

Bangladesh Open University
BBA Program
Semester: 211 (1st Level)

Course Title: Business Law

Date: 5 May 2023

Instructions

- Answer 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) What do you understand by business law? Describe the sources of business law.
(b) “All contracts are agreements but all agreements are not contract” – Justify the statement by describing the elements of contract.
(c) Define acceptance? Discuss the rules regarding acceptance.
(d) When does an offer lapse? Explain.
2. (a) What is consideration in the eyes of law? Describe with example the different types of consideration.
(b) Discuss the exception of the rule – “no consideration, no contract”.
3. (a) Who is a minor? Discuss the law regarding minor's agreement.
(b) What is the effect of agreements entered into by person of unsound mind? Explain.
(c) What is undue influence? State the presumptions of undue influence with example.
4. (a) Discuss the agreements that are opposed to public policy.
(b) Discuss the differences between void and voidable agreement. Explain the agreements that are considered to be void.

Bangladesh Open University
BBA Program
Semester: 211 (1st Level)

Course Title: Business Law

Date: 16 June 2023

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Questions

1. (a) What is performance of contract? Who can perform a contract? Discuss.
(b) State the contracts that need not to be performed.
(c) Discuss the methods of termination of contract.
2. (a) Who is an agent? Discuss the different classes of agents.
(b) How an agency can be created? Discuss with example.
(c) What happens when the agent exceeds his authority? Explain.
3. (a) Discuss the implied conditions that are related to sale of goods.
(b) When a condition can be treated as a warranty.
(c) When does property of goods pass from seller to buyer? Explain with example.

Bangladesh Open University
BBA Program
Semester: 211 (3rd Level)

Course Title: Macroeconomics

Due on: 5 May, 2023

Instructions

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Questions

1. What indicators are used to measure macroeconomic performance of a country? Compare the macroeconomic performance of Bangladesh, India and Sri Lanka in FY2020-2021.
2. What are the alternative methods of measuring GDP? If a national income accountant adds the value of a final good (for example, bread) as well as the value of its intermediate good (Flour), what problem it will create with the national income? How can you avoid the problem?
3. Distinguish between GDP and GNP. Suppose, Macroland is an island detached from rest of the world. If, in Fiscal Year 2019-2020, the citizens of that island produced a number of products that worth \$5 billion in total, what are the GDP and GNP of Macroland?
4. Distinguish between autonomous and induced consumption. Suppose, the consumption function of a society is: $C = 400 + 0.75YD$, where C =Total consumption, YD = Personal disposable income. Identify the following:
 - i) Autonomous consumption, ii) Marginal propensity to consume (MPC), iii) When $YD = 1000$, what will be the induced consumption?, iv) If income is increased to 3000, what will happen to the total consumption? v) What is the autonomous consumption when income is 1000?

Bangladesh Open University

BBA Program

Semester: 211 (3rd Level)

Course Title: Macroeconomics

Due on: 16 June, 2023

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Questions

1. Mention the types of investment. Explain the determinants of inventory investment. Suppose, in FY 2007-08, the total investment in a country was 10 billion dollars and the replacement investment was 15 million dollars, what was the net investment of that country in that fiscal year?
2. What is demand for money? Why people keep cash with them? What are the monetary aggregates? How money supply of an economy can be increased?
3. Define the concept of inflation? What are the measures of inflation? Suppose, the CPI on July 1, 2009 was 113 and that on June 30, 2010 was 117. What was the inflation rate in FY 2009-10?
4. Distinguish between demand-pull and cost-push inflation. Explain how inflation affects living standard, investment and net export in an economy.
5. What is unemployment? Do you think some people can be unemployed even if full employment situation prevails in an economy? What is the name of that kind of unemployment?

Bangladesh Open University

BBA Program

Semester: 211 (3rd Level)

Course Title: Fundamentals of Statistics

Date: 5 May 2023

Instructions

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Questions

1. (a) “Statistics is the mathematical science that deals with the collection, analysis, and presentation of data that can then be used as a basis for inference and induction.” Explain.
- (b) Identify the type of data (qualitative/quantitative) and explain the level of measurement for each of the following data sources:
 - i. Your IQ score
 - ii. The price for one gallon of gasoline
 - iii. The letter grade earned in your statistics course
 - iv. The types of cars driven by students in your class
2. (a) Draw a suitable diagram for the following:

Items	Family A (Income) Tk.10000	Family B (Income) Tk. 12000
Food	Tk.3000	Tk.4000
Clothing	Tk.2500	Tk.2000
Education	Tk.500	Tk.3600
Others	Tk.3800	Tk.3000
Savings or deficit	Tk. + 200	Tk. – 600

- (b) Below is given the frequency distribution of weekly wages of 100 workers in a factory:

Monthly Wages (Tk)	No of Workers	Monthly Wages (Tk)	No of Workers
3000 –3500	3	5500 –6000	10
3500 –4000	5	6000 –6500	8
4000 –4500	12	6500 –7000	5
4500 –5000	23	7000 –7500	3
5000 –5500	31		

Draw the ogive for the distribution and use it to determine the median wages of the workers.

