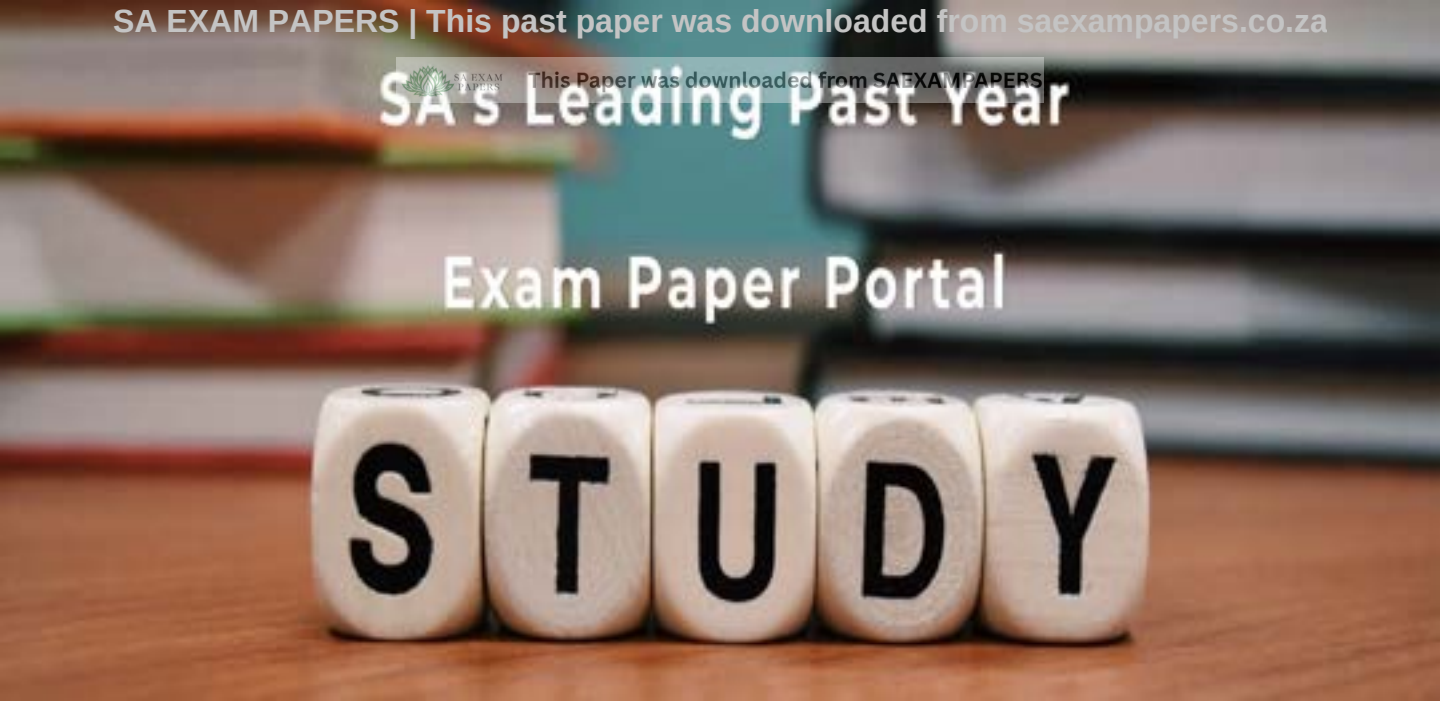


DEPARTMENT OF EDUCATION
DEPARTEMENT VAN ONDERWYS
LEFAPHA LA THUTO
ISEBE LEZEMFUNDO

PROVINCIAL PREPARATORY EXAMINATION/
PROVINSIALE VOORBEREIDENDE EKSAMEN

GRADE/*GRAAD* 12

MATHEMATICS/*WISKUNDE*

PAPER/*VRAESTEL* 1

SEPTEMBER 2025

MARKING GUIDELINES/*NASIENRIGLYNE*

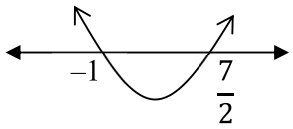
MARKS/*PUNTE*: 150

These marking guidelines consist of 16 pages./
Hierdie nasienriglyne bestaan uit 16 bladsye.

