Kingdom Of Bahrain Ministry Of Education Shaikh Isa bin Ali Alkhalifa Commercial Secondary School Financial Department B – (FIN B)

Financial Mathematics 1 - FIN111

Study Guide

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Student Name

Student Number

Class

<u>Remarks:</u>	
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CHAPTER ONE: Money and the Currency System

Changing BD to Foreign

Ex1: Change BD 1,250 to Egyptian Pound if the rate of exchange is (EP£ 1 = BD 0.080)

The exchange rate says that if you want to <u>buy</u> an EP£ you will pay BD0.080

The question is how much BD1250 can buy to you. The answer is:

Ev1. Change the following sum of Rahraini



Changing Foreign to BD

Ex3: change £5,000 Sterling Pound to Bahraini Dinars if the exchange rate is £1 = BD 0.5566

The exchange rate says that if you want to <u>sell</u> your Sterling Pound £ you will get BD0.5566

The question is for how much you can sell your £5000. The answer is:

BD		£
0.5566	\ /	1
???	\times	5000

Ev4. Change each 900 Swice france (CHE) to

LAT. Change the following sum of bandanii	LA4. Change cash 600 Swiss hancs (Chr) to
Dinars to foreign currency as indicated:	Bahraini Dinars (BD) if (CHF = BD 0.221)
a) BD 1,000 to pound sterling if the rate of	
exchange is (£1 = BD0.576)	
	Ex5: Change 30,000 Hong Kong Dollars to
	Bahraini Dinars if the exchange rate is:
b) BD 1,500 to Euro if the rate of exchange is	(A Hong Kong Dollar = BD 0.0497)
(€1 = BD0.374)	

<u>Using</u>	Buying	and Selling	Prices

To buy and sell a currency from an Exchanger, you will face two rates:

Puving Pate: a rate that which the exchanger.

Buying Rate: a rate that which the exchanger accepts to buy a foreign currency at.

Used to Change Foreign (\$) to Local (BD)

<u>Selling Rate:</u> a rate that which the exchanger accepts to sell a foreign currency at.

Used to Change Local (BD) to Foreign (\$)

<u>Ex1:</u> The followings are the Exchange rates of the Bahraini Dinar from today's newspaper:

Exchange rates						
Currency Cash buy Cash sell Draft						
European Union	BD	BD	BD			
(Euro) €1	0.412180	0.432170	0.459170			
Oman (Riyal)	BD	BD	BD			
OR1	0.973000	0.979000	0.984220			

b) Convert €3,000 Euro to Bahrain Dinars by

bank draft as of today's newspaper exchange rates?	
	•••••
a) Change BD 2,500 to Omani Riyals using	
cash rate from today's newspaper?	
,	

c) BD 6,500 cash to US Dollars if the
exchange rate is \$1 = BD0.376 buy, and \$1 =
BD0.377 sell
Cash versus Draft/Transfer
Ex2: Change the following using the exchange rates of page 43
a) BD 3,000 Cash to Iran Rial Cash
b) Japanese Yen ¥ 3,000,000 to BD
c) BD 6890 to Lebanese Pound

Convert Foreign to Foreign	Ex4: Change 4200 Euros to Kuwaiti dinars
There are two methods to convert foreign	(draft).
currency to another foreign currency:	
1- Direct Method	
Ex1: € 7,850 to Japanese Yen if	
—— · €1 = ¥ 123.63339	
Ex2: Convert 8900 Swiss Francs to Euros € if the exchange rate is (CHF 1 = €0.6182)	Ex5: 9850 pounds sterling which in cash to USA dollar if exchange rates are: £1 = KD 0.5708 and \$1 = KD0.2891
2- Middle Currency Method	
Fu2. Change 1900 Douade Stading which is in	
Ex3: Change 1800 Pounds Sterling which is in	
Cash to US dollar in cash.	
	Ex6: € 7,850 to Japanese Yen if
	\$1= € 0.9787, \$1 = ¥ 121.100
	,

Final Exams Questions:

1) Question #1-A First Semester 2002/03

Change the following currencies into cash as indicated using the given rates of exchange:

BD 5,500 to sterling pounds if the rate of exchange £1 =BD 0.59

2) Question #1-B First Semester 2002/03

Change the following currencies into cash as indicated using the given rates of exchange: 7,850 euro to Japanese Yen if \$1=0.9787 Euro, \$1= ¥121.100000

3) Question #2-A Second Semester 2002/03

Change cash 800 Swiss francs to BD if (1 Swiss Francs = BD 0.221)?

4) Question #2-B Second Semester 2002/03

Change 1800 Pounds Sterling which is in Cash to us dollar in cash if the exchange rate for one pound is as following:

Transfer buy rate = BD0.545 sells rate = BD0.552

Cash buy rate = BD0.501 sells rate = BD0.512

And the exchanging rate for the BD1 is as follows:

Transfer buy rate = \$ 2.598

sells rate = \$ 2.655 Cash buy rate = \$ 2.665

sells rate = \$ 2.660

5	Question	#1-A	First	Semester	2003	<i>1</i> 04

Change 30,000 Hong king Dollars to Bahraini Dienars the rate of Exchange is: (1 Hong king Dollar = BD 0.0497)

