

Bangladesh Open University

BBA Program

Semester: 241 (5th Level)

Course Title: Industrial and Company Law

Due on: March 13, 2026

Instructions

- Answer all the 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. XYZ Ltd. was incorporated as a company limited by shares. Its memorandum of association stated that the company's main business is to manufacture electronic gadgets. Over time, the company wanted to expand into software services, which was not mentioned in the memorandum. The directors decided to alter the memorandum to include software services and passed a special resolution in the general meeting. ABC, a shareholder, challenged the alteration, claiming that the company cannot expand its business beyond the original object in the memorandum. Meanwhile, the company also decided to convert some of its shares into stock and issue new share certificates. Another shareholder, DEF, argued that the conversion of shares into stock affects his rights, including transfer procedures. Additionally, the company attempted to alter the articles of association to restrict certain transfer of shares, which some shareholders opposed.

Question:

- (a) Discuss the legal validity of the alteration in the memorandum and articles of association. Explain the effect of converting shares into stock on shareholder rights and share transfer.
 - (b) Advise XYZ Ltd. on the procedures it must follow to ensure proper registration of the altered memorandum, altered articles, and share certificates.
2. Explain the appointment of directors.

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Semester: 241 (5th Level)**Course Title: Industrial and Company Law****Due on: April 17, 2026****Questions**

1. LMN Ltd., a newly formed company, decided to raise capital from the public by issuing shares. The company prepared a prospectus inviting the public to subscribe to its shares. The prospectus included the following details: The company's objectives and future plans; Financial statements from the previous year (even though the company was newly incorporated); Statements about expected profits and dividends; Reports from the directors and an independent auditor.

The prospectus was dated 15th January 2026 but was actually issued to the public on 20th January 2026. Later, a group of investors claimed that the prospectus was misleading, arguing that some of the statements regarding future profits were exaggerated and not backed by proper evidence. They also questioned whether the prospectus was properly registered with the Registrar of Companies.

Questions:

- (a) Explain the legal definition and purpose of a prospectus. Identify the key matters that must be stated and the reports that must be included in this prospectus under company law.
 - (b) Advise LMN Ltd. on the requirements for registration of a prospectus and the potential liabilities if the prospectus contains misleading information.
2. Explain the circumstances in which company may be wound up by court company when deemed unable to pay its debts.

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Due on: May 15, 2026

Questions

1. Sofia was employed as an administrative assistant at Bright Tech Ltd. She completed 9 months of probation and was confirmed as a permanent employee. During her employment, she became pregnant and informed the HR department. Bright Tech Ltd. informed her that maternity benefit would only be paid after completing 12 months of service, citing company policy.

Sofia argued that she is entitled to maternity benefit under the law as she is now a confirmed employee and has completed sufficient service. The company also requested Sofia to submit various documents and certificates before processing the payment, which delayed the benefit. Additionally, there was confusion about how much she should receive—whether it should be based on her last drawn salary or some reduced calculation.

Questions:

- (a) Discuss Sofia's right to maternity benefit under the relevant labor law.
 - (b) Explain the liability of the employer for payment of maternity benefit, including cases where the employee is still on probation.
 - (c) Describe the procedure that the employer must follow for timely payment of maternity benefit.
2. Explain the negotiation relation to industrial disputes

Bangladesh Open University
BBA Program
 Semester: 241 (5th Level)

Course Title: Financial Management and Policy

Due on: March 13, 2026

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Questions

1. Describe the role of corporate ethics policies and guidelines, and discuss the relationship that is believed to exist between ethics and share price.
2. Financial ratio analysis is often divided into five areas: liquidity, activity, debt, profitability, and market ratios. Differentiate each of these areas of analysis from the others. Which is of the greatest concern to creditors?
3. The new owners of Bluegrass Natural Foods, Inc., have hired you to help them diagnose and cure problems that the company has had in maintaining adequate liquidity. As a first step, you perform a liquidity analysis. You then do an analysis of the company's short-term activity ratios. Your calculations and appropriate industry norms are listed.

Ratio	Bluegrass	Industry norm
Current ratio	4.5	4.0
Quick ratio	2.0	3.1
Inventory turnover	6.0	10.4
Average collection period	73 days	52 days
Average payment period	31 days	40 days

- i. What recommendations relative to the amount and the handling of inventory could you make to the new owners?
 - ii. What recommendations relative to the amount and the handling of accounts receivable could you make to the new owners?
 - iii. What recommendations relative to the amount and the handling of accounts payable could you make to the new owners?
 - iv. What results, overall, would you hope your recommendations would achieve? Why might your recommendations not be effective?
4. Why is it important to evaluate capital budgeting projects on the basis of incremental cash flows?