NOTE:
- If a candidate answers a question TWICE, only mark the FIRST attempt.
- Consistent Accuracy applies in all aspects of the marking memorandum.

LET WEL:
- *Indien 'n kandidaat 'n vraag TWEE keer beantwoord, sien slegs die EERSTE poging na.*
- *Volgehoue Akkuraatheid is DEURGAANS op ALLE aspekte van die memorandum van toepassing.*

QUESTION 1/*VRAAG 1*

1.1.1	$x + x^2 = 0$ $x(1 + x) = 0$ $x = 0 \ or \ x = -1$	✓ factors/ *faktore* ✓ $x = 0$ or $x = -1$ (2)
1.1.2	$3x^2 - 5x + 1 = 0$ $x = \frac{-(-5) \pm \sqrt{(-5)^2 - 4(3)(1)}}{2(3)}$ $x = 1{,}43 \ \ or \ \ x = 0{,}23$ Answer only: full marks/*Slegs antwoord: volpunte*	✓ substitution into correct formula/ *subst. in korrekte formule* ✓ $x = 1{,}43$ ✓$x = 0{,}23$ (3)
1.1.3	$2x^2 - 7 \leq 5x$ $2x^2 - 5x - 7 \leq 0$ $(2x - 7)(x + 1) \leq 0$ $-1 \leq x \leq \frac{7}{2}$  	✓ standard form/*standaardvorm* ✓ critical values/*kritieke waardes* ✓ $-1 \leq x$ and/*en* ✓ $x \leq \frac{7}{2}$ (4)
1.1.4	$3^{2x} - 9 = 24.3^x + 72$ $(3^x + 3)(3^x - 3) = 24(3^x + 3)$ $(3^x + 3)(3^x - 27) = 0$ $3^x = 27 = 3^3 \ \ or \ \ 3^x \neq -3$ $x = 3$ no solution/*geen oplossing* **OR/*OF*** $3^{2x} - 24.3^x - 81 = 0$ $(3^x - 27)\ (3^x + 3) = 0$ $3^x = 27 = 3^3 \ \ or \ \ 3^x \neq -3$ $x = 3$ no solution/*geen oplossing*	✓ factors/*faktore* ✓ factors/*faktore* ✓ both exponential equations/*albei ekspo vergelykings* ✓ $x = 3$ ✓ standard form/*standaardvorm* ✓ factors/*faktore* ✓ both exponential equations/*albei ekspo vergelykings* ✓ $x = 3$ (4)
1.1.5	$\sqrt{x^2 + 14} = 3\sqrt{x}$ $x^2 + 14 = 9x$ $x^2 - 9x + 14 = 0$ $(x - 7)(x - 2) = 0$ $x = 7 \ or \ x = 2$	✓ squaring both sides/*kwadreer albei kante* ✓ factors/*faktore* ✓ $x = 7$ ✓$x = 2$ (4)

1.2	$y = 5x - 4$ $x^2 - x + (5x - 4)^2 = 4 - 3(5x - 4)$ $x^2 - x + 25x^2 - 40x + 16 = 4 - 15x + 12$ $26x^2 - 26x = 0$ $26x(x - 1) = 0$ $x = 0 \ or \ x = 1$ $y = -4 \ or \ y = 1$ **OR/*OF*** $x = \frac{y}{5} + \frac{4}{5}$ $x^2 - x + y^2 = 4 - 3y$ $\left(\frac{y}{5} + \frac{4}{5}\right)^2 - \left(\frac{y}{5} + \frac{4}{5}\right) + y^2 = 4 - 3y$ $\frac{y^2}{25} + \frac{8y}{25} + \frac{16}{25} - \frac{y}{5} - \frac{4}{5} + y^2 = 4 - 3y$ $y^2 + 8y + 16 - 5y - 20 + 5y^2 = 20 - 15y$ $6y^2 + 18y - 24 = 0$ $6(y + 4)(y - 1) = 0$ $y = -4 \ or \ y = 1$ $x = 0 \quad or \ x = 1$	✓ *y*-subject/*onderwerp* ✓ substitution/*substitusie* ✓ simplification/*vereenvoudiging* ✓ *x*-values/waardes ✓ *y*-values/waardes (5) **OR/*OF*** ✓ *y*-subject/*onderwerp* ✓ substitution/*substitusie* ✓ simplification/*vereenvoudiging* ✓ *y*-values/*waardes* ✓ *x*-values/*waardes* (5)
1.3	$4^{24} + 8^{16} + 16^{12} + 64^8 = 2^k$ $(2^2)^{24} + (2^3)^{16} + (2^4)^{12} + (2^6)^8 = 2^k$ $2^{48} + 2^{48} + 2^{48} + 2^{48} = 2^k$ $2^{48}(1 + 1 + 1 + 1) = 2^k$ $2^{48}(4) = 2^k$ $2^{48}.2^2 = 2^k$ $2^{50} = 2^k$ $\therefore 50 = k$ Using calculator: Award only 1 mark $k = 50$/ *Gebruik van sakrekenaar: Slegs 1 punt vir k=50.*	✓ write all terms as base 2/*herskryf met grondgetal van 2* ✓ 4.2^{48} ✓ value of *k*/*waarde van k* (3)
		[25]

