NWU®

Benodigdhede vir hierdie vraestel/Requirements for this paper:			
Antwoordskrifte/ Answer scripts:	X	Multikeusekaarte (A5)/ Multi-choice cards (A5):	
Presensiestrokies (Invulvraestel)/ Attendance slips (Fill-in paper):	X	Multikeusekaarte (A4)/ Multi-choice cards (A4):	
Rofwerkpapier/ Scrap paper:	X	Grafiekpapier/ Graph paper:	

Sakrekenaars/Calculators: Ja/Yes

Ander hulpmiddels/Other resources:

Oopboek vraestel/ Open book exam

Handboeke en notas / Textbooks and notes

Geen toestelle met internet toegang nie / No devices with internet access

Tipe Assessering/ Type of Assessment:	Eksamen 1e geleentheid Exam 1st opportunity Vraestel/Paper 1	Kwalifikasie/ Qualification:	MBA
Modulekode/ Module code:	MBAA813	Tydsduur/ Duration:	4 uur 4 hour
Module beskrywing/ Module description:	Bestuursekonomie / Managerial Economics	Maks/ Max:	100
Eksaminator(e)/ Examiner(s):	Prof. André Heymans Prof. Raymond Parsons Dr. Logan Rangasamy	Datum/ Date:	04/06/2018
Interne/Internal Moderator(s):	Prof. Chris van Heerden	Tyd/ Time:	09:00
Eksterne Moderator(s)/ External Moderator(s):	Dr. J Coetzee		

Inhandiging van antwoordskrifte/Submission of answer scripts: Gewoon/Ordinary

Vanne/Surnames: Nee

Besonderhede van student / Details of student:

Titel/ Title: ________ Voorletters/ Initials: ________ Van/ Surname: ________________

Universiteitsnommer/ University number: [ ][ ][ ][ ][ ][ ][ ][ ]

Kontaknommer/ Contact number: [ ][ ][ ][ ][ ][ ][ ][ ][ ][ ]

Handtekening/ Signature: ________________

Eksamenvoorskrifte / Examination instructions

1. Studente mag in die eerste halfuur van 'n sessie tot die lokaal toegelaat word, maar geen ekstra tyd word toegestaan nie.
2. Geen student word toegelaat om die lokaal te verlaat binne die eerste halfuur van 'n eksamensessie nie.
3. Studente bring sakke na lokaal op **eie risiko**, en moet dit voor in die lokaal neersit.
4. Studente mag nie selfone/elektroniese toestelle by hulle hê en/of hanteer nie.
5. Geen verversings word in 'n eksamenlokaal toegelaat nie.
6. Studente mag nie die lokaal verlaat om te gaan rook nie.
7. Skryf op beide kante van die bladsye.
8. Skryf slegs in swart of blou ink.
9. Geen bladsye mag uit die antwoordskrif verwyder word nie.
10. Studente mag nie ontoelaatbare materiaal by hulle hê tydens 'n sessie nie, bv. notas en/of objekte wat notas bevat nie.
11. Geen items mag tydens die sessie geleen word nie.
12. Studente mag nie 'n ander student probeer help of probeer om hulp te kry nie.
13. Studente **moet** hul antwoordskrifte aan toesighouers oorhandig voordat hulle die lokaal verlaat.
14. Die presensiestrokie op die agterblad, wat ook as onderneming geld, **moet** voltooi en ingegee word.

1. Students are allowed into the venue in the first half hour of a session, but no extra time is granted.
2. No student is allowed to leave the venue before half an hour of the examination session has elapsed.
3. Students bring bags to the venue at **own risk**, and must put them in front of the room.
4. Students may not have cell phones/electronic devices with them and/or handle them.
5. No refreshments are allowed in the examination venue.
6. Students may not leave the room for a smoke break.
7. Write on both sides of each page.
8. Write in black or blue ink only.
9. No pages may be removed from the answer scripts.
10. Students may not have unauthorised material with them during a session, e.g. notes and/or objects that contain notes.
11. No items may be borrowed during the session.
12. Students may not attempt to assist another student, or attempt to obtain assistance.
13. Students **must** hand in their answer scrips to invigilators before they leave the venue.
14. The attendance slip on the back cover that also serves as an undertaking, **must** be completed and handed in.