3. (a) What are the uses of geometric mean and harmonic mean?
 (b) You are car shopping and are considering a Toyota, a Nissan and a Mitsubishi. You are basing your decision on the criteria in the following table. You have also ranked each of the criterions based on its importance to you, with a rank of 5 being the most important: price (5), reliability (4), looks (3), gas mileage (3), and resale value (2). You have scored each car for each criterion on a scale of 1-10 (10 = highest), as shown in the following table.

Criteria	Toyota	Nissan	Mitsubishi
Price	7	8	3
Reliability	7	6	9
Looks	5	7	5
Gas mileage	4	6	8
Resale value	7	4	8

Required:

Calculate the average score for each car?

- (c) From the following table showing the wage distributions in a certain factory, determine:
 (a) The mean wage (b) The median wage (c) The modal wage
 (d) The wage limits for the middle 50% of the wage earners
 (e) The percentage of the workers who earned between Tk.1750 and 2250.

Weekly wages (Taka)	No of Employees	Weekly wages (Taka)	No of Employees
1200 — 1400	8	2200 — 2400	32
1400 — 1600	12	2400 — 2600	18
1600 — 1800	20	2600 — 2800	7
1800 — 2000	30	2800 — 3000	6
2000 — 2200	40	3000 — 3200	4

4. (a) Explain different kinds of skewness with the help of diagram.
 (b) Compute the appropriate measure of skewness from the following data:

Salary (Taka) Per day	No of Students
Less than 40	3
40 — 50	7
50 — 60	20
60 — 70	25
70 — 80	35
80 — 90	20
90 — 100	12
More than 100	8

Bangladesh Open University

BBA Program

Semester: 211 (3rd Level)

Course Title: Fundamentals of Statistics

Date: 16 June 2023

Instructions

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Questions

1. (a) What are the uses of coefficient of variation in statistical analysis?
- (b) Calculate the appropriate measure of variation from the following data.

Daily Wages (in Taka)	No. of Wage earners	Daily Wages (in Taka)	No. of Wage earners
Less than 85	14	91 – 93	18
85 – 87	62	Over 93	7
88 – 90	99		

2. (a) What factors are of importance to an analyst when linear regression analysis is used for descriptive purposes and point out its importance in business forecasting.
- (b) The following figures relate to advertisement expenditure and sales:

Advertisement Expenditure (in lakh taka)	60	62	65	70	73	75	71
Sales (in crores of taka)	10	11	13	15	16	19	14

Required:

- (i) Estimate the sales for advertisement expenditure of Taka 80 lakhs.
 - (ii) Estimate the advertisement for a sales target of Taka 25 crores.
3. A psychologist wanted to compare two methods A and B of teaching. He selected a random sample of 22 students. He grouped them into 11 pairs so that the students in a pair have approximately equal scores on an intelligence test. In each pair, one student was taught by method A and the other by method B and examined after the score. The marks obtained by them are tabulated below:

Pair:	1	2	3	4	5	6	7	8	9	10	11
A:	24	29	19	14	30	19	27	30	20	28	11
B:	37	35	16	26	23	27	19	20	16	11	21

Required:

- (i) Find the correlation coefficient between the two sets of scores.
- (ii) Find the rank correlation coefficient.

Bangladesh Open University
BBA Program
Semester: 211 (3rd Level)

Course Title: Law and Practice of Banking

Due on: 5 May 2023

Instructions

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Questions

1. (a) How Covid 19 pandemic situation affects banking sector of Bangladesh? Discuss.
(b) Explain with examples how a commercial bank creates credits and deposits.
(c) What are the different kinds of banks operating in Bangladesh? Describe all.
2. (a) Explain about operational risks in banking under BASEL-III. How to mitigate those risks?
(b) Do you think bank directors are liable for all activities of a bank? Why or why not?
(c) What are the papers/documents required for opening a confirmed irrevocable letter of credit in Bangladesh?
3. (a) What guidelines should management keep in mind when it manages a banks liquidity position? Describe.
(b) What are the principles of sound lending? What are different criteria to assess a borrower's credit worthiness?
(c) What do you mean by a collecting banker? Discuss the statutory protection granted to the collection banker under the negotiate Instrument Act.

