

**KINGDOM OF BAHRAIN  
MINISTRY OF EDUCATION  
DIRECTORATE OF EXAMINATION / EXAMINATION SECTION**

**COMMERCIAL EDUCATION EXAMINATION**

**FIRST SEMESTER EXAM 2007/2008**

**COURSE NAME :** Financial Mathematics  
**COURSE CODE :** Fin 111

**TRACK :** COMMERCIAL  
**TIME :** 2 Hours

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Read all the instruction for each question carefully before answering each question.  
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**Question1:**

Chose the correct answer within writing the exact procedures you use.

1) Mohammed works as an security, he earns BD 3.250 per regular hour, last week he worked 48 hours, and the gross salary is:

- a- BD 215
- b- BD 200
- c- BD 156
- d- BD 265

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2) Ahmed is a teacher in education Ministry his monthly salary is BD 500, and he is given social allowance BD50, if 6% deduction from his salary for the pension, his gross salary is:

- a- BD 450
- b- BD 250
- c- BD 600
- d- BD 550

3) A according to second step2. Ahmed pension is:

- a- BD 40.500
- b- BD 33.000
- c- BD 25.650
- d- BD 26.550

4) The number of hours worked one month by Hassan, if the hourly rate is BD5.500 and his total gross pay is BD 330 for one month is:

- a- 20 hours
- B- 30 hours
- c- 60 hours
- d- 10 hours

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**Question 2:**

A) - Abdullah travel to Kuwait with KD 1000 he spent KD 300, and then he decided to travel to Egypt. Find the amount of Egyptian pound that received if the exchange rate is  $EGP1=KD 0.0500094$  .

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B) – Abdurrahman an employee for 50 hours per week at a basic rate BD2.500 per hour (Up to 45 hours) and time and a half for hours is excess 45 hours compute:

1- Basic wage =

2- Over time hour =

3- Over time payment =

4- Total gross wage =

**Question 3:**

A) - Mango stores imported ladies clothes at BD3000 plus freight at BD300 an evaluation profit 10% of total cost. Find the percentage of insurance if the insurance premium is BD72.600.

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B) - Le Marsh stores imported the following items:

- |   |        |
|---|--------|
| - Quantity of fresh vegetable and fruit | BD1500 |
| -Radio and television                   | BD4520 |
| - Tobacco                               | BD500  |

Find how much customs duty le Marsh stores paid?

**Question 4:**

A) - Ebrahim an employee is paid a basic salary of BD 460 per month, followed by a commission of 6% on the first BD 2600 of sales and 9% thereafter. What will he earn in a month when his sales total BD 5600?

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B) – Ali Visa card amounted to BD2000 .if this card had been used to pay the following payments:

- Booked two tickets for BD140 each.
- purchase 2 books from internet for £ 10.20 each
- purchase a hand bags by catalogue purchase price of £ 200

How much does he pay to his bank in Bahraini Dinar if the rate of exchange on the same day of the transfer is: £ 1= BD 0.553 (buying price) £ 1= BD 0.559 (selling price) The bank will charge 1.5% for the exchange by using the Visa card .also there is a charge of BD 4.500 for using the card on the internet.

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**Question 5:**

Find the amount paid for invoice received 10<sup>th</sup> April 2007 and paid on 15<sup>th</sup> April 2007:

particular	Dinar	Fils
Subtotal	750	500
Less 10%		
Balance		
Freight	20	
Total BD		
Date: 7-4-2007		
Terms: 4/10,n/30,R.O.G		

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**END OF EXAM**