<u>6) Quest</u>	ion #2 First S	<u>Semester 20</u>	003/04	
Change /	1200 Kuwaiti	i Dinare whi	ch ic in cach	
_	1200 Kuwaiti			
as follow		exchangera	ate for KD is	
		250		
•	rate = BD 1 s rate = BD 1			
			iuroi	Convert 62 000 Euro to Dobrain Dinare by
	exchanging r			Convert €3,000 Euro to Bahrain Dinars by
-	rate: (1 Eur		•	bank draft today's newspaper?
Casii seii	s rate: (1 Eu	10 – DD 0.44	13)	
				8) Question #1-A First Semester 2004/05
				Change 4200 Euros (cash) to Kuwaiti Dinars
				_ (cash), if the exchange rate for 1 Euros as
				follows:
				Cash buying rate = BD 0.425
				Selling rate = BD 0.465
				The exchange rate for 1KD as follows:
				Cash buying rate = BD 1.215
7) Quest	ion #1-A Sec	ond Semest	ter 2003/04	Selling rate = BD 1.280
	wing are the	_		
	Dinars from	-	-	
_	3D2500 to O	<u>-</u>	using cash	
rate fron	n today's nev	wspaper?		
	Exchan	ge rates		
Currency European	Cash buy BD0.41218	Cash sell BD0.43217	Draft BD0.45917	
Union (Euro) €1	550	220.1021	220.10021	
Oman (Riyal) OR1	BD0.97300	BD0.97900	BD0.98422	

9) Question #2-A	Second Semes	<u>ster 2004/05</u>	
Change 7500 pou	ınd sterling wh	nich in cash to	
USA Dollar if the I	_		
Currency	Cash buy	Cash sells	
Starling nound	rate BD 0.585	rate BD 0.580	
Sterling pound USA Dollar	BD 0.383 BD 0.376	BD 0.378	
00/1201141	0.370	0.370	
			11) Question #1 First Semester 2005/06
			Change 20000 Jordan Dinars which is in cash
			to Euros in cash if the exchange rate is as follows:
			(Transfer buy rate) JD1 = BD 0.5285
			Transfer buy rate) €1 = BD 0.3708
			(Transfer sell rate) JD1 = BD 0.5355
			(Transfer sell rate) €1 = BD .03715
			(Cash buy rate) JD1 = BD 0.5230
			(Cash buy rate) €1 = BD 0.3578
10) Question #1-A	A Reset Exam	<u> 2004/05</u>	(Cash sell rate) JD1 = BD 0.5261
Change £4100 ste	erling pound (d	cash) to	(Cash sell rate) €1 = BD 0.3590
Japanese yen (cas			
£1 is as follows:	,		
Cash buying rate	= BD 0.701		
Cash selling rate =			
And the exchange		en is as	
follows:			
Cash buying rate	= BD 0.0031		
Cash selling rate =			

12) Question #2 Second Semester 2005/06		
Bahraini family decided to take \$5000 on		
their trip, they have two choices for		
exchange:-		
1- Change Dollar to Euro given that		
\$1 = € 0.81		
	-	
	-	
	-	
	<u> </u>	
	<u> </u>	
	•	
2- The second choice is:		
(cash sell rate) \$1 = BD 0.378		
(cash buy rate) \$1 = BD 0.377		
(cash sell rate) €1 = BD 0.4665		
(cash buy rate) €1 = BD 0.4740		
	-	
	-	
	-	
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13) Question #2-A First Semester 2006/07

Fajer traveled to Kuwait with KD 950, she spent KD 400, and then she decided to travel to Jordan. Find the amount of Jordan Dinars that received if the JD1 = KD 0.650

CHAPTER TWO: Methods of Payments

Payment by Bank Draft and Fund Payment by Credit Cards Transfer **Ex3:** A Master Card purchases amount to BD8000; if it used to pay a foreign purchase **Ex1:** A Bahraini exporter sells 40 items of of USA \$65.40 – How much did the business dress to an importer in London for BD100 pay to the bank. If the market selling rate for each. If the bank transfer selling exchange \$1=BD0.3750 and market buying rate for rate for £1 is BD 0.593 and the cash selling \$1=BD0.3720 the bank will charge 1% for the exchange rate is BD 0.590; how much will be exchange using card. the equivalent amount received by the exporter? **Ex2:** A wholesaler orders his bank to transfer BD25,000 to an exporter in Japan as a cost of buying (50 TVs and 60 DVDs) if the exchange rate is as follows: ¥1 = BD 0.00290 (Cash Selling)¥1 = BD0.00281 (Cash Buying) **Ex4:** Visa Card purchases amounted BD1,000; ¥1 = BD 0.00295 (Transfer Selling) If it used to pay a foreign purchase from the ¥1 = BD0.00289 (Transfer Buying) internet of USA \$1,865.95 - How much did the business pay to the bank. If the market selling rate is \$1= BD0.37750; market buying rate is \$1=BD0.3722 and the bank will charge 1.5% for the exchange using card plus BD5 for using the card on the net.

	Ex6: Visa card purchases amounted to
	BD4000. If this card has been used to pay the
	following payments:
	 Purchase tow table from internet for
	25.500 sterling pound if the rate of
	Exchange for one pound = BD0.575 selling
	price BD0.570 buy price
	 Purchase window fan by catalogue priced
	\$90 if the rate of exchange:-
	\$1=BD0.3775 selling price \$1=BD0.3720
	buying price
	 Purchases of BD 500 from Géant.
	And the bank will charge 1% for exchange
	buy using the visa card for exchange plus BD
Ex5: If Ali's Visa card had been used to pay a	5 for using the card by internet
foreign purchases from the internet	
amounting to US Dollars 5,800 – His bank will	
charge 1% for the exchange using the visa	
card and BD 5 for using the card on the	
internet. Find how much he will pay to the	
bank in Bahraini Dinar if the current market	
rate of exchange is as follows: (selling rate	
\$1=BD0.3785) (Buying rate \$1=BD0.3760).	
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Final Exams Questions:

1) Question #2 First Semester 2002/03

Visa card purchases amounted BD 1,000 If used to pay a foreign purchase of USA \$1,865.95 – How much did the business pay to the bank. If the market selling rate for \$1=BD0.37750 and market buying rate for \$1=BD 0.3722 the bank will charge 1.5% for the exchange using card .plus BD 5 for using the card on the net.

Purchase window fan by catalogue priced \$90 if the rate of exchange:-\$1=BD0.3775 selling price \$1=BD0.3720 buying price And the bank will charge 1% for exchange buy using the visa card plus BD 5 for using the card by internet?

