

Bangladesh Open University
BBA Program
Semester: 231 (3rd Level)

Course Title: Business Law

Due on May 16, 2025

Instructions

- Answer the all questions in your own handwriting on A4 size white paper.
- Fill-in the cover page of your assignment with care.
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Questions

1. (a) What do you understand by law? How is law different from commercial law?
(b) 'Changes of law depends on the changes of society' – Discuss.
(c) Describe the different sources of law.
(d) 'All are equal in the eyes of law' – Discuss.
2. (a) "All agreements are not contract, but all contracts are agreements". Discuss the statement explaining the essential elements of a valid contract.
(b) Define offer. Explain the rules regarding offer. How an offer can be revoked? Discuss.
(c) How an acceptance can be communicated to the offerer? Illustrate.
3. (a) What do you understand by consideration? Describe with example the various types of consideration.
(b) Discuss about the different types of agreements with example of each.
(c) What is undue influence? Describe the presumptions of undue influence.
(d) Distinguish fraud from misrepresentation.

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Questions

1. (a) Describe the agreements that are opposed to public policy.
(b) What is performance of contract? Who is to perform the contract? Explain.
(c) Describe the rules regarding the time and place of performance of contract.
(d) Discuss the methods of termination of contract.
2. (a) Who is an agent? Discuss the different classes of agents.
(b) State the duties of an agent to his principal.
(c) How the agency is terminated? Illustrate.
3. (a) Describe the essential elements of a contract for the sale of goods.
(b) Explain the condition and warranties in a contract of sale with appropriate example. When a condition can be treated as a warranty?
(c) Describe the implied warranties that are available in the sale of goods.

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Questions

1. (a) When ownership of property passes from seller to buyer? Discuss.
(b) “No seller of goods can give the buyer of goods the better title to those goods than he himself has” – Discuss.
(c) Explain the rules regarding the delivery of goods in accordance of the Sale of Goods Act.
2. (a) Define partnership. Describe the different types of partnership business according to the partnership Act.
(b) How partnership firm is registered? State the consequences of non-registration of partnership.
(c) Describe the process of dissolution of partnership business.
3. (a) What do you understand by negotiable instruments? State the characteristics of negotiable instruments.
(b) What is the effect of crossing a cheque with the words – ‘not negotiable’, ‘account payee only’.
(c) What is endorsement? State the rules of endorsement.

Bangladesh Open University
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Semester: 231 (3rd Level)

Course Title: Macroeconomics

Due on May 16, 2025

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Questions

1. Identify and discuss two major macroeconomic issues currently affecting our country.
2. Discuss how different sectors (households, businesses, government) contribute to national income using real-world data or examples.
3. Using the Keynesian consumption function, discuss how income levels affect household consumption in your country.

Bangladesh Open University
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Semester: 231 (3rd Level)

Course Title: Macroeconomics

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Questions

1. Analyze how changes in interest rates and business expectations impact investment in your country. Provide real-world examples or data to support your argument.
2. Define and explain various types of unemployment.
3. Discuss the essential functions of money and why money plays a crucial role in economic stability.

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Questions

1. Define inflation and explain its main causes.
2. Discuss the impact of inflation on different economic agents (households, businesses, and the government).
3. If you were the central bank governor, which policy (monetary or fiscal) would you prioritize to combat inflation in your country? Justify your choice with economic reasoning.

Bangladesh Open University BBA Program Semester: 231 (3rd Level)

Course Title: Fundamentals of Statistics

Due on May 16, 2025

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Questions

1. (a) What is Business Statistics? Why do we need to study Business Statistics?
(b) Discuss briefly the difference between descriptive and inferential statistics.
(c) What is the difference between a frequency distribution and a relative frequency distribution?
(d) Why is a cumulative relative frequency distribution so much more informative than just the relative frequency distribution?
2. (a) Can a single number or a collection of numbers be statistics? Why? Explain.
(b) Draw a histogram from the following table and show the mode in the histogram.

Hourly wages (Tk.)	21-30	31-40	41-50	51-60	61-70	71-80	81-90
Number of workers	8	15	27	48	22	9	5

3. From the following funds in assistance were sanctioned and disbursed during 2015-2016 to 2021-2022 by a leading financial institution:

Year	Amount Sanctioned (Taka Crores)	Amount Sanctioned (Taka Crores)
2015 — 2016	1444.3	1066.1
2016 — 2017	1607.0	1339.5
2017 — 2018	1905.5	1582.4
2018 — 2019	2449.1	1961.5
2019 — 2020	3394.6	2293.4
2020 — 2021	3784.4	2787.0
2021 — 2022	4791.5	3258.0
2022 — 2023	5727.8	4041.6

Required:

Represent the data by a pie diagram.

