

Bangladesh Open University

BBA Program

Semester: 171 (3rd Level)**Course: Business Law****Due on: March 02, 2018****Instructions**

- Answer the all questions in your own handwriting on A4 size white paper.
- Fill-in the cover page of your assignment with care.
- Enclose the photocopy of your ID Card with the assignment (next to the cover page).
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Questions

1. (a) Define contract. State the essential elements of contract.
(b) "All agreements are not contracts, but all contracts are agreements". Discuss the statement explaining essential elements of a valid contract.
2. (a) A offers to sell B his horse for Tk. 1000 and tell B. 'This offer will remain open one week.' The following day B rejects the offer. Within the week B changes his mind and notifies A that he accepts the offer. Is there a contract?
(b) "An agreement without consideration is void unless it is in writing and registered." Explain.
3. (a) Distinguish between void agreements and voidable contracts.
(b) State whether the following agreement is a valid contract: A promises of pay Tk. 1,000 to B who is intended witness in a suit against A in consideration of B's absconding himself at the trial.

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Questions

1. (a) State the circumstances under which a contract is said to be discharged.
(b) What are the consequences of breach of a contract?
2. (a) What are the different ways an agency can be terminated?
(b) State the duties of the principal to his agent.
3. (a) Enumerate the duties of the seller in respect of the sale of goods?
(b) State the various ways in which a cheque can be crossed?

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BBA Program

Semester: 171 (3rd Level)**Course Title: Macroeconomics****Due on: March 02, 2018****Instructions**

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Questions

1. Describe the importance of the study of macroeconomics.
2. Explain the various methods of measuring national income.
3. What is consumption function? Explain the subjective and objective factors which determine consumption expenditure in the economy.
4. Why is investment demand curve down word slopping? What will happen to the position of the investment demand curve if the following changes are occurred:
 - (a) Increase in the interest rate
 - (b) Increase in the inflation rate.
5. Prove that, $MPC + MPS = 1$.

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Semester: 171 (3rd Level)

Course Title: Macroeconomics

Due on: April 13, 2018

1. Distinguish between voluntary and involuntary unemployment. What type of unemployment may exist in full employment situation of an economy?
2. What are the functions of money? Write down the determinants of the demand for money.
3. Explain the effects of inflation on output and distribution of income.
4. What are the tools of monetary policy? To reduce the price level of the country what policy tool will be more effective? Explain.

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BBA Program

Semester: 171 (3rd Level)

Course: Fundamentals of Statistics

Due on: March 02, 2018

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Questions

1. (a) What are the senses in which the term statistics is generally used?
(b) What is questionnaire? What precautions should be taken in drafting a questionnaire?
2. (a) Distinguish between histogram and bar diagram.
(b) Draw a pie-chart for the following data:
Cost of materials Tk. 40,000; cost of labor Tk. 39,000; Direct expenses of manufacturer Tk. 10,000; Factory overhead expense Tk. 15,000; Misc.- expense Tk. 5,000.
3. (a) Why is arithmetic mean so popular?
(b) The following table show the wage distribution in a certain factory.

Weekly wage (Tk.)	No. of employees	Weekly wage (Tk.)	No. of employees
120 – 140	8	220 – 240	32
140 – 160	12	240 – 260	18
160 – 180	20	260 – 280	7
180 – 200	30	280 – 300	6
200 – 220	40	300 – 320	4

Determine:

- (i) The percentage of the workers who earned between Tk. 175 and Tk. 225.
- (ii) The percentage who earned more than Tk. 250 per week.
- (iii) The percentage who earned less than Tk. 200 per week.

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Questions

1. (a) Differentiate between standard deviation and co-efficient of variation.
- (b) A purchasing agent obtained sample of incandescent lamps from two suppliers. He had the samples tested in his own laboratory for length of life with the following result:

Length of life (in hours)	Sample from	
	Company – A	Company – B
700 – 900	10	3
900 – 1100	16	42
1100 – 1300	26	12
1300 – 1500	8	3

- (i) Which company's lamp do you think, are better in terms of average life?
 - (ii) Which company's lamps are more uniform? If prices of both types are the same, which company's lamps would you buy and why?
2. (a) Distinguish between skewness and kurtosis.
 - (b) The frequency distribution are given below:

Profit (Tk. Lakh)	70- 90	90 -110	110- 130	130 -150	150 -170
No. of Company	8	11	18	9	4

From the above frequency distribution

- (i) Determine 1st four raw moments.
 - (ii) Determine 1st four central moments.
 - (iii) Determine co-efficient of skewness and kurtosis and comments on the nature of the distribution.
3. (a) Show the difference between coefficient of correlation and coefficient of regression.
 - (b) You are given the following data of the heights of 5 fathers and sons:

Height of father (in inches)	58	60	61	65	50
Height of son (in inches)	59	69	62	63	52

Find if there is any significant correlation between the heights of father and son.