2) Question #2 Second Semester 2002/03

Visa card purchases amounted to BD4000. If this card has been used to pay the following pay meant:

Purchase two table from internet for 25.500 sterling pound if the rate of Exchange:-

One pound = BD 0.575 selling price BD0.570 buying price

3) Question #2 Second Semester 2003/04

If your Visa card had been used to pay for a foreign purchases from the (internet) amounting to USA \$7500 – Your bank will charge 1% for the exchange using the visa card and BD5 for using the card on the internet. Find how much will you pay to bank in Bahraini Dinars if the current market rate of exchange is as follows:

Selling rate \$1 = BD 0.3785

Buying rate \$1 = BD 0.3760

	5) Question #1-A Second Semester 2004/05
	Al canary Co. imports items from German, if the cost of the items is Euro 164350. Find our how much Al canary Co will pay from its account to the exporter in Bahraini Dinars if the exchange rate is: 1 Euro= BD 0.459 (Bank transfer selling rate) 1 Euro= BD 0.422 (Bank transfer buying rate)
4) Question #3-B First Semester 2004/05	
If Ali's Visa card had been to pay a foreign purchases from the (internet) amounting to USA \$5800 – His bank will charge 1% for the exchange using the visa card and BD 5 for using the card on the internet. Find how much he will pay to the bank in Bahraini Dinars if the current market rate of exchange is as follows: (selling rate \$1=BD0.3785) (Buying rate \$1=BD0.3760)	6) Question #2-B Second Semester 2004/05 Master card purchases amounted BD 5000 if this card had been used to pay freight purchase of USA \$ 565.500 – How much did the business pay to the bank if the market selling rate for \$1 = 0.3780 and buying it at \$1 = 0.3720 and the bank will charge 1% for the exchange using card?

7) Question #5 Reset Exam 2004/05	
Ali's Visa card purchases amount to BD 6000.	
If this card has been used to pay the	
following payments?	
1- Rent a car for BD 150.	
2- 4digital cameras from internet £700 each	
the bank will charge 1% plus BD 5 for using	
Internet. If the rate of exchange:-	
Selling rate Buying rate	
£ = BD 0.575 £ = BD 0.570	
How much does Ali pay to his bank in	
Bahraini Dinars?	
	9) Question #3-B Reset Exam 2005/06
	A Bahraini travels to Malaysia He uses his visa card for purchases amounting at RM 8770
	How much will his bank in Bahrain deduct
	from his account if the bank will charge 2%
	for the exchange using the card and current
0) 0	exchange rate is Malaysian Ringgit
8) Question #1-B First Semester 2005/06	sell 1RM = BD0.09452
Your master card had been used to pay the	buy 1RM = BD0.10480
following payments:	
- BD 180 Gulf Hotel charges for 3 days.	
- Purchase 6 pairs of shoes by catalogue	
purchase price for each is ¥ 4000	
How much did you pay to the bank in	
Bahraini Dinars if the bank will charge 1% for	
the exchange using the card and the rate of	
the exchange is:	
(Selling Price) ¥1 = BD 0.00355	
(Buying Price) ¥1 = BD 0.00335	

10) Question #2-B First Semester 2006/07	
A Saudi importer purchases dresses from	
Bahrain at a cost of SR 8,000. Find out how	
much will be transferred by his bank to	
Bahraini Exporter in BD if the exchange rate	
is:	
SR1 = BD 0.1055 (cash exchange rate)	
SR1 = BD 0.1048 (transfer exchange rate)	
	-
	-
	-
	_
	-
	-
11) Question #3 First Semester 2006/07	
Your visa card purchases amounted to BD	
3,000. If this card had been used to pay for a	
foreign purchases from the internet	
amounting to £ 600. How much did you pay	
to the bank in Bahraini Dinars assume that	
the market selling rate for £1 = BD 0.591 and	
the market buying rate for £1 = BD 0.567, the	
bank will charge 1.5% for the exchange using	
the card, plus BD 5 for using the card on the	
net.	
	-

CHAPTER THREE: Money and the Currency System

1- Annual Salaries

Ex1: Mohammed works as a senior
accountant and his annual salary is BD 5280, find his monthly salary?
Ex2: Manal earns BD 560 per month, find her annual salary.
Ex3: Ahmed monthly salary is BD300, if he receives an annual increase of 10%, find his new monthly and annually salary.
Ex4: A clerk currently earns a gross salary of BD 5000 per annum, if he receives an annual increase of 12% from 1st May, what will be the amount of his new monthly salary (gross) for the month of May?

2- Piece Rate System

can produce 100 pieces in a week and earns BD 0.9 for each piece, how much will be his total pay?
Ex6: Ali work for Gulf Company, if he earned BD 208 in 2 weeks in which he produced 200 pieces. Find the rate per piece.
Ex7: Ali works for a Factory. He earned BD578 in 4 weeks which he produced 680 pieces – Find the rate per piece.

Ex8: Fill in the missing values in the following table:

No	Employee	Number of Items Produced	Rate per piece	Total pay
1	Sami	900	???	405
2	Ahmed	???	0.850	382.5
3	Ziad	600	1.450	???

3- Hours System and Overtime	
Ex9: Ali is an employee at the Alba Co. He earns BD 1.5 per hour, if he worked 10 hours during the week, How much will be his total	
pay?	Ex13: An employee is hired for 52 hours during a week at a basic rate of BD 2.500 per hour up to 40 hours and time and a half for hours in excess – Calculate the gross wage received by the employee?
Ex10: Salman received BD 100 gross pay for	
20 working hours. How much is the hourly rate he is receiving?	
Ex11: An employee is employed for 36 hours per week at a basic rate of BD 3.5 per hour (up to 20 hours) and time and a half for hours in excess of the 20 hours. Calculate the gross wage received during the period of the week?	Ex14: An employee at Alnada Dairy worked this week for 12 hours over time, If his basic rate is BD 4.500 per hour, calculate the over time paid, if you know that he get one and a half time for over time. 4- Commission
	a) Straight CommissionEx15: Ali received 6.5% commission on sales,
Ex12: Fatima is working as an accountant.	how much will be the commission on sales of
She earns BD7.250 per regular working hours	BD 10,000?
and double time for overtime. Last week she	
worked 48 hours regular and 12 hours	

overtime. Find her total pay.

