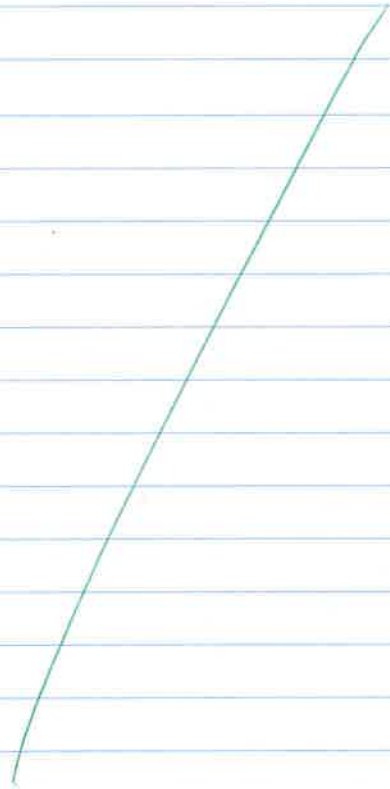
— Last version should be used because previous versions have vulnerabilities;

3. a) To avoid using a switch port for ~~each~~ each VLAN, VLAN Trunking Protocol is designed to allow traffic generated by different VLANs to be forwarded through one physical port.

b) Dynamic trunking protocol (DTP) is a Cisco proprietary protocol designed for automatic detection and configuration of trunks.

c) VSS - It is a Cisco proprietary protocol.

4. Because the expansion, new distribution and access layers are required in the new buildings.
For distribution Layer, Catalyst Switches will be used.

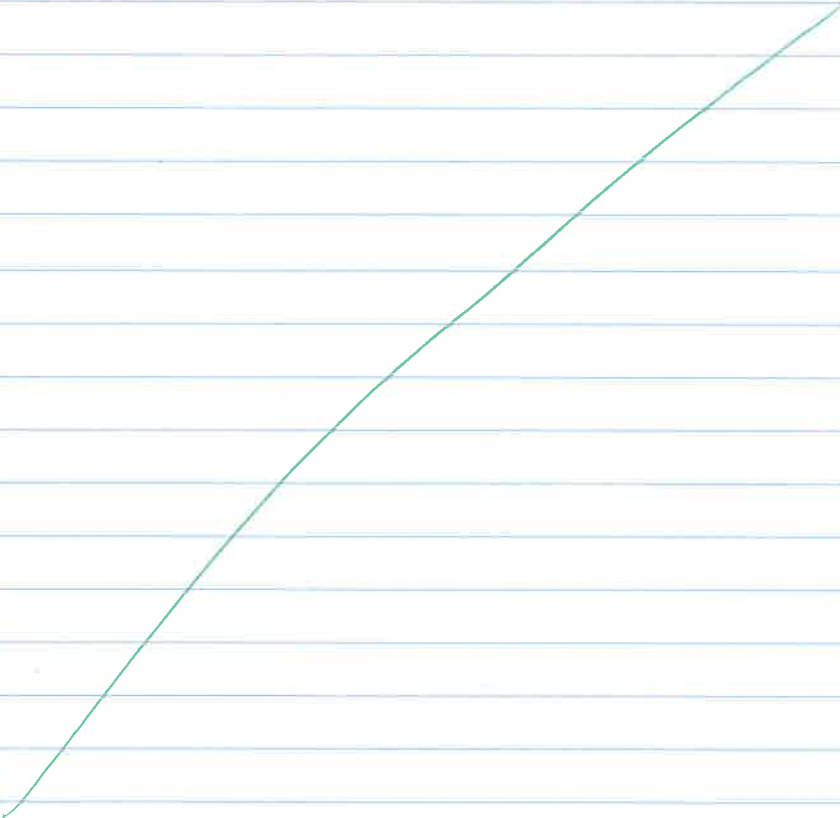
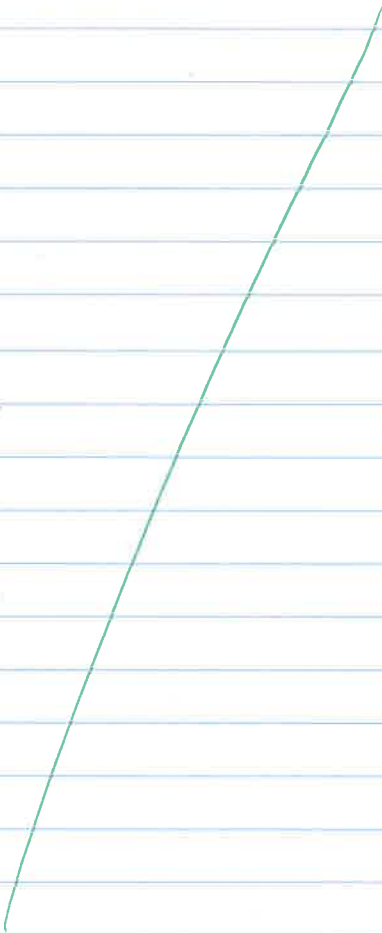


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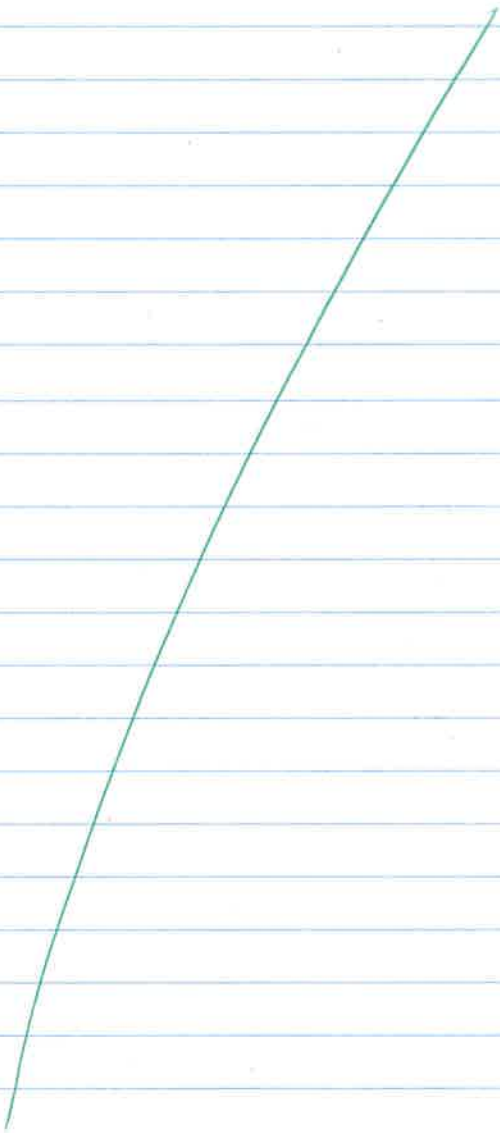


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Examiner Only



Arholwr yn unig

Arholwr yn unig Rhif y Cwestiwn

Rhif y Cwestiwn