



higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

MARKING GUIDELINE

NATIONAL CERTIFICATE

DATA MANAGEMENT: FARMING N5

25 May 2021

This marking guideline consists of 10 pages.

SECTION A**QUESTION 1**

- 1.1 A
- 1.2 C
- 1.3 D
- 1.4 C
- 1.5 C
- 1.6 B
- 1.7 D
- 1.8 A
- 1.9 A
- 1.10 B

(10 × 1) [10]

QUESTION 2

- 2.1 False
- 2.2 False
- 2.3 False
- 2.4 True
- 2.5 True
- 2.6 True
- 2.7 True
- 2.8 False
- 2.9 False
- 2.10 False

(10 × 1) [10]

QUESTION 3

- 3.1 G
- 3.2 D
- 3.3 H
- 3.4 A
- 3.5 C
- 3.6 B
- 3.7 F
- 3.8 J
- 3.9 E
- 3.10 I

(10 × 1) [10]

QUESTION 4

- 4.1 4.1.1 COM – serial ports to connect modem, mouse, light pen or other output devices
- 4.1.2 LPT – printer and scanners usually connected via parallel ports, called line printer ports. LPT1, LPT2 and LPT3 refer to the first, second and third parallel-linked devices.
- 4.1.3 USB (universal serial bus) – Flash disks, digital cameras, scanners, modems, printers, external hard drive, external DVD rewriter (3 × 2) (6)
- 4.2 Protects system files against data loss.✓ Backup procedures should be defined clearly and followed routinely.✓ Must be done on removable media✓ that can be stored remotely in case of fire or burglary.✓ Automatic system stores and backs up data each time a transaction record is created or modified.✓ (5)
- 4.3 Data can be lost and programs damaged during power failure or by switching off without following correct procedure. (2)
- 4.4 Protects against unexpected power failures because it takes over and computer operates for specified time with no loss of data. Power failure causes many component failures. (2)
- [15]**

QUESTION 5

- 5.1
- Users must protect their eyes, wrists, and backs.
 - Computer vision syndrome (CVS) is characterised by symptoms such as dry eyes, irritated eyes, blurry vision and headaches.
 - Too many hours of keying in can result in painful hand injury called repetitive stress/strain injury (RSI). Carpal tunnel syndrome (CTS), a painful swelling of tendons and sheaths around them, results in tingling, numbness, and pain and frequently requires surgery (3 × 2) (6)