Ex16: Alalawi is a salesman at a medicine	
company, he is paid 6% commission of total	
sales, if in one month he earned BD 432, find	
how much the amount of Alalawi's	
commission and total pay.	
	Ex20: Rashid is an employee paid a basic
	salary of BD400 per month followed by a
	commission of 5½% on the first BD1,000 of
Ex17: An employee is earning a basic wage of	sales and 5% thereafter. How much will be
BD 300 per month plus a commission of 4%	his total pay if his sales is BD5,500?
of his total sales. She makes sales of BD 1,100	
by the end of the month, how much is her	
gross pay for that month?	
- 40 - 11	Ex21: A Marketing Agency pays its sales staff
Ex18: Fatima works as salesperson. She	the following commission on sales:
receives a monthly basic salary of BD350 and	6% on the first BD 6000 of sales
earns 11% commission on her sales. If her	8% on the next BD 4000 of sales
sales were BD4,000 in one month, wow much	10% for any sales over BD 10000
the total income?	How much commission is earn by each
	employee of the following?
	a) Mona (Total Sales = BD 4000)
b) Gradual Commission	
Ex19: Ali is an employee paid a basic salary of	
BD500 per month followed by a commission	
of 10.5% on the first BD1,000 sales and 15%	
thereafter, how much will the total pay if his	
total sales is BD22 500?	

b) Hoda (Total Sales = BD 8900)	
	Ex24: Ali basic salary is BD400; if he is given a
c) Amal (Total Sales = BD 14000)	social allowance of BD50 and deducted 6%
	for the pension, calculate his net salary?
5- Allowances and Deductions	Ex25: Ali works as an engineer. He receives
Ex22: Fatima is a teacher at the Ministry of	BD1,000 basic salary – How much his net
Education; her basic monthly salary is BD520	monthly salary if 7% is deducted for social
plus BD32 for social allowance, BD20	insurance and BD100 for installment of
transportation allowance and BD10 academic	Housing Bank?
allowance. Find her net monthly salary if 6%	G
deducted for pension?	
deducted for pension:	
Ex23: Hani earns BD500 as a basic monthly	
salary. If he receives BD50 social allowance	
and transportation allowance of BD 20. Find	
his total pay for that month?	

Final Exams Questions:
1) Question #5-A First Semester 2002/03
Fatima received BD228.900 gross pay for 42 Hours worked. How much the hourly basic rate she received?

2) Question #5-B First Semester 2002/03

Rashid an employee is paid a basic salary of BD200 per month, Followed by a commission of 2½% on the first BD 1,000 of sales and 5% thereafter. What will he earn month when sales total BD 5,500?

3) Question #1-D Second Semester 2002/03

Yousif Ali works as a Clark earning BD560 on a Monthly draw basis and the following deduction are made:

- 1-5% as asocial insurance.
- 2- BD 13.900 as a zakah.

4) Question #5-A Second Semester 2002/03

Fatima is working as accountant .She earns BD7.250 per regular hour worked, and double time for overtime. Last week she worked 48 hours regular and 12 hours overtime. Find her total pay.

_	10	···ostion	#F D	Cocond	Comostor	2002	/02
<u> </u>	u	uestion	# <i></i> 3-D	<u>Secona</u>	Semester	<u> 2002</u>	<u>/ U3</u>

Alalawi, a sales man at a medical company, he is paid 6% commission for total sales, if in one month he earned BD432, find how much the amount of his sales was in that month?

6) Question #4-B First Semester 2003/04

An employer is work for 48hours during a week at a Basic rate of BD2.500 per hour up to 40 hours, and time and a half for over time. If the company deduction 6% for social insurance. Calculate his weekly wages.

7) Question #5-A First Semester 2002/03	income?
Hamad works as a commission agent. He takes 1.5% of the first BD25000 of sales arranged, and 1%thereafter. If he sales altogether BD31200 worth of goods in total. What is his total commission?	
	10) Question #1-B First Semester 2004/05
	An employee at Al Nada Dairy, this week he work 12 hours over time, If he basic rate BD4.500 per hour, Calculate the over time pay, if you Knew that he get one and a half time for over time?
8) Question #4-A Second Semester 2003/04	
An employee works 48hours pet week at a	
basic rate of BD4.500 per hour (up to	
40hours), and time and half for over time. If	
the employee have bonus of BD 25 -	
Calculate the gross wage that he received	
during the period of on week.	
	11) Question #2-A First Semester 2004/05
	Fatima is a teacher at the Ministry of Education her basic monthly salary is BD520 plus BD 32 for social allowance, BD 20transport allowance and BD10 academic allowance, Find her net monthly salary if 6% deducted for pension.
0) Question #1-R Second Semester 2002/01	
9) Question #4-B Second Semester 2003/04	
Fatima works as sales person she receives BD	
250 a month on basic and earns 11%	
commission on her sales. If her sales were BD	
4000 in one month, How much the total	

<u>15) Question #4-B Reset Exam 2004/05</u>				
An employee is paid a basic salary of BD 120 per month, followed by a commission of 2.5 %for the first BD 1000 of sales and 4% a there Whit will he earn in a week when his total sales BD 4500 ?				
16) Question #1-C First Semester 2005/06 Noora earns a basic salary of BD 250 per month. If she receives an annual increase of 10% from this month, calculate her new monthly and annually salary.				
17) Question #3-B First Semester 2005/06 Nasser works for Gulf co. he earned BD 250 in 2 weeks which he produced 500 pieces. Find the rate per piece.				

