

TECHNIKA CIVIL HG

Question 1. Applied Mechanics

1.1 – 1.1.3 Beams: The calculation of the reactions and the bending moments need more attention.

1.2 Framework: Well answered.

Question 2. Services & Installations

2.1 – 2.5 Well answered.

Question 3. Construction: Well answered. However, the following need more attention:

3.4 Calculation of the thickness of a foundation

3.6 Calculation of the compressive strength of concrete

3.7 Calculation of the effective depth of a beam

Question 4. Site Works 4.1 - 4.3 Well answered.

4.4 – 4.5 Answered exceptionally well.

Question 5. Design

5.1 – 5.7 Well answered.

5.8 Certain learners drew a roof plan instead of a ground plan.

Question 6. Administration & Organization

6.1 - 6.5 Well answered. Material Testing 6.6 - 6.9 Well answered.

Question 7. Planning & Communication: Well answered

TECHNIKA SIVIEL HG

Vraag 1. Toegepaste Meganika

1.1 - 1.1.3 Balke: Die berekening van die reaksies en buigmomente vereis meer aandag.

1.2 Raamwerk: Goed beantwoord.

Vraag 2. Dienste & Installasies: Goed beantwoord

Vraag 3. Konstruksie: Goed beantwoord. Die volgende vereis meer aandag:

3.4 Bereken die dikte van fondament 3.6 Bereken druksterkte van beton 3.7 Om die
effektiewe
diepte van 'n balk te bereken

Vraag 4. Terreinwerke: 4.1 – 4.3 Goed beantwoord. Leerders behaal gemiddeld 65% vir die vraag.

Opmeting & Instrumente: 4.4 – 4.5 Baie goed beantwoord.

Vraag 6. Administrasie & Organisasie: 6.1 – 6.5 Goed beantwoord.

Materiaaltoetsing: 6.6 – 6.9 Goed beantwoord

Vraag 7. Beplanning & Kommunikasie: 7.1 – 7.6 Goed beantwoord.