QUESTION 2/*VRAAG 2*

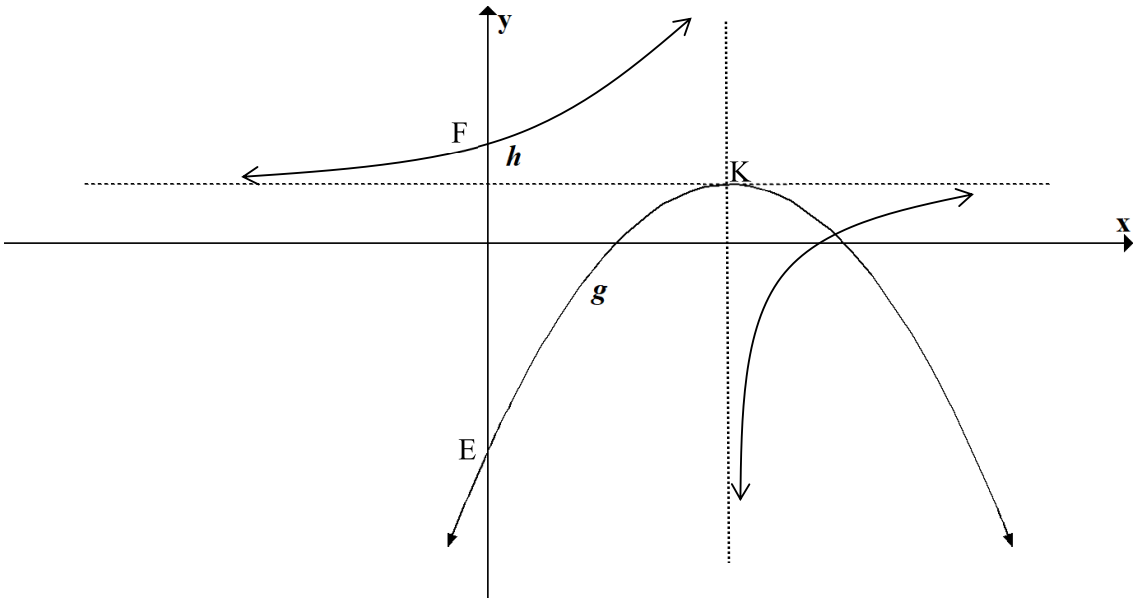
2.1.1	$T_n = a + (n-1)d$ $-121 = 15 + (n-1) - 2$ $-121 = -15 - 2n + 2$ $-138 = -2n$ $69 = n$ *terms* **OR/*OF*** $T_n = -2n + 17$ $-121 = -2n + 17$ $2n = 138$ $n = 69$ *terms*	✓ substitution of a and d into correct formula/*vervang a en d in korrekte formule* ✓ equating to/*gelykstel aan* –121 ✓ n (3) **OR/*OF*** ✓ substitution of/*subst. van* 17 and/*en d* into correct formula/*in korreke formule* ✓ equating to –121/*gelykstelling aan* –121 ✓ n (3)
2.1.2	$S_n = \frac{n}{2}[2a + (n-1)d]$ $S_{69} = \frac{69}{2}[2(15) + 68(-2)]$ $= -3657$ $S_{series} = -3657 + 69(7)$ $= -3174$ **OR/*OF*** $S_n = \frac{n}{2}[a + l]$ $S_{69} = \frac{69}{2}[15 + (-121)]$ $= -3657$ $S_{series} = -3657 + 69(7)$ $= -3174$	✓ subst into correct formula/*subst. in korrekte formule* ✓ S_{69} ✓ 69(7) ✓ answer/*antwoord* **OR/*OF*** ✓ subst into correct formula/*subst. in korrekte formule* ✓ S_{69} ✓ 69(7) ✓ answer/*antwoord* (4)