AFDELING B / SECTION B (Berekeninge / *Calculations*) [29]

Vraag 1 / Question 1 (4)

Bereken die ewewigs-rentekoers gegewe die volgende: / ***Calculate the interest rate at equilibrium given the following:***

Die aanbod van M3-geld is R350 miljard. Teen 'n rentekoers van 11% is die totale vraag na M3-geld gelyk aan R100 miljard, en teen 'n rentekoers van 5% is die totale vraag na M3-geld gelyk aan R400 miljard. / ***The total supply of M3 money is R350 billion. The total demand for M3 money is R100 billion at an interest rate of 11% and R400 billion at an interest rate of 5%.***.

Vraag 2 / Question 2 (10)

Beskou die volgende vraag en aanbod skedules vir beesvleis in beide Suid-Afrika en Namibië: / ***Consider the following supply and demand schedules for beef in both South Africa and Namibia:***

Suid-Afrika / South Africa

Q_D	P	P	Q_S
0	R 150.00	R 50.00	0
2	R 145.00	R 55.00	2
4	R 140.00	R 60.00	4
6	R 135.00	R 65.00	6
8	R 130.00	R 70.00	8
10	R 125.00	R 75.00	10
12	R 120.00	R 80.00	12
14	R 115.00	R 85.00	14
16	R 110.00	R 90.00	16
18	R 105.00	R 95.00	18
20	R 100.00	R 100.00	20
22	R 95.00	R 105.00	22
24	R 90.00	R 110.00	24
26	R 85.00	R 115.00	26
28	R 80.00	R 120.00	28

Prys per kg / Price per kg

Namibië / Namibia

Q_D	P	P	Q_S
0	R 90.00	R 10.00	0
2	R 85.00	R 15.00	2
4	R 80.00	R 20.00	4
6	R 75.00	R 25.00	6
8	R 70.00	R 30.00	8
10	R 65.00	R 35.00	10
12	R 60.00	R 40.00	12
14	R 55.00	R 45.00	14
16	R 50.00	R 50.00	16
18	R 45.00	R 55.00	18
20	R 40.00	R 60.00	20
22	R 35.00	R 65.00	22
24	R 30.00	R 70.00	24
26	R 25.00	R 75.00	26
28	R 20.00	R 80.00	28

Prys per kg / Price per kg

a) Dui grafies aan hoeveel beesvleis aangebied sal word teen elke prys (aanbodkromme) en hoeveel beesvleis gevra sal word teen elke prys (vraagkromme) in Suid-Afrika. Dui ewewigsprys en ewewigshoeveelheid aan. / ***Depict graphically how much beef will be supplied at every price (supply curve) and how much beef will be demanded (demand curve) at every price in South Africa. Indicate equilibrium price and equilibrium quantity.*** [3]

b) Dui grafies aan hoeveel beesvleis aangebied sal word teen elke prys (aanbodkromme) en hoeveel beesvleis gevra sal word teen elke prys (vraagkromme) in Namibië. Dui ewewigsprys en ewewigshoeveelheid aan. / ***Depict graphically how much beef will be supplied at every price (supply curve) and how much beef will be demanded (demand curve) at every price in Namibia. Indicate equilibrium price and equilibrium quantity.*** [3]

c) Teken Suid-Afrika en Namibië se in-en-uitvoer grafieke op **een grafiek** en dui die nuwe wêreldprys en hoeveelheid by ewewig aan. / ***Draw South Africa and Namibia's import and export graphs on one graph and indicate the new world equilibrium price and quantity.*** [4]

Vraag 3 / Question 3 (7)

