



**higher education
& training**

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

MARKING GUIDELINE

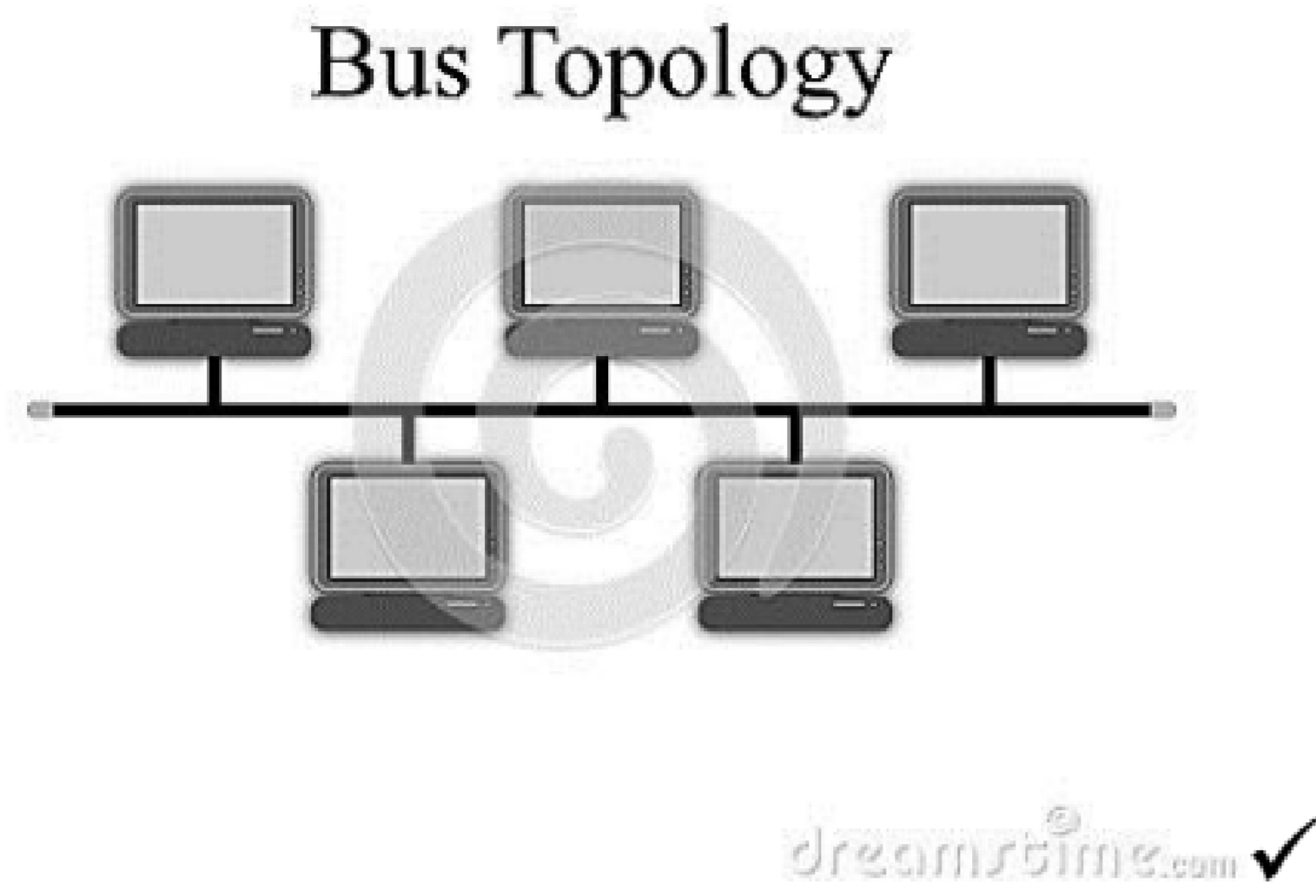