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Questions

1. (a) Why do we have so many different measures of central tendency? Are all really necessary or do they essentially provide the same information?
- (b) From the following table showing the wage distributions in a certain factory, determine:
 - (i) The mean wage (ii) The median wage (iii) The modal wage
 - (iv) The wage limits for the middle 50% of the wage earners
 - (v) 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

- (c) In a certain office a letter is composed by A in 4 minutes. The same letter is composed by B, C and D in 5,6,10 minutes respectively. What is the average time taken in composing one letter? How many letters do you expect to be composed in one day comprising 9 working hours?
2. (a) Based on the frequency distribution given below, compute the following statistical measures to characterize the distribution.
 - (a) Interquartile range and (b) Modal Value

Annual Tax paid (Taka thousand)	No of Managers	Annual Tax paid (Taka thousand)	No of Managers
5 — 10	18	25 — 30	20
10 — 15	30	30 — 35	12
15 — 20	46	35 — 40	6
20 — 25	28		

- (b) The annual rate of growth of output of a factory in 5 years are 5.0; 7.5; 2.5; 5.0 and 10.0 respectively. What is the compound rate of growth of output per annum for the period?
3. (a) What do you understand by “coefficient of variation”? Discuss its importance in business problems.
- (b) Suppose that samples of polythene bags from two manufacturer A and B are tested by a prospective buyer for bursting pressure , with the following results:

Bursting pressure (ibs)	Number of Bags	
	A	B
5.0 – 9.9	2	9
10.0 — 14.9	9	11
15.0 — 19.9	29	18
20.0 — 24.9	54	32
25.0 — 29.9	11	27
30.0 — 34.9	5	13

Which set of bags has the highest average bursting pressure? Which has more uniform pressure? If prices are the same, which manufacturer’s bag would be preferred by the buyer? Why?

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Questions

1. (a) Describe how moments are used to measure skewness and kurtosis.
- (b) From the Following data of age of employees , calculate coefficient of skewness and comment on the result:

Age below (years)	25	30	35	40	45	50	55
No of Employees	8	20	40	65	80	92	100

2. 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.
3. (a) Explain the concept of regression and point out its importance in business forecasting.
 - (b) The Following Table shows the ages(X) and blood pressure (Y) of 8 persons:

X	52	63	45	36	72	65	47	25
Y	62	53	51	25	79	43	60	33

Obtain the regression equation of Y on X and find out the expected blood pressure of a person Who is 49 years old.

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Course Title: Law and Practice of Banking

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Questions

1. (a) What do you mean by commercial bank? Explain the types of commercial bank.
(b) Describe in brief the major functions of a commercial bank.
(c) What do you mean by Clearing House? Explain with uses of it.
2. (a) Differentiate between branch banking and specialized banking.
(b) Explain the advantages and disadvantages of branch banking system.
(c) Distinguish between chain banking and group banking system.
3. (a) Define negotiable instruments. Explain the essential characteristics of negotiable instruments.
(b) What is bill of exchange? Explain the the types of bill of exchange with examples.

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Questions

1. (a) Do you promissory note? Explain the main features of promissory note.
(b) Distinguish between promissory note and bill of exchange.
2. (a) Describe the liabilities of drawer, acceptor, drawee and an endorser of negotiable instruments.
(b) Explain to what extent a minor can be a party to a negotiable instrument.
3. (a) What is cheque? What are the difference between general cheque and MICR cheque?
(b) What is crossing of cheque? Explain the main features of crossing cheques.
(c) Distinguish between general crossing and special crossing of cheques.

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Questions

1. (a) Explain the traditional services of bank.
(b) Describe the general relationship between banker and customer.
2. (a) Explain the rules regarding grant of advances against fixed deposit receipts.
(b) Discuss the formalities that required opening a saving bank account.
(c) The circumstances which will necessitate a banker to close the account of his customer.
3. (a) Describe the major functions of central bank.
(b) Why central bank is called the lender of the last resort.
(c) How bank rate is determined? Explain.

