

Subject: Civil Technology

The following Changes should be effected:

SCHOOL-BASED ASSESSMENT (SBA)

GRADE 12 ASSESSMENT REQUIREMENTS							
ASSESSMENT TASKS	TERM 1	TERM 2	TERM 3	TERM 4	% OF FINAL PROMOTION MARK		MARK Weighting
Tests	1				5	25	450 total converted to mark out of 100
Mid-year and preparatory examination		1	1		20		
Practical Assessment Task (PAT)	1	1	1		25		250 total converted to mark out of 100
Final examination				1	50		200
TOTAL – PROMOTION MARK							400

The table below shows the compilation of the school-based assessment mark:

Description	Time Frame	Weighting of final 25%	Marks
Control test	Term 1	5%	50
Mid-year examination	Term 2	10%	200
Preparatory examination	Term 3	10%	200
Total		25%	450

Grades 10 and 11 Final Examination paper (Civil Services)

The format of the question paper should be followed consistently as prescribed in the table below for every question paper set. Questions may be divided into sub-questions to differentiate between topics, subject to maintaining the total number of marks allocated for specific questions.

	GRADE 10		GRADE 11		
Section A Generic	Topic	Mark (140)	Section A Generic	Topic	Mark (100)
Question 1	OHS Safety	20	Question 1	OHS Safety Materials	30
Question 2	Materials Tools & Equipment	40	Question 2	Tools & Equipment Graphics	40
Question 3	Graphics	40	Question 3	Quantities Joining	30
Question 4	Quantities Joining	40			
Section B Specific	Topic	Mark (60)	Section B Specific	Topic	Mark (100)
Question 5	Construction associated with civil services Storm water Roof work	30	Question 4	Construction associated with civil services Cold water supply Hot water supply	30
Question 6	Hot water supply Cold water supply Sanitary fitments	30	Question 5	Drainage (sewerage) Above and below ground Sanitary fitments	40
			Question 6	Graphics as means of communication Roof work Storm water	30
		60			100
TOTAL		200			200

Grades 10 and 11 Final Examination paper (Construction)

The format of the question paper should be followed consistently as prescribed in the table below for every question paper set. Questions may be divided into sub-questions to differentiate between topics, subject to maintaining the total number of marks allocated for specific questions.

	Gr 10		Gr 11		
Section A Generic	Topic	Mark (140)	Section A Generic	Topic	Mark (100)
Question 1	OHS Safety	20	Question 1	OHS Safety Materials	30
Question 2	Materials Tools & Equipment	40	Question 2	Tools & Equipment Graphics	40
Question 3	Graphics	40	Question 3	Quantities Joining	30
Question 4	Quantities Joining	40			
Section B Specific	Topic	Mark (60)	Section B Specific	Topic	Mark (100)
Integrate the relevant aspects of these topics into the topics below	OHS Safety Materials Tools & Equipment Graphics Quantities Joining		Integrate the relevant aspects of these topics into the topics below	OHS Safety Materials Tools & Equip- ment Graphics Quantities Joining	
Question 5	Foundations	30	Question 4	Excavations	30
Question 6	Formwork	30	Question 5	Steel Con- struction	30
			Question 6	Brickwork	40
		60			100
TOTAL		200			200

Grades 10 and 11 Final Examination paper (Woodworking)

The format of the question paper should be followed consistently as prescribed in the table below for every question paper set. Questions may be divided into sub-questions to differentiate between topics, subject to maintaining the total number of marks allocated for specific questions.

	Gr 10		Gr 11		
Section A Generic	Topic	Mark (140)	Section A Generic	Topic	Mark (100)
Question 1	OHS Safety	20	Question 1	OHS Safety Materials	30
Question 2	Materials Tools & Equipment	40	Question 2	Tools & Equipment Graphics	40
Question 3	Graphics	40	Question 3	Quantities Joining	30
Question 4	Quantities Joining	40			
Section B Specific	Topic	Mark (60)	Section B Specific	Topic	Mark (100)
Integrate the relevant aspects of these topics into the topics below	OHS Safety Materials Tools & Equipment Graphics Quantities Joining		Integrate the relevant aspects of these topics into the topics below	OHS Safety Materials Tools & Equipment Graphics Quantities Joining	
Question 5	Casement	30	Question 4	Casement Doors Wall panelling	30
Question 6	Doors	30	Question 5	Centering Formwork Shoring Ironmongery	30
			Question 6	Suspended floor Ceilings Staircase	40
		60			100
TOTAL		200			200

Grades 12 Final Examination paper (Construction)

The format of the question paper should be followed consistently as prescribed in the table below for every question paper set. Questions may be divided into sub-questions to differentiate between topics, subject to maintaining the total number of marks allocated for specific questions.