2.2.1	$2a = 2$ $a = 1$ $\quad 3a + b = 2$ $3(1) + b = 2$ $b = -1$ $a + b + c = 2$ $1 - 1 + c = 2$ $c = 2$ $T_n = n^2 - n + 2$ **OR/*OF*** $a = \frac{1}{2}(2)$ $a = 1$ $c = T_1 + d_2 - d_1$ $= 2 + 2 - 2$ $c = 2$ $T_n = n^2 + bn + 2$ $2 = 1 + b + 2$ $b = -1$ $T_n = n^2 - n + 2$	✓ a ✓ b ✓ c (3) **OR/*OF*** ✓ a ✓ c ✓ b (3)
2.2.2	$T_n = (21)^2 - 1(21) + 2$ $= 422$ Answer only: full marks/*Slegs antwoord: volpunte*	✓ substitution/*substitusie* ✓ answer/*antwoord* (2)
2.2.3	$T_n = a + (n-1)d$ $T_{10} = 422 + 9(2)$ $= 440$ **OR/OF** $T_n = 2n + 420$ $T_{10} = 2(10) + 420$ $= 440$ Answer only: full marks/*Slegs antwoord: volpunte*	✓ subst into correct formula/*subst. in korrekte formule* ✓ answer/*antwoord* (2) **OR/*OF*** ✓ subst into correct formula/*subst. in korrekte formule* ✓ answer/*antwoord* (2)
		[14]

QUESTION 3/*VRAAG 3*

3.1.1	$r=\frac{243}{729}=\frac{1}{3}$ $T_9=729\left(\frac{1}{3}\right)^{9-1}$ $=\frac{1}{9}$	✓ value of/*waarde van r* ✓ subst into correct formula/*subst. in korrekte formule* ✓ answer/*antwoord* (3)
3.1.2	$S_n=\frac{a\left(1-r^n\right)}{1-r}$ $1093\frac{1}{3}=\frac{729\left(1-\left(\frac{1}{3}\right)^m\right)}{1-\frac{1}{3}}$ $\left(\frac{1}{3}\right)^m=\frac{1}{6561}$ $=\left(\frac{1}{3}\right)^8 \quad or \quad m=\log_{\frac{1}{3}}\left(\frac{1}{6561}\right)$ $m=8$	✓ subst into correct formula/*subst. in korrekte formule* ✓ simplification/*vereenvoudiging* ✓ value of/*waarde van m* (3)
3.2	$1+r+r^2+r^3\ldots$ $T_2=2(r^2+r^3+r^4+\cdots.)$ $=2\left(\frac{r^2}{1-r}\right)$ $\frac{2r^2}{1-r}=r$ $2r^2=r-r^2$ $3r^2-r=0$ $r(3r-1)=0$ $r\neq 0 \ or \ r=\frac{1}{3}$ $1+\frac{1}{3}+\frac{1}{9}+\ldots$ If T_2 is not in terms of r break down/*Indien T_2 nie in terme van r afgebreek nie* **0 MARKS/*PUNTE***	✓ T_2 in terms of/ in terme van r /$T_2=2S_\infty$ ✓ equating/*gelykstelling* ✓ factors/*faktore* ✓ r ✓ 2nd and 3rd terms/*2de en 3de terme* (5)
		[11]