Bangladesh Open University
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Semester: 211 (3rd Level)

Course Title: Law and Practice of Banking

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Questions

1. (a) Explain why you agree or disagree with the following statement: “Liquidity and Profitability are two contradictory concepts”.
- (b) Define limitation Act? Discuss the objective and scope of Limitation Act.
- (c) What do you mean by account receivable financing? What precautions you are required to take before financing against receivables?
2. (a) Discuss the relationship liquidity and profitability. Give example.
- (b) Differentiate between anticipated income theory and liability management theory.
- (c) Discuss liquidity management theories for banks.
3. (a) What are the security measures required for branch safety as prescribed by Bangladesh Bank? Discuss.
- (b) What risks are associated with bank lending in Bangladesh? Describe.
- (c) What financial ratios used for credit analysis? Discuss.
- (d) “A holder in due course is a holder but a holder is not a holder in due course.” Explain.

Bangladesh Open University
BBA Program
Semester: 211 (3rd Level)

Course Title: Fundamentals of Business Finance

Due on: 5 May, 2023

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Questions

1. (a) What is finance? Explain how this field affects all of the activities in which businesses engage.
 (b) What is the financial services area of finance? Describe the field of managerial finance.
 (c) What is the goal of the firm and, therefore, of all managers and employees? Discuss how one measures achievement of this goal.

2. (a) What role do financial markets play in our economy? What are primary and secondary markets? What relationship exists between financial institutions and financial markets?
 (b) What is the difference between future value and present value? Which approach is generally preferred by financial managers? Why?
 (c) What is the difference between an ordinary annuity and an annuity due? Which is more valuable? Why?
 (d) You have \$100 to invest. If you can earn 12% interest, about how long does it take for your \$100 investment to grow to \$200? Suppose the interest rate is just half that, at 6%. At half the interest rate, does it take twice as long to double your money? Why or why not? How long does it take?
 (e) Jim Nance has been offered an investment that will pay him \$500 three years from today.
 - (i) If his opportunity cost is 7% compounded annually, what value should he place on this opportunity today?
 - (ii) What is the most he should pay to purchase this payment today?
 - (iii) If Jim can purchase this investment for less than the amount calculated in part what does that imply about the rate of return that he will earn on the investment?

3. (a) Charter Corp. has issued 2,500 debentures with a total principal value of \$2,500,000. The bonds have a coupon interest rate of 7%.
 - (i) What dollar amount of interest per bond can an investor expect to receive each year from Charter?
 - (ii) What is Charter's total interest expense per year associated with this bond issue?
 - (iii) Assuming that Charter is in a 35% corporate tax bracket, what is the company's net after-tax interest cost associated with this bond issue?

- (b) Perry Motors' common stock just paid its annual dividend of \$1.80 per share. The required return on the common stock is 12%. Estimate the value of the common stock under each of the following assumptions about the dividend:
- (i) Dividends are expected to grow at an annual rate of 0% to infinity.
 - (ii) Dividends are expected to grow at a constant annual rate of 5% to infinity.
 - (iii) Dividends are expected to grow at an annual rate of 5% for each of the next 3 years, followed by a constant annual growth rate of 4% in years 4 to infinity

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Questions

1.
 - (a) What is risk in the context of financial decision making?
 - (b) Define return, and describe how to find the rate of return on an investment.
 - (c) What is an efficient portfolio? How can the return and standard deviation of a portfolio be determined?
 - (d) Douglas Keel, a financial analyst for Orange Industries, wishes to estimate the rate of return for two similar-risk investments, X and Y. Douglas's research indicates that the immediate past returns will serve as reasonable estimates of future returns. A year earlier, investment X had a market value of \$20,000; investment Y had a market value of \$55,000. During the year, investment X generated cash flow of \$1,500 and investment Y generated cash flow of \$6,800. The current market values of investments X and Y are \$21,000 and \$55,000, respectively.
 - (i) Calculate the expected rate of return on investments X and Y using the most recent year's data.
 - (ii) b. Assuming that the two investments are equally risky, which one should Douglas recommend? Why?

2.
 - (a) What are the two major sources of spontaneous short-term financing for a firm? How do their balances behave relative to the firm's sales?
 - (b) Data Back-Up Systems has obtained a \$10,000, 90-day bank loan at an annual interest rate of 15%, payable at maturity. (Note: Assume a 365-day year.)
 - (i) How much interest (in dollars) will the firm pay on the 90-day loan?
 - (ii) Find the 90-day rate on the loan.
 - (iii) Annualize your result in part b to find the effective annual rate for this loan, assuming that it is rolled over every 90 days throughout the year under the same terms and circumstances
 - (c) Determine the cost of giving up the cash discount under each of the following terms of sale. (Note: Assume a 365-day year.)
 - (i) 2/10 net 30
 - (ii) 1/10 net 30
 - (iii) 2/10 net 45
 - (iv) 3/10 net 45
 - (v) 1/10 net 60
 - (vi) 3/10 net 30
 - (vii) 4/10 net 180