**NATIONAL CERTIFICATE
COMPUTER PRACTICE N6**

31 MAY 2018

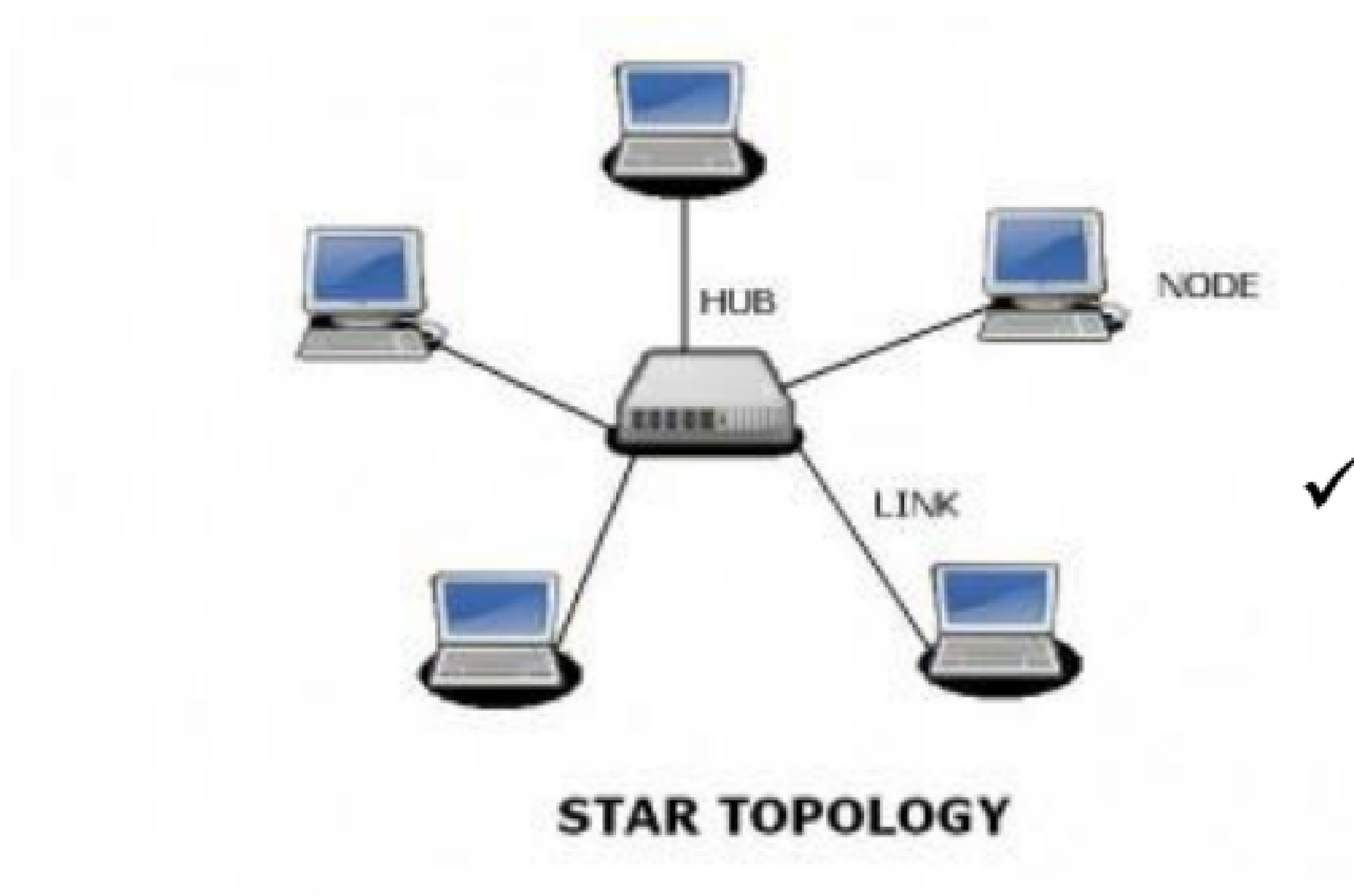
This marking guideline consists of 35 pages.