18) Question #1-A Second Semester 2005/06	
Warda works as an accountant she earns BD4.500 per regular hour last week she worked 48 hours. Calculate the gross salary?	
	21) Question #1 First Semester 2006/07
19) Question #1-B Second Semester 2005/06	1- Rayan has a monthly salary of BD 250. Find the annual salary.
Mariam is a secretary in the ministry of electricity. Her monthly salary is BD 700 and	
she is giving a social allowance BD60. How much money she earned if 6% deducted from her salary for the pension.	2- Yousif works for Gulf Co., he earned BD 350 in two weeks which he produced 100 pieces. Find the rate per piece.
	3- Mona receives 5% commission on sales. Calculate her total sales if she earned BD 100
20) Question #3-A Reset Exam 2005/06	
Which is a better system for Ahmed to work:1) A commission agent with 4% commission for a sale of BD 5000 monthly.	22) Question #5-A First Semester 2006/07 Nasser basic salary is BD 550. If he is giving a
2) Piece rate with production 180 piecesBD 1.2 per each piece monthly.	social allowance BD 60 and deducted 6% for the pension. Calculate his net salary.

23) Question #5-B First Semester 2006/07

an employe	ee is works for 48 hours during last
week, at a k	pasic rate of BD 3.700 per hour up
to 40 hours	, and time and a half for over
time. Find	a) Basic Wage.
	b) Overtime payment.
	s, evertime payment.
	c) Gross wage.

Ex4: If the list price is BD 450 and the trade

CHAPTER FOUR: Foreign Trade

1) Trade Discount:

Ex1: The list price of a window type air conditioner is BD 269 the net price BD 175.200 – What is the trade discount rate?	discount is BD112.5; find the trade discount rate.
Ex2: The list price of a washing machine is BD300 A manufacturer give a 25% discount to all retailers what is the trade discount and net price?	Ex5: A manufactures net price is BD 255 for a sewing machine with the list price of BD300; how much is the discount rate?
	2) Several Trade Discounts:
Ex3: Jawad store offers discount card for card for customers at 15%; if you have one and your purchases last week amount to BD 250; how much is the net price you paid?	Ex6: The list price for a product is BD 200. The seller is offering series of discounts of 10% and 5%. Find the net price for that product.

Ex7: Mona offered a successive discount of	3) Cash Discount
20% and 12%, if she bought last week a	
watch of BD500; find the net price she paid.	Ex10: A video camera sold for BD2000 on
	12/4/2004 with selling terms of
	(5/10n30days). Assume that the buyer paid
	the amount on 20/4/2004, Calculate the
	amount of payment.
Ex8: A manufacturer offers several discounts	
of 30%, 15% and 10% on a computer that list	
for BD650 during the month of December.	
Find the net price.	5 44 0 0 0 1 1 1 2 4 5 th A 1 1 1 1 1 1 1 1 1
	Ex11: On October 15 th Awal Plastic billed
	Hussain for materials that were listed at
	BD3000 less a trade discount of 10%. The bills
	were (4/10n60), what is the amount of his
	payment if he paid on the:
	a. 24 th October
Ex9: Find the single discount rate for a 20%	
discount followed by a 15% discount.	
·	
	b. 27 th October

Ex12: Find the amount paid for the following invoice that received on Oct 4th 2004 and

BD	Files
5500	600
??	??
??	??
480	500
??	??
	5500 ?? ?? 480

Terms: 3/10 n30 R.O.G paid on Oct 13th 2004.

Ex13: Find the amount paid for the following: Date Invoice on April 5th 2003 and bill were paid on 11-4-2003

Subtotal	4,505	300				
Less10%and15%	??	??				
Balance	??	??				
Freight	545	500				
Total BD	??	??				
Date :04-06-2002 Terms : 4/10,n/30,R.O.G.						
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Ex14: Find the amount paid for the following:

Date	7-3-2003		
Terms	3/9,n/30,R.O.G		
Balance	BD900		
Freight	BD50		
Total BD	???		
Date received: 26-2-2003. Date paid: 4-2-2003			

Ex15: Find the amount paid for the following invoice in Bahraini Dinars that received on June8th and bill was paid on June 16th 2002.

Subtotal	4,505	300
Less10%and15%	??	??
Balance	??	??
Freight	545	500
Total BD	??	??

Terms: 4/10,n/30,R.O.G. Date :04-06-2002

Final Exams Questions:

1) Question #4 First Semester 2002/03

Find the amount paid for the following invoice in Bahraini Dinars that received on June 8th and bill was paid on June 16th 2002.

Particulars	Dinars	Files
Subtotal	680	600
Less6%and 12%		
Balance		
Freight	32	400
Total BD		
T : 0/40/0004	-	

Date:2/10/2004

Terms	:	3	/12,	n/3	30	R.	0.	G.
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2) Question #1-C Second Semester 2002/03

Complete the following table showing the steps that you have done:

3) Question #3 Second Semester 2002/03

Find the amount paid for the following:

Date	7-3-2003
Terms	3/9,n/30,R.O.G
Balance	BD900
Freight	BD50
Total BD	???
Date Received: 26-2-2 Date Paid: 4-2-2003	003

4) Question #1-B First Semester 2003/04

The list price of a window type air conditioner is BD 269 the net price BD 175.200 – What is the trade discount rate?

List	Net price	Trade	Discount
price		discount	rate
BD 2500	BD2000	???	???

5) Question #1-D First Semester 2003/04

A wholesaler allows a retailer a 20% trade discount and a 5% cash discount-What is the wholesale price goods for which the retail paid BD 68.400?

6) Question #3 First Semester 2003/04	
Find the amount paid for the following	8) Question #4-A First Semester 2004/05
invoice in Bahraini Dinars the received on	A manufacturer offers successive discount of
May 3 rd 2002 and bill was paid on May 12 th	15%, 8% and 5% during May. Find the net
2002	price of a filling cabinet that lists for

Subtotal	BD 4250.300
Less 15%	
Balance	
Freight	BD 650.500
Total BD	
Date: 09-04-2002	

Terms: 4/10,n/30,R.O.G.