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Course Title: Fundamentals of Business Finance

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Questions

1. (a) Define Business Finance? Why information technology has becoming increasingly important in financial management now-a-days?
 (b) “The objective of a company must be to create value for its shareholders” – Explain the statement logically
 (c) Who are financial executives of an enterprise? Classify them in terms of administrative hierarchy.
2. (a) Discuss the role of top-level financial executives of a large industrial organization.
 (b) Why are efficient capital markets necessary for economic growth?
 (c) Distinguish between money markets and capital markets.
 (d) Discuss why are financial markets essential for a healthy economy and economic growth?
 (e) What are some important differences between mutual funds, exchange traded funds, and hedge funds? How are they similar?
3. (a) Explain the difference between nominal, periodic, and effective interest rates.
 (b) What are the techniques of time value of money? Explain with suitable examples.
 (c) What is compounding? What's the difference between simple interest and compound interest? What would the future value of Tk. 35,100 be after 5 years at 10% compound interest?
 (d) Find the amount to which Taka 1,500 will grow under each of the conditions:
 - (a) 12 percent compounded annually for 7 years;
 - (b) 12 percent compounded semiannually for 7 years;
 - (c) 12 percent compounded quarterly for 7 years;
 - (d) 12 percent compounded monthly for 7 years;
 - (e) 12 percent compounded daily for 7 years;
 - (f) 12 percent compounded continuously for 7 years.

Comment whether the growth will show an increasing or decreasing trend. Why?
- (e) Why does an annuity due always have a higher future value than an ordinary annuity?

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Questions

1. (a) What is a bond? What are the four main issuers of bonds?
 (b) Which is riskier to an investor, other things held constant—a callable bond or a puttable bond?
 (c) A bond that matures in 10 years has a par value of Tk. 1,000 and an annual coupon of 10%; the market interest rate is 8%. What is its price?
 (d) The Desreumaux Company has two bond issues outstanding. Both bonds pay Tk.100 annual interest plus Tk.1000 at maturity. Bond L has a maturity of 15 years and Bond S a maturity of 1 year.
 - a) What will be the value of each of these bonds when the going rate of interest is (i) 5 percent, (ii) 8 percent, and (iii) 12 percent? Assume that there is only one more interest payment to be made on Bond S.
 - b) Why does the longer term (15 years) bond fluctuate more when interest rate change than does the shorter – term (1 year) bond?
2. (a) Differentiate between interest rate risk and reinvestment rate risk.
 (b) Why are bond ratings important to firms and investors? Explain.
 (c) Explain why you agree or disagree with this statement: Most investors are risk-averse.
 (d) An investment has a 50% chance of producing a 20% return, a 25% chance of producing an 8% return, and a 25% chance of producing a -12% return. What is its expected return?
 (e) What is meant by perfect positive correlation, perfect negative correlation, and zero correlation?
3. (a) How does the correlation between returns on a project and returns on the firm's other assets affect the project's risk?
 (b) What is the preemptive right, and what are the two primary reasons for its existence?

- (c) Harrison Clothiers' stock currently sells for Tk.20.00 a share. It just paid a dividend of Tk. 1.00 a share (that is, $D_0 = \text{Tk. } 1.00$). The dividend is expected to grow at a constant rate of 6% a year. What stock price is expected 1 year from now? What is the required rate of return?

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Questions

1. (a) Define working capital and working capital management. Differentiate between permanent current assets and temporary current assets.
 - (b) Define the following terms: inventory conversion period, average collection period, and payables deferral period. Explain how these terms are used to form the cash conversion cycle.
 - (c) Peoples Ltd. had projected sales for 2004 Tk. 1,650 million. The projected cost of goods sold was 1,353 million. Assume all sales and purchases are made on credit :
 - a) Calculate inventory conversion period as of September 30 and December 31, 2004.
 - b) Calculate receivables collection period as on those dates.
 - c) Calculate the payables deferral period as on those days.
 - d) Calculate cash conversion cycle as on those days.
2. (a) Janata Firm has an investment of Tk. 500 million in total assets of which 60% I fixed assets and 40% in current assets. It is expected that the investment will earn a return of 18% before interest and taxes. Tax rate is 35%. The firm maintains a debt ratio of 60%. The firm has to decide whether it should use a 12% short-term debt or a 14% long-term debt to finance its current assets. The financing plans would affect the return on equity fund. Calculate return on equity under different financing plans.
 - (b) How would you assess the need for working capital of a corporate firm? “Length of operating cycle is the main determinant of working capital needs of a firm”. Explain.
 - (c) Examine the significance of cash management. What are the factors that influence cash requirements of a firm? Explain.

3. (a) What is an optimum level of inventory? Discuss the benefits of holding optimum level of inventory.
- (b) Two components, A and B are, used as follows :

Normal usage	:	50 units each per week
Minimum usage	:	25 units each per week
Maximum usage	:	75 units each per week
Re-order quantity	:	A : 300 units; B : 500 units
Re-order period	:	A : 4 to 6 weeks; B : 2 to 4 weeks

Calculate for each component :

- (a) Reorder level
- (b) Minimum level
- (c) Maximum level
- (d) Average stock level