QUESTION 1

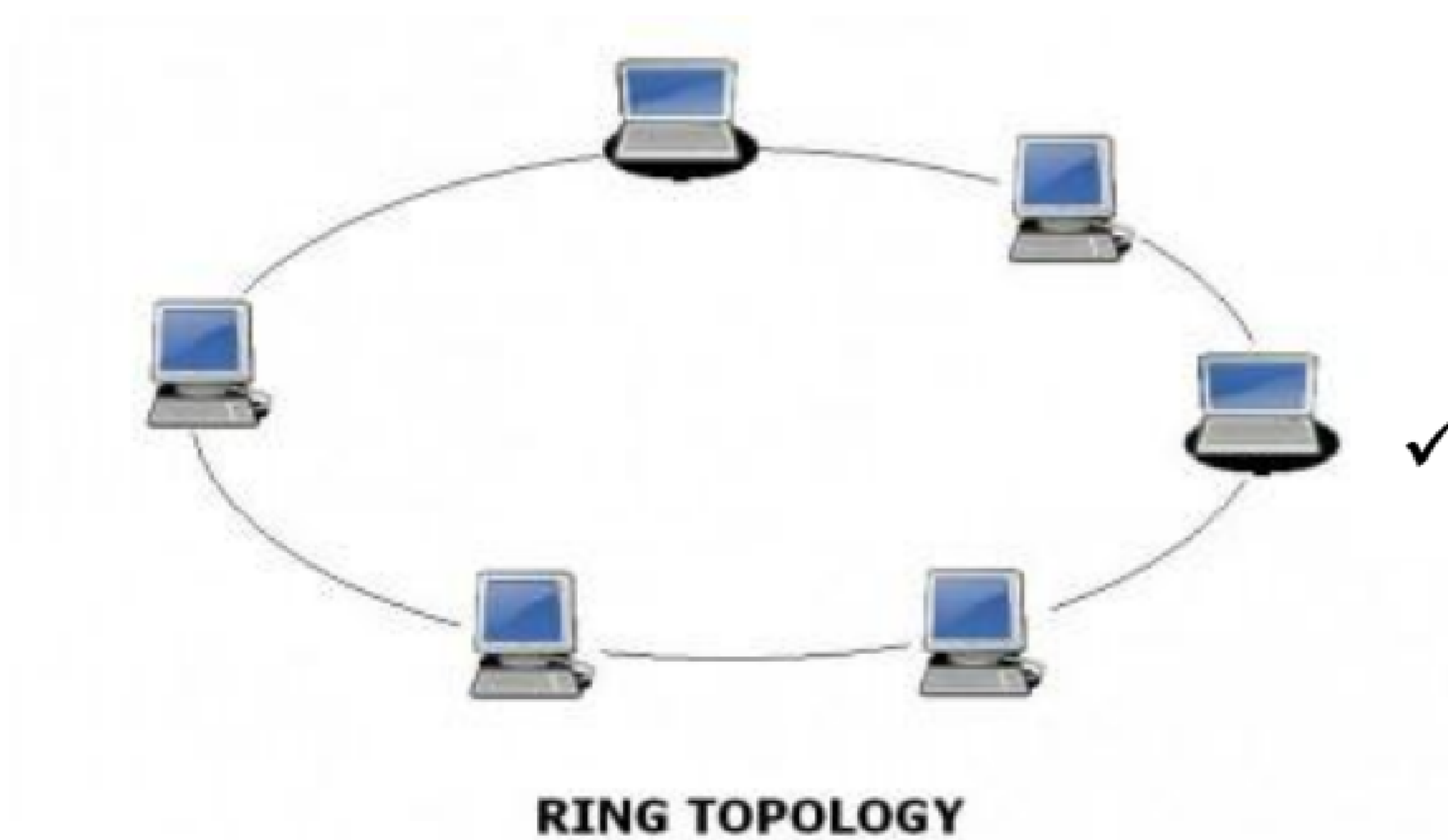
1.1 Bus ✓



Star ✓



Ring ✓



(3 × 2) (6)

- 1.2
- Firefighting equipment/Guard against overloading of electrical points/Carbon dioxide extinguishers/Smoke detectors
 - Emergency plan/Backup installations/Backup data and application software
 - Clean environment/Protect from dust, smoke, humidity, extreme temperatures
 - Duplication of hardware/Keep backup equipment available
 - Insurance
 - Uninterruptible Power Supply (UPS)
- (6)

- 1.3
- Number of programs running
 - Number of documents open
 - The amount of cache memory
 - Fragmented files
- (Any 3 × 1) (3)
[15]

QUESTION 2

- 2.1 2.1.1
- Defragmentation is the process of locating the non-contiguous fragments of data into which a computer file may be divided as it is stored on a hard disk,✓ and rearranging the fragments and restoring them into fewer fragments or into the whole file.✓
 - Defragmentation puts blocks of data/files back in sequential order,✓ so your drive head doesn't have to run around the entire platter to read a single file.✓
- (Any 1 × 2) (2)
- 2.1.2
- Backup refers to the copying✓ of computer data so it may be used to restore the original after a data loss event.✓ The secondary purpose of backups is to recover data from an earlier time.✓
- (Any TWO) (2)
- 2.2 2.2.1 G
- 2.2.2 H
- 2.2.3 B
- 2.2.4 A
- 2.2.5 B
- 2.2.6 A
- 2.2.7 E
- 2.2.8 D
- 2.2.9 C
- (9 × 1) (9)
[13]

QUESTION 3

- 3.1 Avira Professional Security (1)
- 3.2 Computer not secured (1)
- 3.3
- PC protection
 - Internet/Web protection
 - Mail protection
 - Providing a firewall
- (Any 3 × 1) (3)