7) Question #4-B Second Semester 2003/04

A car is listed at BD5500 by the manufacturer. A retailer in buying the car is offered a trade discount of 25% together with a cash discount of 3% for settlement within 15 days. If the retailer is entitled to both discounts, how much does he pay the manufacturer?

A manufacturer offers successive discount of 15%, 8% and 5% during May. Find the net
price of a filling cabinet that lists for
BD255.950?

9) Question #4-B First Semester 2004/05

Find the amount paid for the following invoice that received on Oct 4th 2004 and paid on Oct 13th 2004.

Particulars	Dinar	Fils
Subtotal	680	600
Less6% and 12%		
Balance		
Freight	32	400
Total BD		
Date: 2/10/2004		
Torms: 2/12 n/20 D O G		

Terms: 3/12,n/30,R.O.G.

C =		‡1-B Res	set Exam 20	04/05	12) Question #3 Rese	<u>t Exam 2004/05</u>	
comp	olete the	followin	ig table <u>sho</u>	wing the	Find the amount paid	for the following	g
steps				_	invoice that received		_
NO	1:-4	N1 - 4	T J.	Dia	paid on 16 th Sep 2004	1?	
NO	List	Net	Trade	Discount	- · ·		l
1	price 4000	price 3000	Discount ???	Rate ???	Particulars	Dinars	Files
2	61.500	???	4	???	Subtotal	1950	750
	01.500		4		Less 12%		
					Balance	240	F.04
					Freight Total BD	219	500
							l .
1) ()	Ouestion #	#4-B Sec	ond Semes	ter 2004/05	Date: 5/9/2004 Terms: 4/10,n30, R.O	. <i>G</i>	
ind t	the amou	nt paid ceived o	for the follo	=	Date: 5/9/2004	. <i>G</i>	
ind to	the amou ce that re on July 4 ^t	nt paid ceived o	for the follo	owing 2004 and	Date: 5/9/2004	. <i>G</i>	
Find to the second seco	the amou ce that re on July 4 ^{tl} culars	nt paid ceived o	for the follo on Jun 25 th 2 Dinars	owing 2004 and Files	Date: 5/9/2004 Terms: 4/10,n30, R.O		
Find to nvoice of the nvoice o	the amou ce that re on July 4 ^{tl} iculars otal	nt paid ceived o	for the follo	owing 2004 and	Date: 5/9/2004		005/
Find to nvoice partice Subtess	the amou ce that re on July 4 ^t culars otal 9%	nt paid ceived o	for the follo on Jun 25 th 2 Dinars	owing 2004 and Files	Date: 5/9/2004 Terms: 4/10,n30, R.O	cond Semester 2	
Find to nvoice particular Subt Less Balar	the amou ce that re on July 4 ^t iculars otal 9% nce	nt paid ceived o	for the follo on Jun 25 th 2 Dinars 800	owing 2004 and Files 200	Date: 5/9/2004 Terms: 4/10,n30, R.O 13) Question #3-C Second	cond Semester 2	ınd tl
Find to nvoice particular Subton Less Balar Freig	the amou ce that re on July 4 th iculars otal 9% nce	nt paid ceived o	for the follo on Jun 25 th 2 Dinars	owing 2004 and Files	Date: 5/9/2004 Terms: 4/10,n30, R.O 13) Question #3-C Second The list price for a land net price of three land	cond Semester 2 np is BD 50.000 a nps is BD 120.000	ınd tl
Find to nvoice particular Subt Less Balar	the amou ce that re on July 4 th culars otal 9% nce ght I BD	nt paid ceived o	for the follo on Jun 25 th 2 Dinars 800	owing 2004 and Files 200	Date: 5/9/2004 Terms: 4/10,n30, R.O 13) Question #3-C Second	cond Semester 2 np is BD 50.000 a nps is BD 120.000	ınd tl

14)	Question	#4 Second	Semester	2005	/06
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Find the amount paid for invoice received 8th October 2005 and paid on 16th October 2005.

October 2005 and paid	on 16" October 2005
Subtotal	1,975
Less 20 and 10%	
Balance	
Freight	70
Total BD	
Date:4-10-2005	
Terms3/10,n/30,R.O.0	G

15) Question #2 Reset Exam 2005/06

Find the amount paid on 14th May 2006 for the goods sold at 8th May 2006 with 10% trade discount and terms (2/10/E.O.M.) Knowing that the list price was BD 1460 and fright is BD 25?

Tright is	BD 23);			

16) Question #1 First Semester 2006/07

4- Find the single discount rate for a 15% discount followed by a 5% discount.
discount followed by a 5% discount.
5- A manufacture net price is BD 180 for a
vacuum sweeper with a list price of BD200.
What is the discount rate?
What is the discount rate.
8- A retailer offers trade discount of 20% on a
kind of goods, if the net price paid by
customers is BD 200. Find the:
a) Net price rate.
,
b) List price.
of List price.

17) Question #4 First Semester 2006/07

Find the amount paid for invoice received 10^{th} Sep 2006 and paid on 15^{th} Sep 2006:

Balance	1,600
Freight	200
Total BD	1,800
Date: 8-9-2006	
Terms: 3/10,n/30,R.0	D.G

Ex4: Jawad stores imported the following

CHAPTER FOUR: Foreign Trade

A.	Cu	st	0	m	15

A. <u>Customs</u>	(terms last month)
Ex1: Alkohji Furniture imported furniture at	1-Quantity of fresh and Frozen meat & Fish BD3250
cost BD 8000 calculates the customs paid on	2-Electronic items to BD1640.500
the furniture according to the tariff of 5% in	3-Clothes of BD2000
the kingdom of Bahrain.	4-Alcohol amounting to BD5000
5	Calculate how much Jawad stores paid at
	customs for these items.
Ex2: Giant stores imported the following	
items last month:-	
Quantity of Fresh vegetables to BD 450	
Electronic items amounting to BD 2360.5	
Cigarettes and tobacco amounting BD1120.6	
Calculate customs paid for all the items imported.	B. <u>Marine Insurance</u>
P. C. C.	Ex5: Gaint stores imported goods at BD4525
	plus freight at BD352.500 and evaluation
	profits 12% of total cost. Find the insurance
	premium if the rate of insurance is 3% of the
	total cost of the goods.
Ex3: Capital stores imported the following items:	
1) Quantity of fresh fruits amounting to BD2450	
2) T.V. and calculators amounting to BD	
12440.500	·
Calculate how much customs capital stores paid.	