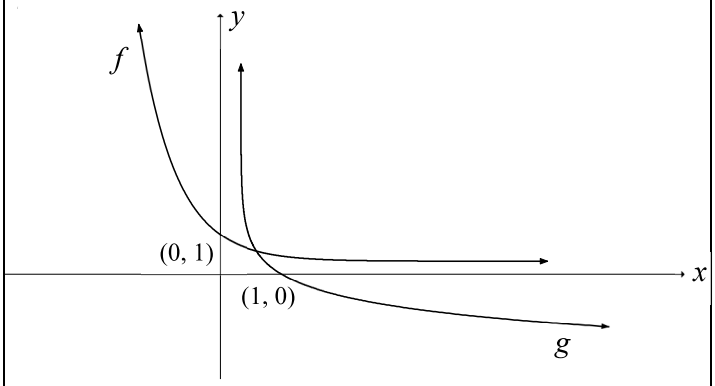
QUESTION 4/*VRAAG 4*



4.1	(3; 2)	✓ x ✓ y (A) (2)
4.2	$y = -\frac{2}{0-3} + 2$ $y = \frac{8}{3}$ E(0 ; –7) $FE = \frac{8}{3} - (-7)$ $= \frac{29}{3}$ *or* $9\frac{2}{3}$	✓ $x = 0$ ✓ *y*-coordinate of/*y-koördinaat* F ✓ *y*-coordinate of/*y-koördinaat* E ✓ answer/*antwoord* (4)
4.3	$y = a(x-3)^2 + 2$ $-7 = a(0-3)^2 + 2$ $-9 = 9a$ $a = -1$ $y = -(x-3)^2 + 2$ $y = -x^2 + 6x - 9 + 2$ $y = -x^2 + 6x - 7$	✓ subst (3; 2) ✓ subst (0; –7) (A) ✓value of/*waarde van a* ✓ $b = 6$ (4)
4.4	$y \in R; y \neq 5$ **OR/*OF*** $y \in (-\infty;\infty) - \{5\}$	✓ value of/*waarde van* 5 ✓ range/waardeversameling $y \in R, y \neq 5$ (2) **OR/*OF*** ✓ value of/*waarde van* 5 ✓ range/*waardeversameling* $/y \in R, y \neq 5$ (2)

4.5	$-7 < p < 2$ **OR/ OF** $p \in (-7; 2)$	✓ critical values/*kritiese waardes* ✓ correct interval/*korrekte interval* (2) **OR / OF** ✓ critical values/*kritiese waardes* ✓ correct interval/*korrekte interval* (2)
4.6	$y = -x + c$ $2 = -3 + c$ $c = 5$ $y = -x + 5$ **OR/*OF*** $y - y_1 = -(x - x_1)$ $y - 2 = -(x - 3)$ $y = -x + 5$	✓ $m = -1$ ✓ subst K ✓ equation/*vergelyking* (3) **OR/*OF*** ✓ $m = -1$ ✓ subst K ✓ equation/*vergelyking* (3)
4.7	Reflection about the *x*-axis/across line $y = 0$ and then 2 units up/*Refleksie in x –afsnit/lyn y = 0 en 2 eenhede opwaarts* **OR/*OF*** 2 units down and then a reflection about the *x*-axis/across line $y = 0$/*2 eenhede afwaarts en dan refleksie oor x – afsnit/lyn y = 0*	✓ correct reflection/*korrekte refleksie* ✓ 2 units up/*eenhede opwaarts* (2) **OR/*OF*** ✓ 2 units down/ *2 eenhede af* ✓ correct reflection/*korrekte refleksie* (2)
4.8	$1 = -x^2 + 6x - 7$ $0 = -x^2 + 6x - 8$ $0 = (x - 4)(x - 2)$ $x = 4 \ \ or \ \ x = 2$	✓ equating/*gelykstelling* ✓ factors/*faktore* ✓ values of *x*/*waardes van x* (3)
		[22]

QUESTION 5/*VRAAG 5*

5.1	$y = \left(\frac{1}{3}\right)^x$ $x = \left(\frac{1}{3}\right)^y$ $y = log_{\frac{1}{3}}x$ **OR/*OF*** $y = \log_3 \frac{1}{x}$	✓ interchanging x and y/ *omruiling van x en y* ✓ answer/*antwoord* (2)
5.2		*f*: ✓intercept *y*-axis/ *y-afsnit* ✓form /vorm *g*: ✓intercept *x*-axis/ *x-afsnit* ✓ form/*vorm* (4)
5.3	$\log_{\frac{1}{3}} x = -1$ $x = 3$ $\therefore\ 0 < x < 3$ **OR/*OF*** $x\ \varepsilon\ (0\ ;\ 3)$	✓ $x = 3$ ✓ critical values/*kritiese waardes* ✓ interval (3)
5.4	$h(x) = 27.\left(\frac{1}{3}\right)^x$ $= \left(\frac{1}{3}\right)^{x-3}$ $\therefore$ *f* shifts 3 units to the right/*skuif 3 eenhede na regs* **OR/*OF*** Enlargement or vertical stretch by a factor of 27/ *Vergroting met skaalfaktor van 27*	✓ *h* as a power of/*h as mag van* $\frac{1}{3}$ ✓ answer/*antwoord* (2)
		[11]