QUESTION	CONTENT	MARKS PER TOPIC (VARIANCE ± 2 MARKS)	TOTAL MARKS	TIME
GENERIC – SECTION A				
1	OHS safety	7	20	18 minutes
	Materials	5		
	Tools & Equipment	4		
	Joining	4		
2	Graphics as means of communication <i>(Drawing of building drawings as done in Grade 10 and 11 as well as interpretation of drawings as done in Grade 12)</i>		40	36 minutes
	Interpretation of building drawings	15		
	Drawing of floor plan, elevation or sectional view as done in Gr 10 and 11	25		
SPECIFIC – SECTION B				
3	Roofs	18	30	27 minutes
	Staircases	8		
	Joining (Subject specific)	4		
4	Excavation	14	40	36 minutes
	Formwork	12		
	Tools & Equipment (Subject specific)	6		
	Materials (Subject specific)	8		
5	Plaster and screed	6	30	27 minutes
	Brickwork	10		
	Graphics as means of communication	14		
6	Reinforcement in concrete	12	40	36 minutes
	Foundations	8		
	Concrete floors	10		
	Quantities (Subject specific)	10		
GRAND TOTAL			200	180 minutes

Grades 12 Final Examination paper (Civil Services)

The format of the question paper should be followed consistently as prescribed in the table below for every question paper set. Questions may be divided into sub-questions to differentiate between topics, subject to maintaining the total number of marks allocated for specific questions.

QUESTION	CONTENT	MARKS PER TOPIC (VARIANCE \pm 2 MARKS)	TOTAL MARKS	TIME
GENERIC – SECTION A				
1	OHS safety	7	20	18 minutes
	Materials	5		
	Tools & Equipment	4		
	Joining	4		
2	Graphics as means of communication <i>(Drawing of building drawings as done in Grade 10 and 11 as well as interpretation of drawings as done in Grade 12)</i>		40	36 minutes
	Interpretation of building drawings	15		
	Drawing of floor plan, elevation or sectional view as done in Gr 10 and 11	25		
SPECIFIC – SECTION B				
3	Construction associated with Civil Services	16	30	27 minutes
	OHS safety (Subject specific)	6		
	Quantities (Subject specific)	8		
4	Cold water supply	14	40	36 minutes
	Hot water supply	14		
	Tools & Equipment (Subject specific)	8		
	Materials (Subject specific)	4		
5	Graphics as means of communication (Pattern development)	18	30	27minutes
	Roof work	8		
	Storm water	4		
6	Above ground drainage (sewerage)	8	40	36 minutes
	Below ground drainage (sewerage)	16		
	Sanitary fitments	8		
	Joining (Subject specific)	8		
GRAND TOTAL			200	180 minutes

Grades 12 Final Examination paper (Woodworking)

The format of the question paper should be followed consistently as prescribed in the table below for every question paper set. Questions may be divided into sub-questions to differentiate between topics, subject to maintaining the total number of marks allocated for specific questions.

QUESTION	CONTENT	MARKS PER TOPIC (VARIANCE \pm 2 MARKS)	TOTAL MARKS	TIME
GENERIC – SECTION A				
1	OHS safety	7	20	18 minutes
	Materials	5		
	Tools & Equipment	4		
	Joining	4		
2	Graphics as means of communication <i>(Drawing of building drawings as done in Grade 10 and 11 as well as interpretation of drawings as done in Grade 12)</i>		40	36 minutes
	Interpretation of building drawings (Analytical)	15		
	Drawing of Floor plan, elevation or sectional view as done in Gr 10 and 11.	25		
SPECIFIC – SECTION B				
3	Casement	6	30	27 minutes
	Cupboards	10		
	Wall panelling	6		
	Quantities (Subject specific)	8		
4	Roofs	20	40	36 minutes
	Ceiling	4		
	Tools & Equipment (Subject specific)	10		
	Materials (Subject specific)	6		
5	Centering	6	30	27 minutes
	Formwork	10		
	Shoring	6		
	Graphics as means of communication	8		
6	Suspended floor	12	40	36 minutes
	Staircase	6		
	Ironmongery	4		

	Doors	10		
	Joining	8		
GRAND TOTAL			200	180 minutes