Final Exams Questions: 1) Question #1-C First Semester 2003/04 Capital stores imported the following items: Quantity of fresh vegetable and fruits amounting to BD2450 Electronic items amounting to BD 12440.500 Calculate how much customs capital stores paid?
2) Question #4-A First Semester 2003/04 Giant stores imported goods at BD4525 plus freight at BD352.500 and evaluation profits 12% of total cost. Find the insurance premium if the rate of insurance is 3% of the total cost of the goods?
3) Question #3-B Second Semester 2003/04
Al Jishi Corporation imported goods at BD5200 plus freight at BD352.500 and evaluation profits 10% of total cost. Find the insurance premium if the rate of insurance is 2% of the total cost of the goods?

4) Question #3-A	First Semester	2004/05
•		

BD8500.500 and evaluation profits 10% of

rate of insurance is 3% of the total cost

goods?

total cost. Find the insurance premium if the

Al –Muntazah Co. imported goods at

<u>5) Que:</u>	stion #3-B Second Semester 2004/05
Al Mun	tazah super market imported the
followi	ng items:
Q uantit	y of frozen fish and meat for BD 2890.620
C igarett	tes and tobacco for BD 3529.500
	e items amounting BD 2150
Calcula	te how much customs did Almuntazah
paid?	
	
<u>6) Que:</u>	stion #2-B Reset Exam 2004/05
	stion #2-B Reset Exam 2004/05 tazah furniture imported goods at BD
Al mun	_
Al mun 8500 p	tazah furniture imported goods at BD
Al mun 8500 pl evaluat	tazah furniture imported goods at BD lus freight at BD 650 and the
Al mun 8500 pl evaluat insurar	tazah furniture imported goods at BD lus freight at BD 650 and the tion profit 12% of total cost. Find the
Al mun 8500 pl evaluat insurar	tazah furniture imported goods at BD lus freight at BD 650 and the tion profit 12% of total cost. Find the ace premium if the rate of insurance is
Al mun 8500 pl evaluat insurar	tazah furniture imported goods at BD lus freight at BD 650 and the tion profit 12% of total cost. Find the ace premium if the rate of insurance is
Al mun 8500 pl evaluat insurar	tazah furniture imported goods at BD lus freight at BD 650 and the tion profit 12% of total cost. Find the ace premium if the rate of insurance is

7) Question #4-A Reset Exam 2004/05

Giant Stores imported the following items on Dec 28th 2003:

Quantity of frozen fish and fresh vegetables for BD 5000

Videos and computers amounting to BD 4200 **C**igarettes amounting BD 2500

Calculate how much customs did Giant paid?

8) Question #5 First Semester 2005/06

Alzamil imported goods at BD4800 plus freight at BD200 and estimated profit 10% of total cost. Find the insurance premium if the rate of insurance is 2% of the total cost of the goods.

9) Question #5 Second Semester 2005/06

Almoayyed company imported furniture at cost of 90000 Malaysian Ringgits plus freight of 4000 Malaysian Ringgits. If the evaluation profit is 10% of total cost.

a) Find the total amount of furniture in BD if the exchange rate is as follows:-

RM 1 = BD 0.102000 Transfer Selling Rate RM 1 = BD 0.091500 Transfer Buying Rate

b) Calculate the insurance premium if the	12) Question #1 First Semester 2006/07	
rate of insurance is 2% of total cost.	Capital Stores imported the following items: - Capital of frozen fish & meat BD 3,000 - Clothes and perfume BD 1,670 Find how much customs duty Capital stores paid.	
10) Question #1-B Reset Exam 2005/06	13) Question #6 First Semester 2006/07	
Calculate the customs of the following items imported: - Fresh meat and fish amounting BD 1450 - 100 Televisions for BD 45 each.	Al Hassan Company imported 12 washing machines at cost BD 150 each, and 15 refrigerators at cost of BD 3000. The freight is BD 300 and the expected profit 20% of total cost. Find the insurance premium if the rate of insurance is 2% of the total cost of the goods.	
11) Question #1-C Reset Exam 2005/06		
Find premium if the rate of insurance is 3% and amount of insurance policy is BD 5387?		

<u>Ex4</u>: A retailers cost for a microwave oven is

CHAPTER FOUR: Foreign Trade

1) The Mark Up

Ex1: A retailers Cost for a digital camera was BD 210; the camera was sold for BD 241.5; how much is the mark up and find the mark up rate?	BD 240 and they want a 65% mark up based on the cost, how much is selling price?
Ex2: A retailer pays BD 349.97 for a computer and BD 3.740 for the transportation charge, how much is the retailers cost?	
Ex3: If the selling price is BD240 for a refrigerator and the mark up is 25% based on the cost, Find the cost that retailer pays for the refrigerator?	

Ex4: If you know that, the Profit Margin for a

2) The Profit Margin

Ex1: A retailer sells a television that cost BD 525.75 for BD 679.950; how much is the percentage of mark up based on the selling or profit margin (to the nearest percentage)?	product is BD 20 and its 30% of the selling price, find the selling price and the cost.
Ex2: The percentage of profit margin for a refrigerator is 25% and the selling price is BD 579. How much is the actual profit margin	Ex5: The selling price of a product is BD 220 and the cost is 10% of the selling price, find the profit margin and the cost.
and the cost?	
Ex3: The retailers know that consumer will pay at most BD 21 for a dress and they want a 30% profit margin, find the maximum cost that the retailer should pay for the dress?	

