Grade 10 CAT Theory Demarcation – Practice Questions & Memorandum

Date: 5 November 2025
Duration: 3 hours | Total: 120 marks
Section A: 25 marks

QUESTION 1: MULTIPLE CHOICE [10]

1. Which of the following is an example of system software?

- Answer: B. Windows 11

2. What is the function of a UPS?

- Answer: B. Prevents power surges and provides backup power

3. Which file type is used for pictures with transparent backgrounds?

- Answer: C. .png

4. Which of the following is an example of cloud storage?

- Answer: C. Google Drive

5. What is the main difference between RAM and ROM?

- Answer: A. RAM is temporary; ROM is permanent

6. What is an example of a strong password?

- Answer: C. P@ssw0rd!23

7. What does AI stand for?

- Answer: B. Artificial Intelligence

8. Which of the following storage sizes is the largest?

- Answer: B. 1 TB

9. Which function returns the largest value in a range of cells?

- Answer: C. MAX

10. Which of the following is a file extension for a text document?

- Answer: C. .docx

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QUESTION 2: MATCH ITEMS [10]

Match Column A with the correct description from Column B.

COLUMN A	COLUMN B (Answer)
OCR	Converts scanned text into editable text
QR code	Square image readable by phone camera
PAN	Smallest type of network (e.g. Bluetooth)
Trojan	Malicious program that appears harmless
VPN	Secures internet connection and hides IP
Biometric input	Fingerprint or facial recognition
Plagiarism	Using someone's work without credit
Phishing	Fake emails to steal info
OTP	Temporary one-time password
Green computing	Environmentally friendly technology

QUESTION 3: TRUE OR FALSE [5]

WiFi uses physical cables to connect devices to the internet.

- Answer: False

RFID is used to track or identify objects using radio waves.

- Answer: True

Proprietary software is free and open-source.

- Answer: False

Netiquette refers to good manners and behaviour on the internet.

- Answer: True

A sound card is needed for audio output and input.

- Answer: True

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