QUESTION 6/*VRAAG 6*

6.1.1	$1+i_{eff}=\left(1+\frac{i}{m}\right)^{m}$ $1+i_{eff}=\left(1+\frac{0,08}{2}\right)^{2}$ $i_{eff}=\left(1+\frac{0,08}{2}\right)^{2}-1$ $i_{eff}=0,0816$ $i_{eff}=8,16\%$	✓ subst into correct formula/*subst. in korrekte formule* ✓ i_{eff} ✓ answer/*antwoord* (3)
6.1.2	$A=P\left(1+\frac{i^{(2)}}{2}\right)^{2n}$ $=3550\left(1+\frac{0,08}{2}\right)^{10}$ $=\text{R}5254,87$ **OR/*OF*** $A=P\left(1+i_{eff}\right)^{5}$ $=3550\left(1+0,0816\right)^{5}$ $=\text{R}5254,87$	✓ subst into correct formula/*subst. in korrekte formule* ✓answer/*antwoord* (2) **OR/*OF*** ✓ subst into correct formula/*subst. in korrekte formule* ✓ answer/*antwoord* (2)
6.2	$A=P(1-i)^{n}$ $48896=185000(1-0,19)^{n}$ $(0,81)^{n}=\frac{48896}{185000}$ $n=log_{0,81}\left(\frac{48896}{185000}\right)$ $n=6,31$	✓ subst into correct formula/*subst. in korrekte formule* ✓ using logs correctly/*korrekte gebruik van log* ✓ answer/*antwoord* (3)

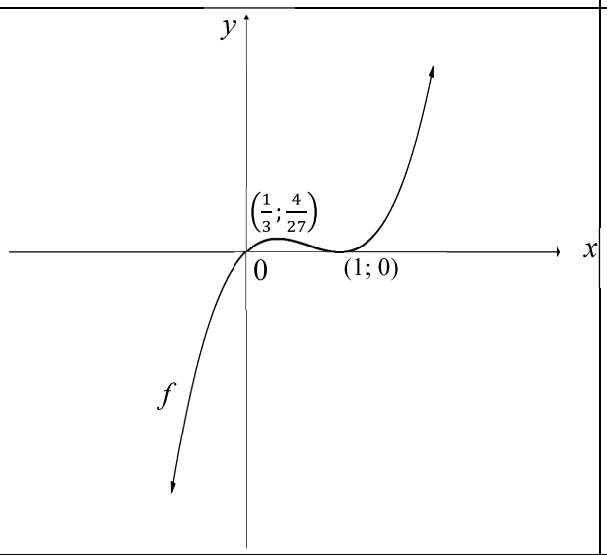
6.3.1	$P = \frac{x\left[1-(1+i)^{-n}\right]}{i}$ $35000 = \frac{x\left[1-\left(1+\frac{0,18}{12}\right)^{-48}\right]}{\frac{0,18}{12}}$ $x = \text{R}1028,12$	✓ $n = 48$ ✓ subst into correct formula/ *subst. in korrekte formule* ✓ answer/*antwoord* (3)
6.3.2	$P_{balance(20th)} = \frac{1028,12\left[1-\left(1+\frac{0,18}{12}\right)^{-28}\right]}{\frac{0,18}{12}}$ $x = \text{R}23365,79$ (accept: R23365,91) $Balance(23rd) = 23365,79\left(1+\frac{0,18}{12}\right)^{2}$ $= \text{R}24072,02$ (accept: R24072,14)	✓$n = 28$ ✓ correct substitution in/*korrekte subst. in* P_v ✓ Balance after 20th/*balans ná 20ste* ✓ adding interest/A = P $(1 + i)^n$ *byvoeging van rente* ✓ answer/antwoord (5)
	OR/*OF* $F = \frac{x\left[(1+i)^{n}-1\right]}{i}$ $F = \frac{1028,12\left[\left(1+\frac{0,18}{12}\right)^{20}-1\right]}{\frac{0,18}{12}}$ $F = R23773,90$ $Balance(20th) = 35000\left(1+\frac{0,18}{12}\right)^{20} - 23773,90$ $= R23366,03$ $Balance(23rd) = 23366,03\left(1+\frac{0,18}{12}\right)^{2}$ $= \text{R}24072,26$	**OR/*OF*** ✓ $n = 20$ ✓ correct substitution in A and F_v/ *Korrekte substs in* A *en* F ✓ Balance after 20th/Balans ná 20ste ✓ adding interest/A = P$(1+i)^n$ *byvoeging van rente* ✓ answer/*antwoord* (5)
		[16]