DJI vervaardig 'n reeks hommeltuie. Die onderstaande tabel wys hoeveel ***dji Phantom 4 Pro's*** hulle kan vervaardig in 'n maand, asook hoeveel hulle van die ***dji Inspire 2*** vervaardig oor dieselfde tydperk. Beantwoord die volgende vrae: / ***DJI manufactures a range of drones. The table below indicates how many dji Phantom 4 Pros they can manufacture in a month, and how many dji Inspire 2's they can manufacture over the same period. Answer the questions that follow:***

Moontlikheid *Option*	***dji Phantom 4 Pro***	***dji Inspire 2***
A	1200	0
B	1150	50
C	920	90
D	550	120
E	250	200
F	0	300

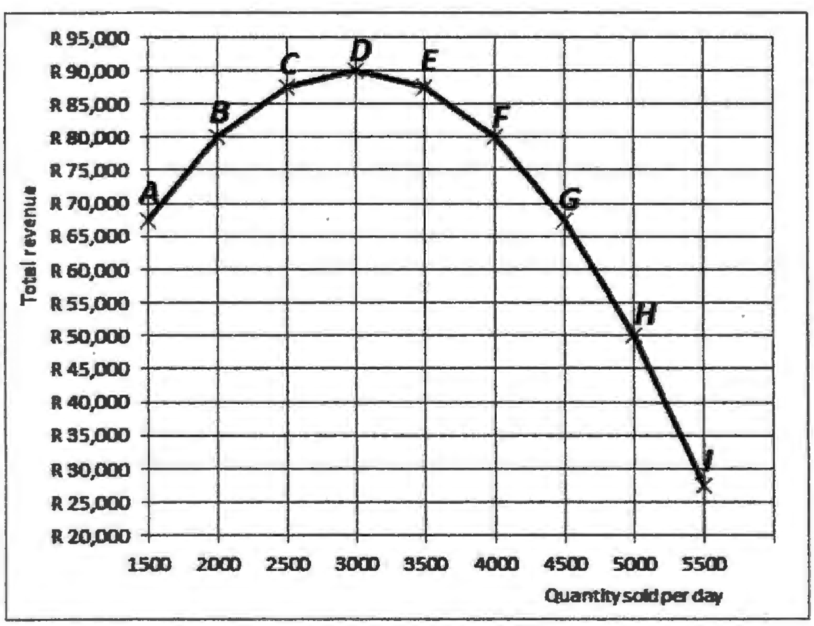
a) Dui grafies die geleentheidkoste aan vir *DJI* om hierdie hommeltuie te vervaardig (Produksiemoontlikheidskromme). Dis belangrik om jou asse te benoem. Punte sal afgetrek word vir onbenoemde asse en byskrifte. / ***Show graphically what opportunity cost DJI faces when manufacturing these drones (Production possibilities curve). It is important that you name your axes. Marks will be deducted for unnamed axes and missing headings.*** [2]

b) Gestel dit kos *DJI* R23 000 om een ***Phantom 4 Pro*** te vervaardig en dit kos hulle R30 500 om een ***Inspire 2*** te vervaardig. Bereken die totale wins wat DJI sal maak vir elke kombinasie hommeltuie as die ***Phantom 4 Pro*** vir R31 000 per eenheid verkoop en die ***Inspire 2*** vir R58 500 per eenheid verkoop. / ***Say it costs DJI R23 000 to manufacture one Phantom 4 Pro and R30 500 to manufacture one Inspire 2. Calculate the total profit for every combination of drones if the Phantom 4 Pro sells for R31 000 per unit, and the Inspire 2 retails for R58 500 per unit.*** [4]

c) Watter kombinasie van hommeltuie moet *DJI* vervaardig om hul wins te maksimeer? / ***Which combination of drones must DJI manufacture to maximise profit?*** [1]

Vraag 4 / Question 4 (8)

