## ACF114/ AC213 (M) MAY 2019

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# UNIVERSITY OF ESWATINI DEPARTMENT OF ACCOUNTING AND FINANCE MAIN EXAMINATION PAPER MAY 2019

DEGREE/ DIPLOMA AND

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:

YEAR OF STUDY

B.COM YEAR 1/B.COM LEVEL 1/LEVEL 3

TITLE OF PAPER

PRINCIPLES OF FINANCE

COURSE CODE

ACF114/ AC213 (M) MAY 2019

TOTAL MARKS

100 MARKS

TIME ALLOWED

THREE (3) HOURS

**INSTRUCTIONS** 

- 1 There are four (4) questions, answer all.
- 2 Begin the solution to each question on a new page.
- 3 The marks awarded for a question are indicated at

the end of each question.

- 4 Show all the necessary workings.
- 5 Round off as you deem appropriate.

Note: You are reminded that in assessing your work, account will be taken of accuracy of the language and general quality of expression, together with layout and presentation of your answer.

THIS PAPER IS NOT TO BE OPENED UNTIL PERMISSION HAS BEEN GRANTED BY THE INVILATOR OR SUPERVISOR.

SPECIAL REQUIREMENTS:

CALCULATOR

ACF114/ AC213 (M) MAY 2019

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**QUESTION 1** 

You have been approached by a prospective Bachelor of Commerce student a)

Andile Dlamini who is unsure whether to focus on a career in Financial

Accounting or Financial Management. Andile Dlamini wants to make an

informed decision before enrolling and has asked you to explain the differences

between the two.

You are required to write a report to explain 5 differences between financial

accounting and financial management. (15 Marks)

b) The directors of Shandu Limited have asked the shareholders of Shandu Limited

to approve the payment of an increase of 10% of their salaries. However, this is

despite the fact that the performance of companies in the industry is being

affected by a recession in the economy and generally companies have maintained

salaries at the same level as the previous financial year. Identify the problem

being faced by Shandu Limited and briefly explain it. How do you think this

problem can be addressed in Shandu Limited? (15 Marks)

Total: (30 Marks)

## **QUESTION 2**

Discuss four factors that show the invaluable role that is played by financial a)

markets in the economy of any country? (12 Marks)

Suppose that Marble Limited which is a South African company has just imported b)

goods from Tonado Limited a U.S.A company. The agreement between Marble

Limited and Tonado Limited requires that payment should take place three

months from now. What two strategies could Marble Limited employ for the

payment of the goods from the U.S.A and what could be the risk of each strategy?

(8 Marks)

Total: (20 Marks)

### **QUESTION 3**

a) Flynn Jackson invests E20 000 for five years in a savings account that pays simple interest at the rate of 10% per annum. How much money will Flynn have in the savings account at the end of five years? (5 Marks)

b) Suppose that Staci Sithole invests E10 000 that pays 5% interest compounded annually, how much will she have in her account four years from now? (5 Marks)

c) At the end of each of the past 14years, Venessa Smith deposited E5 000 in an account that earned 8% compounded annually, how much is in the account today?

(5 Marks)

d) For the question in (C) above, how much would be in the account if the deposits were made at the beginning of each year, rather than at the end of each year?

(5 Marks)

e) Suppose you invest a lump sum today at the rate of 11% compounded annually.

How much must you deposit in the account today if you want to pay yourself

E2 000 at the end of each year for five years? (5 Marks)

Total: (25 Marks)



### **QUESTION 4**

Assume that you are considering selecting assets from among the following two options:

Asset A			Asset B									
Market	Return	Probability	Market	Return	Probability							
condition		Liganosani	condition									
Good	16%	0.25	Good	20%	0.25							
Average	12%	0.50	Average	14%	0.50							
Poor	8%	0.25	Poor	8%	0.25							

- a) Compute the expected return of each stock. Which stock is most desirable by this measure? (5 Marks)
- b) Compute the standard deviation of the annual rate of return for each stock? By this measure, which is the preferable stock? (8 Marks)
- c) Compute the coefficient of variation for each stock. By this measure relative measure of risk, which stock is preferable? (5 Marks)
- d) Assuming that you have a E100 000 which you split 50/50 between asset A and Asset B, compute the expected return of the portfolio. (3 Marks)
- e) Using examples, distinguish between business risk and financial risk. (4)

Total (25 Marks)

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434.7	377.10	327.11	283.50	245.7	3 212 7930	184 1	159.2:	157.6	8.811	102.4	88.2118	0.74		£ 55.7175	47.5804	40.5047	34.3519	29.0017	1	20.3037	16.7858	13.7268	11.0668	8.7537		4.9934	3,4725	2.1500	1.0000	00000	15%	- Anna Carachine
451 1)	697 98	041 81		120 56		678 39	764 32	516 27	101 22	456 18		364 12	751 10							85	3			537	424					000		
81.881	984.0680	9.2255	681.8528	567,3773	471.9811	392,4842	6.2369	1.0307	5.0256	6.6880	154.7400	75.8364 128.1167	105.9306	87.4421	72 0351	59.1959	48.4966	39.5805	32.1504	25.9587	20.7989	16.4991	12.9159	9.9299	7.4416	5.3680	3,6400	2.2000	1.0000	0.0000	20%	