QUESTION 7/*VRAAG 7*

Max. of –1 for wrong notation in this question./ ***Maks. van –1 vir verkeerde notasie in hierdie vraag.***		
7.1	$f(x)=-\frac{2}{x}$ $f(x+h)=-\frac{2}{x+h}$ $f'(x)=\lim_{h\to 0}\frac{f(x+h)-f(x)}{h}$ $=\lim_{h\to 0}\frac{1}{h}\left[\frac{-2}{x+h}+\frac{2}{x}\right]$ $=\lim_{h\to 0}\frac{1}{h}\left[\frac{-2x+2x+2h}{x(x+h)}\right]$ $=\lim_{h\to 0}\frac{2}{x(x+h)}$ $=\frac{2}{x^2}$ **OR/*OF*** $f(x)=-\frac{2}{x}$ $f(x+h)=-\frac{2}{x+h}$ $\overline{m}=\frac{f(x+h)-f(x)}{h}$ $=\frac{1}{h}\left[\frac{-2}{x+h}+\frac{2}{x}\right]$ $=\frac{1}{h}\left[\frac{-2x+2x+2h}{x(x+h)}\right]$ $=\frac{2}{x(x+h)}$ $f'(x)=\lim_{h\to 0}\frac{2}{x(x+h)}$ $=\frac{2}{x^2}$	✓ $f(x+h)$ ✓ subst in correct formula/*subst. in korrekte formule* ✓ $f(x+h)-f(x)$ ✓ simplification/*vereenvoudiging* ✓ answer/*antwoord* (5) **OR/*OF*** ✓ $f(x+h)$ ✓ $f(x+h)-f(x)$ ✓ simplification/*vereenvoudiging* ✓ subst in correct formula/*subst. in korrekte formule* ✓ answer/*antwoord* (5)

7.2.1	$D_x[3x^2 - 7x + 4]$ $= 6x - 7$	✓ $6x$ ✓-7 (2)
7.2.2	$k = \frac{3}{x^3} - \frac{x^3}{3}$ $k = 3x^{-3} - \frac{1}{3}x^3$ $\frac{dk}{dx} = -9x^{-4} - x^2$	✓ k in terms of/*in terme van x* ✓ $3x^{-3}$ ✓$-9x^{-4}$ ✓$-x^2$ (4)
		[11]

