UNIVERSITY OF ESWATINI DEPARTMENT OF ACCOUNTING AND FINANCE MAIN EXAMINATION PAPER DECEMBER 2018

DEGREE/ DIPLOMA AND

YEAR OF STUDY

B.COM LEVEL 3 (IDE)

TITLE OF PAPER

PRINCIPLES OF FINANCE

COURSE CODE

AC213 (M) DECEMBER 2018

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

QUESTION 1

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

Asset A			ASSE	EL B	
Market condition Good	Return 16%	Probability 0.25	Market condition Good	Return 20%	Probability 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? (6 Marks)
- b) Compute the standard deviation of the annual rate of return for each stock? By this measure, which is the preferable stock? (6 Marks)
- c) Compute the coefficient of variation for each stock. By this measure relative measure of risk, which stock is preferable? (6 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) Distinguish between business risk and financial risk. (4)

Total (25 Marks)

QUESTION 2

- Suppose Edith Baker deposits E10 000 into a savings account today for which the bank pays simple interest at a rate of 10% per annum.
 How much money will Edith Baker have in the account at the end of three years?
 (5 Marks)
- b) For the same deposit in (a) above, how much will Edith Baker have at the end of three years if the interest is compounded annually at the same rate of 10%? (5 Marks)
- c) Comment on the differences on the results in (a) and (b) above. (5 Marks)
- d) Nokuthula Dlamini is certain that she will graduate five years from today and would like to buy herself a laptop at that time. Computronics (Pty) Limited informed her that the laptop model she is interested in will cost E30 000 at the future date. If Nokuthula Dlamini can earn interest at 12% per annum compounded annually in a savings account, how much must she deposit into the savings account today? (5 Marks)
- e) Mary Khumalo wants to deposit E15 000 at the end of each year into a special savings account for five years. The bank has promised her a rate of interest of 10% per annum compounded annually on her savings, how much money will she have at the end of her savings term? (5 Marks)

Total: 25 Marks

QUESTION 3

- a) The directors and managers of ABC Limited are acting in an inconsistent manner to the objective of maximising the wealth of shareholders. Identify the problem and briefly explain it. How do you think this problem can be addressed in ABC Limited? (8 Marks)
- b) Define the term arbitrage. Explain why arbitrage opportunities do not last very long? (4 Marks)
- c) Rank bonds, debentures, preference shares and ordinary shares in terms of their riskiness and provide reasons for your justification. (8 Marks)
- d) Briefly explain non diversifiable risk? (5 Mark)

Total: (25 Marks)

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QUESTION 4

Discuss five factors that affect the value of a company's shares? (25 Marks)

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Table 4: Present value of an annuity of R1 per period for n periods

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