



Benodigdhede vir hierdie vraestel/Requirements for this paper:

Multikeusekaarte/
Multi choice cards:

☐

Nie-programmeerbare sakrekenaar/
Non-programmable calculator:

☐

Grafiekpapier/
Graphic paper:

☐

Draagbare rekenaar/
Laptop:

☐

Oopboek-eksamen/
Open book examination:

☐

EKSAMEN/
EXAMINATION:

Klastoets 1

KWALIFIKASIE/
QUALIFICATION:

B.Sc.; B.Sc. in IT;

MODULEKODE/
MODULE CODE:

ITRW322

DUUR/
DURATION: 30 minute

MODULE BESKRYWING/
SUBJECT:

Bedryfstelsels / Operating systems

MAKS / MAX: 20

EKSAMINATOR(E)/
EXAMINER(S):

Mnr. H. Foulds

DATUM /
DATE: **2018/08/27**

MODERATOR:

TYD / TIME: **11:00**

Vraag 1 / Question 1

Bespreek die verskille tussen die OSI en TCI/IP modelle.

Discuss the differences between the OSI and TCI/IP models.

(8)

par 1.4.4

Services, Interfaces, Protocols

Model vs implemented protocols

Layers

Connectionless vs Connection-oriented

(4x2 punte)

Vraag 2 / Question 2

Vergelyk 3 metodes vir deurlaatbandversending.

Compare 3 methods for passband transmission.

(6)

fig 2-22

ASK, FSK, PSK (AM, FM, PM)

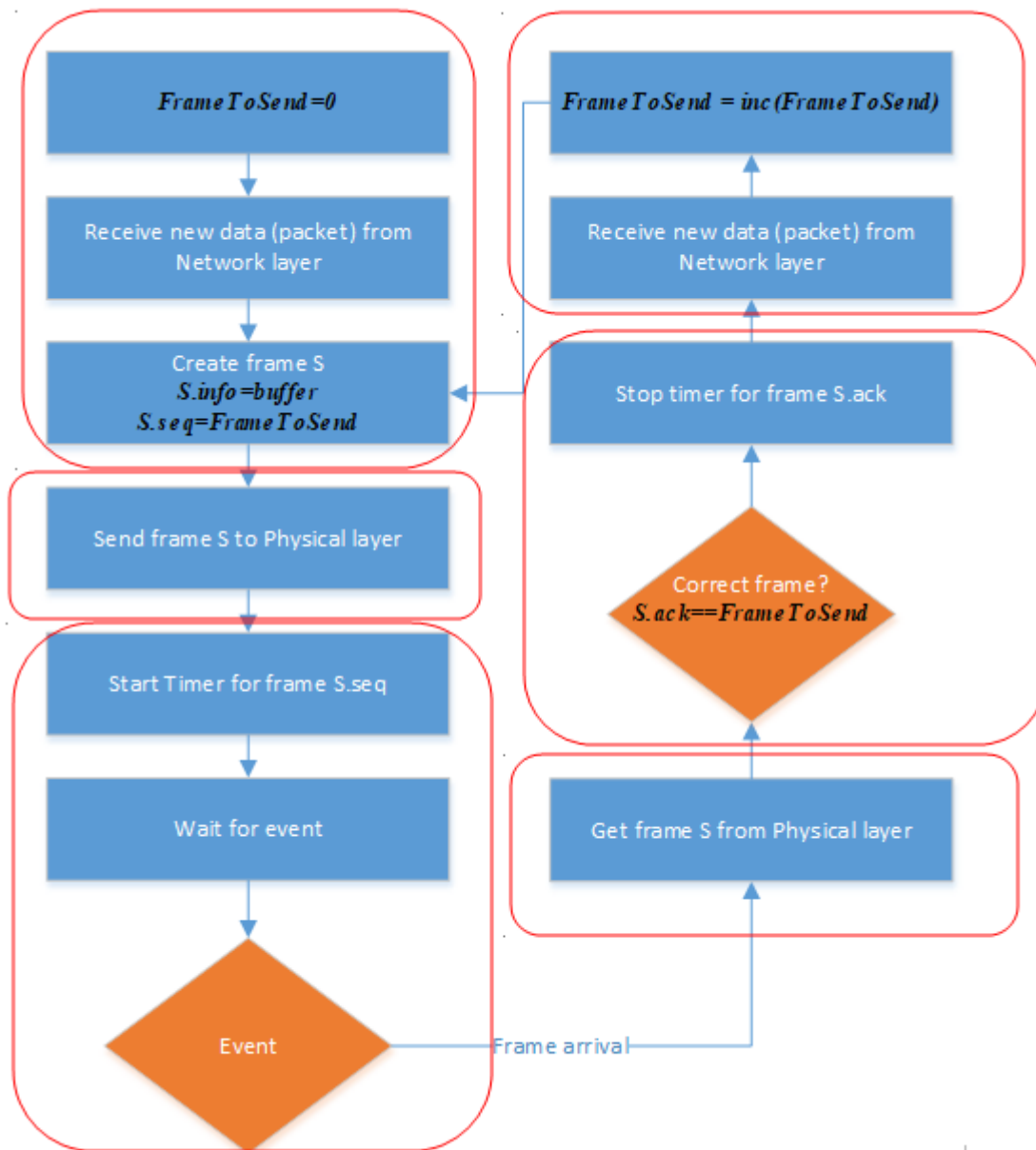
<http://www.rfwireless-world.com/Terminology/amplitude-modulation-vs-frequency-modulation-vs-phase-modulation.html>

Vraag 3 / Question 3

Teken 'n vloeddiagram vir die sender in 'n simpleks stop-en-wag protokol vir 'n kanaal met ruis.

Draw a flow diagram for the sender in a simplex stop-and-wait protocol for a noisy channel.

(6)



Totaal / Total: [20]