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Semester: 171 (3rd Level)

Course Title: Law and Practice of Banking**Due on: March 02, 2018****Instructions**

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Questions

1. (a) What do commercial banks generally do for their customers? Discuss.
(b) Explain with examples how a commercial bank creates credits and deposits.
(c) How do commercial banks basically differ from industrial banks?
2. (a) Differentiate between branch banking and unit banking systems with examples.
(b) Discuss the present banking systems that exist in Bangladesh?
(c) Show the differences between group banking and chain banking.
3. (a) Define negotiable instrument.
(b) Distinguish between a promissory note and a bill of exchange with specimen of each.
(c) "A holder in due course is a holder but a holder is not a holder in due course."
Explain.

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BBA Program
Semester: 171 (3rd Level)

Course Title: Law and Practice of Banking

Due on: April 13, 2018

1. (a) “The relationship between the banker and the customer is primarily that of debtor and creditor.” Explain the statement with reference to current and fixed deposit accounts.
(b) Describe the rights and obligations of a banker.
(c) Differentiate between Bankers’ s right of Lien and right of set-off?
2. (a) Explain with examples the saving deposit and the current deposit.
(b) Is it essential to obtain proper introduction before opening a bank account? Why?
(c) Differentiate a cheque from a bill of exchange.
3. (a) What is central bank? Discuss the general functions of a central bank.
(b) “Central bank is the lender of the last resort.” Explain.
(c) Explain the meaning of credit information.

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BBA Program

Semester: 171 (3rd Level)

Course Title: Fundamentals of Business Finance

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Questions

1. (a) What is finance? Why is it necessary for business students who do not plan to major in finance to understand the basics of finance?
(b) What are some specific activities with which of firm's finance staff is involved? Explain each of the activities.
(c) Identify some factors beyond a firm's control that influence its stock price.
2. (a) What is the price paid to borrow money called?
(b) What four fundamental factors affect the cost of money? Explain.
3. (a) Differentiate between dollar return and rate of return.
(b) Which is the better measure of risk if assets have different expected returns (i) the stand and have different expected returns (ii) the coefficient of variation? Why?
4. Stock A and B have the following historical returns:

YEAR	STOCK A'S RETURN, K_A	STOCK B'S RETURN, K_B
1998	(18.00%)	(14.50%)
1909	33.00	21.80
2000	15.00	30.50
2001	(0.50)	(7.60)
2002	27.00	26.30

- (a) Calculate the average rate of return for each stock during the period 1998 through 2002.
 - (b) Calculate the standard deviation of returns for each stock.
 - (c) Calculate the coefficient of variation for each stock.
 - (d) If you are a risk-averse investor, would you prefer to hold Stock A or Stock B? Why?
5. (a) What is compounding? Explain why earning “interest on interest” is called “compound interest”.
- (b) If you deposit \$10,000 in a bank account that pays 10 percent interest annually, how much money will be in your account after 5 years?
- (c) What is the present value of a security that promises to pay you \$5,000 in 20 years? Assume that you can earn 7 percent if you were to invest in other securities of equal risk.
- (d) Find the future value of ordinary annuities. Assume
- (i) \$400 per year for 10 year at 10 percent
 - (ii) \$200 per year for 5 year at 10 percent
- (e) Find the present value of the following ordinary annuities. Assume that discounting occurs once a year.
- (i) \$400 per year for 10 year at 10 percent
 - (ii) \$200 per year for 5 year at 5 percent

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1. (a) What are the two parts of most stocks' expected total return? How does one calculate the capital gains yield and the dividend yield for a stock?
 (b) Write out and explain the valuation formula for a constant growth stock.
 (c) Explain how the formula for a zero growth stock is related to that for a constant growth stock.
2. (a) Warr Corporation just paid a dividend of \$1.50 a share (i.e., $D_0 = \$1.50$). The dividend is expected to grow 5 percent a year for the next 3 years, and then 10 percent a year thereafter. What is the expected dividend per share for each of the next 5 years?
 (b) Harrison Clothiers' stock currently sells for \$20 a share. The stock just paid dividend of \$1.00 a share (i.e., $D_0 = \$1.00$). The dividend is expected to grow at a constant rate of 10 percent a year. What stock price is expected 1 year from now? What is the required rate of return on the company's stock?
 (c) Fee Founders has preferred stock outstanding that pays a dividend of \$5 at the end of each year. The preferred stock sells for \$60 a share. What is the preferred stock's required rate of return?
3. What is bond? What are the four main types of bonds? Explain.
4. (a) Callaghan Motors' bonds have 10 years remaining to maturity. Interest is paid annually, the bonds have a \$1,000 par value, and the coupon interest rate is 8 percent. The bonds have a yield to maturity of 9 percent. What is the current market price of these bonds?
 (b) A bond that matures in 10 years sells for \$985. The bond has a face value of \$1,000 and a 7 percent annual coupon.
 - (i) What is the bond's current yield?
 - (ii) What is the bond's yield to maturity (YTM)?
 - (iii) Assume that the yield to maturity remains constant for the next 3 years. What will be the price of the bond 3 years from today?
5. (a) Differentiate between net working capital and net operating working capital.
 (b) What is the cash conversion cycle? What are some actions the firm can take to shorten its cash conversion cycle?