3) The Mark Down

Ex1: A T.V used to be sold for a regular selling price of BD 36.290 is on sale now for BD29.950; find the mark down and mark down rate.	prod sale the s price
	the r
	•••••
	•••••
	•••••
Ex2: A bookstore offer a mark down price of	•••••
20%, if the regular selling price for a finance	•••••
book was BD24.5; find the mark down on the	•••••
book and sale price?	
Ex3: A laptop now is on sale for BD 700 and	
the shop is saying that, the sale is 50% of the	
regular price (based on the regular price).	
Find the regular price and the mark down.	

Ex4: You were in the Sharp Shop before one month and you know that the old price of a product is BD 450, now the shop is offering sale of 70% on all products. When you visit the shop yesterday, you find out that sale price is BD 400, find the real mark down and the regular selling price.

Final Exams Questions:

1) Question #3 First Semester 2002/03

Complete the following table showing the steps that you have done:

Item	Basic Cost for Regular BD	Transpor tation Cost BD	Retailer's Cost BD	Selling Price BD	Mark-up Based On cost
Iron	12.990	??	14.040	20.980	??
T.V	??	1.570	16.800	??	96%

2) Question #4 Second Semester 2002/03

Complete the following table showing the steps that you have done:

ltem	Regular price BD	Sale price BD	Percentage of Mark- down on regular price	Percentage of Mark- down on sales price
Television	260	221	??	3.5
Computer	??	300	25.5%	??

3) Question #5-B First Semester 2003/04

The percentage of margin of a computer set was 35%. If the cost price is BD250 –What was the selling price?					
	_				
4) Question #3-A First Semester 2003/04	_				

5) Question #4-A Second Semester 2003/04

A retailer paid BD1900 for 200 shoes and he wants a 38% margin profit, what is the selling price of each shoe?

6) Question #2-B First Semester 2004/05	
A retailer knows that consumers will pay at most BD 159.200 for TV and he wants a 35% mark up based on cost. What is the cost price that the retailer pays for the TV?	9) Question #4 Reset Exam 2005/06
	<u>-, </u>
	A retailers cost for washing machine is BD120 and he sold it for BD150. Find the following: A) Percentage of Mark –up based on the cost price.
7) Question #5 Second Semester 2004/05	B) New sale price if the retailer advertises the mark –down price 10% less than regular selling price.
Mohammed bought a house for BD 70000	
and sold it to Sameer at a mark up of 10%.	
Sameer sold it to Abdullah at a margin profit of 15%. What did Abdullah pay for it?	
	10) Question #1 First Semester 2006/07
	7- If the selling price is BD 240 for a
	refrigerator and mark-up is 25% based on
	cost. What is the cost that the retailer pays
8) Question #6 First & Second Semester	for the refrigerator?
<u>2005/06</u>	
Complete the following table:-	
Mark	
Basic Transportation Retailers Selling Up Item Retailer Cost Cost Price Based Cost on Cost	

??

17.000

T.V.

??

7.000

on Cost

20%

Vocabularyاني الكلماتEnglishEnglishعربي English

Currency	CASH		DRA	AFT
American USD \$	0.37700000	0.37800000	0.37600000	0.37900000
Australian Dollar AUD	0.29670000	0.29680000	0.29570000	0.29780000
British Pound GBP £	0.74350000	0.74450000	0.74150000	0.74650000
Canadian Dollar CAD	0.32110000	0.32120000	0.31110000	0.33120000
Chinese Yuan CNY	0.04848000	0.04855000	0.04818000	0.04885000
Egyptian Pound EGP	0.06606000	0.06642000	0.06506000	0.06742000
Euro EUR €	0.48720000	0.48730000	0.48620000	0.48830000
Hong Kong Dollars HKD	0.04829000	0.04829000	0.04729000	0.04929000
Indian Rupee INR	0.00853300	0.00854800	0.00843300	0.00864800
Indonesian Rupiah IDR	0.00004147	0.00004194	0.00004047	0.00004294
Iran Rial IRR	0.00004085	0.00004087	0.00003885	0.00004387
Iraqi Dinar IQD	0.00028670	0.00028780	0.00027670	0.00029780
Japanese Yen JPY ¥	0.00310500	0.00310600	0.00300500	0.00320600
Jordanian Dinar JOD	0.53210000	0.53590000	0.53310000	0.53690000
Kuwaiti Dinar KWD	1.30410000	1.31100000	1.30210000	1.31300000
Lebanese Pound LBP	0.00024930	0.00024950	0.00024830	0.00025050
Malaysian Ringgit MYR	0.10770000	0.10790000	0.10670000	0.10890000
Omani Rial OMR	0.97920000	1.02090000	0.97820000	1.02190000
Qatar Rial QAR	0.10360000	0.10370000	0.10060000	0.10670000
Russian Rouble RUB	0.01420000	0.01421000	0.01220000	0.01441000
Saudi Arabian Riyal SAR	0.10050000	0.10450000	0.10000000	0.10100000
Swiss Franc CHF	0.30170000	0.31370000	0.30070000	0.31470000
Taiwan Dollar TWD	0.01149000	0.01195000	0.01049000	0.01295000
UAE Dirham AED	0.10260000	0.10680000	0.10060000	0.10880000

Marks Distribution									
Unit #	Subjects Included	Marks	Marks		urs	Balance	Loses	Max	Remarks
1	Exam Exercise	100% 10 10	30%	100%	30%	30%	30%	30%	
2	Exam	10	3						
3	Exam Exercise	20 10	6						
4	Exam Exercise	10 10	3						
5	Exam	10	3						
6	Exam	10	3						
Total									

Remarks:		