QUESTION 8/*VRAAG 8*

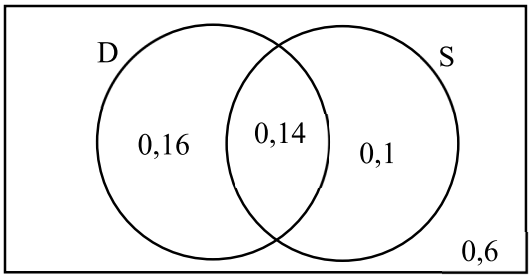
8.1	$0 = x^3 - 2x^2 + x$ $0 = x(x-1)(x-1)$ $x = 0 \ or \ x = 1$ Answers only: full marks/Slegs antwoorde: volpunte	✓ factors/*faktpre* ✓ $x = 0$✓$x = 1$ (3)
8.2	$y = x^3 - 2x^2 + x$ $\frac{dy}{dx} = 3x^2 - 4x + 1$ $0 = (3x-1)(x-1)$ $x = 1 \ or \ x = \frac{1}{3}$ $f\left(\frac{1}{3}\right) = \left(\frac{1}{3}\right)^3 - 2\left(\frac{1}{3}\right)^2 + \frac{1}{3} = \frac{4}{27}$ $(1;0) \ or \ \left(\frac{1}{3};\frac{4}{27}\right)$	✓ $f'(x)$ ✓ $f'(x) = 0$ ✓ x-values/*x-waardes* ✓ Turning point/*draaipunt*(1 ; 0) ✓ Turning point/*draaipunt* $\left(\frac{1}{3};\frac{4}{27}\right)$ (5)
8.3		✓ turning points/*draaipunte* ✓ origin/*y*-intercept/ *oorsprong/y-afsnit* ✓ shape/*vorm* (3)
8.4.1	$\frac{1}{3} < x < 1$ OR $x \in \left(\frac{1}{3}:1\right)$	✓ critical values/*kritiese waardes* ✓ interval/*interval* (2)
8.4.2	$f''(x) = 6x - 4 = 0$ $x = \frac{2}{3}$ $\therefore x < \frac{2}{3}$ **OR/*OF*** $x_{\text{inflextion}} = \frac{1+\frac{1}{3}}{2} = \frac{2}{3}$ $x \in (-\infty\ ;\ \frac{2}{3})$	✓ $f''(x) = 0$ ✓ $x = \frac{2}{3}$ ✓✓ answer/*antwoord* (4) **OR/ OF** ✓ method/*metode* ✓ $x = \frac{2}{3}$ ✓✓ answer/*antwoord* (4)

8.5	$f(x-2)=(x-2)(x-2-1)^2$ $=x^3-8x^2+21x-18$ $\frac{d}{dx}=3x^2-16x+21$ $=3(0)^2-16(0)+21$ $=21$ **OR/*OF*** $f'(-2)=3(-2)^2-4(-2)+1$ $=21$	✓ $x^3-8x^2+21x-18$ ✓ $\frac{d}{dx}$ ✓ answer/*antwoord* (3) **OR/*OF*** ✓ $x=-2$ ✓ subst into derivative/*subst. in afgeleide* ✓ answer/*antwoord* (3)
		[20]

QUESTION 9/*VRAAG 9*

	$2r+h=24$ $h=24-2r$ $V=\pi r^2 h$ $=\pi r^2(24-2r)$ $=24\pi r^2-2\pi r^3$ $V'(r)=48\pi r-6\pi r^2$ $0=6\pi r(8-r)$ $r=8$ units	✓ $2r+h=24$ ✓ subst h into V formula/*subst. h in V-formule* ✓ simplification/*vereenvoudiging* ✓ $V'(r)=0$ ✓ common factor/*gemene faktor* ✓ answer/*antwoord* (6)
		[6]

QUESTION 10/*VRAAG 10*

10.1	$P(at\ least\ one) = 1 - 0,6 = 0,4$	✓ answer/*antwoord* (1)
10.2	$P(S \text{ or } D) = P(S) + P(D) - P(S \text{ and } D)$ $0,4 = 0,24 + P(D) - 0,14$ $P(D) = 0,3$ **OR/*OF***  $P(D) = 0,3$	✓✓ correct subst into correct formula/*korrekte substs in korrekte formule* ✓ answer/*antwoord* (3) **OR/*OF*** ✓✓ subst into Venn diagram/*subst. in Venn-diagram* ✓ answer/*antwoord* (3)
10.3	$P(S) \times P(D)$ $= 0,24 \times 0,3$ $= 0,072$ $P(D \text{ and } S) = 0,14$ $P(D \text{ and } S) \neq P(D) \times P(S)$ $\therefore$ not independent/*is nie onafhanklik nie*	✓ $P(S) \times P(D)$ ✓ 0,072 ✓ conclusion/*slotsom* (3)
		[7]

QUESTION 11/*VRAAG 11*

11.1	$7^3 = 343$	✓ 7^3 (1)
11.2	$7 \times 6 \times 5$ OR $\frac{7!}{4!}$ OR 210	✓✓ answer/*antwoord* (2)
11.2	$3 \times 7 \times 2 - 1 = 41$ (400 must be excluded/iutgesluit) $P = \frac{41}{343} = 0,12$ Maximum 3 marks if 400 is included/ *Maksimum 3 punte as 400 ingesluit is*	✓✓ $3 \times 7 \times 2$ ✓-1 ✓ answer/*antwoord* (4)
		[7]

TOTAL/*TOTAAL*: 150