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25.0008		4		2	22.0232	21.2434	20.4558	19.6604	18.8570	18.0456	17.2260	16.3983	15.5623	14.7179	10.000	13857	13 0037	12.1337	11 2551	10.3676	9.4713	8.5660	7 6517	6.7282	5.7955	4.8534	3.9020	2.9410	1.9704	0.9901	0.0000	1%
21.8444				20 1210	19.5235	18.9139	18.2922	17.6580	17.0112	16.3514	15.6785	14.9920	14 2919	10,000		17 8493	12 1062	11.3484	0.5753	9.7868	8.9826	8.1622	7.3255	6.4720	5,6014	4.7135	3.8077	2.8839	1.9416	0.9804	0.0000	2%
17.1000	100100	18 7641	18.3270	17.8768	17.4131	16.9355	16.4436	15.9369	15.4150	14.8775	14.5258	13.7535	10.1001	171001	10251	11.9379	11.2961	10.6350	9.9540		8.5302		7.0197	6.2303	5.4172	4.5797	3.7171	2.8286	1.9135	0.9709	0.0000	3%
10.7007	7.500.71	16.6631	16.3296	[5.9828]	15.6221	15.2470	14.8568	14,4511	14.0292	13.5903	10.100Y	12,0090	7001.71	10 1657	1 1 1 1 1 1 1 1	11.1184	10.5631	9.9856	9.3851	8,7605	8.1109	7,4353	6.7327	6.0021	5.2421	4.4518	3.6299	2.7751	1.8861	0.9615	0.0000	4%
	151411	14,8981	14.6430	14.5752	14.0939	15.7986	13.4886	13.1630	12.8212	12.4022	14,0000	12 0053	11.0.41	11 2741	10 8378	10.3797	9.8986	9.3936	8.8633	8.3064	7.7217	7.1078	6.4632	5.7864	5.0757	4.3295	3.5460	2.7232	1.8594	0.9524	0.0000	5%
1	13 5907	13.4062	13.2105	15,0032	12.7834	12.5504	12.5034	2.04.10	11./641	1,4077		11 1581	10001	10 4773	10 1059	9.7122	9.2950	8.8527	8.3838	7.8869	7.3601	6.8017	6.2098	5.5824	4.9173	4.2124	3,4651	2.6730	1.8334	0.9434	0.0000	6%
1000 C	12.2777	12.1371	11.9867	11.8258	11.6536	11,4690	11.2/22	710011	10.0000	10.0755		10.3356	10000	9 7632	9.4466	9.1079	8.7455	8.3577	7.9427	7.4987	7.0236	6.5152	5.9713	5.3893	4.7665	4.1002	3.3872	2.6243	1.8080	0.9346	0.0000	7%
11 3578	11.1584	11.0511	10.9352	10.8100	10.6/48	10.5288	10.0711	10.499		7076	0 2 2	9 6036	0 2710	9.1216	8.8514	8.5595	8.2442	7.9038	7.5561	7.1390	6.7101	6.2469	5.7466	5.2064	4.6229	3.9927	2.2121	2.5771	1,7855	0.9259	0.0000	8
10 2757	10.1983	10.1161	10.0266	9.9290	9.8226	9.000	)	0 7 0 7 C	7.000			8 9501	8 7556	8,5456	8.3126	8.0607	7.7862	7.4869	7.1607	6.8052		3				3		8		2		
9 4269	9.3696	9.3066	9.2572	9.1609	9.0770	- 18		8 8 8 3 7 Y		2 6427	8 5136	- 8		- 1	7.8237	7.6061	7.3667	8		9				5		3.7908	,		8	4		
	8.6501	8 6016	8.5478	8.4881		100		- 8				- 8	33.4		7.5792	3		2		22	- 22	n () () (		3		S.	- 193	50	- 18			
8.0552	8.0218 7	7.9844	7.9426 7					- 15		13	4	1	7.2497 6		6.9740 6	8		20	' 🎏		4	334	7 C8C8 7			<b>6</b>	100	2 0101 C		M'		
7.4957 7	7.4701 6	7.4412 6	9	200		- 69		- 13		Ě	7.0248 6	!	6.8399 6.	6.7291 6.	6.6039 6.	ã	18	853	448	뙗	- 8	1000	T 1717 40	8	- 10	30075 3	- 18	0.0745 0.0		0.0000		
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6.5660 4.9789	6.5509 4.9747	186				- 6		6.3988 4.9245		1	6.2595 4.8696		6.1280 4.8122	ź		Si.		28.	100		- 50	34	- 13		- 83		- 13		200			വെയാ വ