Beskou die volgende grafiek en bereken telkens die elastisiteit van vraag tussen die punte soos aangedui op die grafiek: / ***Consider the following graph and calculate the elasticity of demand in each case between the points as indicated on the graph:***



a) Elastisiteit van vraag tussen punte A & B. / ***Elasticity of demand between points A & B.*** [1]
b) Elastisiteit van vraag tussen punte B & C. / ***Elasticity of demand between points B & C.*** [1]
c) Elastisiteit van vraag tussen punte C & D. / ***Elasticity of demand between points C & D.*** [1]
d) Elastisiteit van vraag tussen punte D & E. / ***Elasticity of demand between points D & E.*** [1]
e) Elastisiteit van vraag tussen punte E & F. / ***Elasticity of demand between points E & F.*** [1]
f) Elastisiteit van vraag tussen punte F & G. / ***Elasticity of demand between points F & G.*** [1]
g) Elastisiteit van vraag tussen punte G & H. / ***Elasticity of demand between points G & H.*** [1]
h) Elastisiteit van vraag tussen punte H & I. / ***Elasticity of demand between points H & I.*** [1]

AFDELING C / SECTION C (Opstel vrae / *Essay questions*) [50]

Vraag 1 / Question 1 (20)

Ons staar klimaatsverandering teen voorheen onbekende skaal in die gesig. Die impak van hierdie veranderinge is onvermydelik en sal die manier waarop ons leef, werk, regeer en besigheid doen verander. / ***We are faced with climate change on a previously unseen scale. The impact of these changes are inevitable and will change the way in which we live, work, govern and do business.***

Watter uitdagings sal ondernemings in terme van hul verantwoordelikhede in die gesig staar ten opsigte van klimaatsverandering? / ***What challenges will firms face in terms of their responsibilities when it comes to climate change?***

Vraag 2 / Question 2 (30)

World Bank predicts just 1.1% GDP growth for SA in 2018

Cape Town

South Africa's economy is expected to grow by just 1.1% in 2018 - one of the lowest rates in sub-Saharan Africa, according to the World Bank. The bank published its annual global economic outlook on Tuesday evening, which includes predictions of GDP growth around the globe. Of the 43 countries that make up sub-Saharan Africa only two - Equatorial Guinea and Zimbabwe, were forecast to have lower growth rates than South Africa in 2018. The World Bank said that sub-Saharan Africa's growth would likely average around 3.2% in 2018, about 0.1% higher than the world average of 3.1%.

Die Wêreldbank voorspel dat Suid-Afrika se ekonomiese groeikoers vir 2018 'n skamele 1.1% gaan wees. Volgens Statestiek SA is Suid-Afrika se populasiegroeikoers 1.6%. Dit beteken dat BBP/capita steeds gaan krimp in 2018. / ***The World Bank predicts that SA's economic growth rate will be a meagre 1.1% in 2018. According to Statistics South Africa, our population growth rate is 1.6%, meaning that GDP/capita will continue to shrink in 2018.***

Gestel dat jy 'n memorandum moet skryf aan die onlangs verkieste president Cyril Ramaphosa met advies om die SA ekonomie om te draai. Wat sou jy voorstel rakende sy beleidsprioriteite asook die kort-termyn en lang-termyn stappe wat hy moet neem ten einde 'n groter, sterker en beter ekonomie te skep? / ***Imagine you are requested to write a memorandum to advise recently-elected President Cyril Ramaphosa on what to do to turn the SA economy around. What would you suggest should be his policy priorities and what short and long term steps would you advise him to take to create a bigger, stronger and better economy?***

Maak spesifiek melding van die belangrikheid van beleidsekerheid, asook die rol van beleggersvertroue ten einde beter uitkomste te bewerkstellig vir alle Suid-Afrikaners. / ***Make specific reference in your answer to the significance of the National Development Programme, the importance of policy certainty, as well as the role of investor confidence in achieving better outcomes for all South Africans.***

TOTAAL: / TOTAL: [100]