Bangladesh Open University
BBA Program
Semester: 241 (5th Level)

Course Title: Financial Management and Policy

Due on: April 17, 2026

Questions

1. A firm is considering renewing its equipment to meet increased demand for its product. The cost of equipment modifications is \$1.9 million plus \$100,000 in installation costs. The firm will depreciate the equipment modifications under MACRS, using a 5-year recovery period. (See Table 4.2 on page 117 for the applicable depreciation percentages.) Additional sales revenue from the renewal should amount to \$1.2 million per year, and additional operating expenses and other costs (excluding depreciation and interest) will amount to 40% of the additional sales revenue. The firm is subject to a tax rate of 40%. (Note: Answer the following questions for each of the next 6 years.)
 - a. What incremental earnings before depreciation, interest, and taxes will result from the renewal?
 - b. What incremental net operating profits after taxes will result from the renewal?
 - c. What incremental operating cash inflows will result from the renewal?
2. How is a net present value profile used to compare projects? What causes conflicts in the ranking of projects via net present value and internal rate of return?
3. Pound Industries is attempting to select the best of three mutually exclusive projects. The initial investment and after-tax cash inflows associated with these projects are shown in the following table.

Cash flows	Project A	Project B	Project C
Initial investment (CF_0)	\$60,000	\$100,000	\$110,000
Cash inflows (CF_t), $t = 1$ to 5	\$20,000	\$ 31,500	\$ 32,500

- a. Calculate the payback period for each project.
 - b. Calculate the net present value (NPV) of each project, assuming that the firm has a cost of capital equal to 13%.
 - c. Calculate the internal rate of return (IRR) for each project.
 - d. Draw the net present value profiles for both projects on the same set of axes, and discuss any conflict in ranking that may exist between NPV and IRR.
 - e. Summarize the preferences dictated by each measure, and indicate which project you would recommend. Explain why.
4. What is meant by the term leverage? How are operating leverage, financial leverage, and total leverage related to the income statement?
 5. Carolina Fastener, Inc., makes a patented marine bulkhead latch that wholesales for \$6.00. Each latch has variable operating costs of \$3.50. Fixed operating costs are \$50,000 per year. The firm pays \$13,000 interest and preferred dividends of \$7,000 per year. At this point, the firm is selling 30,000 latches per year and is taxed at a rate of 40%.
 - a. Calculate Carolina Fastener's operating breakeven point.
 - b. On the basis of the firm's current sales of 30,000 units per year and its interest and preferred dividend costs, calculate its EBIT and earnings available for common.
 - c. Calculate the firm's degree of operating leverage (DOL).
 - d. Calculate the firm's degree of financial leverage (DFL).
 - e. Calculate the firm's degree of total leverage (DTL).
 - f. Carolina Fastener has entered into a contract to produce and sell an additional 15,000 latches in the coming year. Use the DOL, DFL, and DTL to predict and calculate the changes in EBIT and earnings available for common. Check your work by a simple calculation of Carolina Fastener's EBIT and earnings available for common, using the basic information given.

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Due on: May 15, 2026

Questions

1. Explain the EBIT–EPS approach to capital structure. Include in your explanation a graph indicating the financial breakeven point; label the axes. Is this approach consistent with the maximization of the owners' wealth?
2. Medallion Cooling Systems, Inc., has total assets of \$10,000,000, EBIT of \$2,000,000, and preferred dividends of \$200,000 and is taxed at a rate of 40%. In an effort to determine the optimal capital structure, the firm has assembled data on the cost of debt, the number of shares of common stock for various levels of indebtedness, and the overall required return on investment:

Capital structure debt ratio	Cost of debt, r_d	Number of common stock shares	Required return, r_s
0%	0%	200,000	12%
15	8	170,000	13
30	9	140,000	14
45	12	100,000	16
60	15	80,000	20

- a. Calculate *earnings per share* for each level of indebtedness.
 - b. Use Equation $P^0 = \frac{EPS}{r_s}$ and the earnings per share calculated in part a to calculate a *price per share* for each level of indebtedness.
 - c. Choose the optimal capital structure. Justify your choice.
3. What role does the cost of capital play in the firm's long-term investment decisions? How does it relate to the firm's ability to maximize shareholder wealth?
 4. Dillon Labs has asked its financial manager to measure the cost of each specific type of capital as well as the weighted average cost of capital. The weighted average cost is to be measured by using the following weights: 40% long-term debt, 10% preferred stock, and 50% common stock equity (retained earnings, new common stock, or both). The firm's tax rate is 40%.

Debt: The firm can sell for \$980 a 10-year, \$1,000-par-value bond paying *annual interest* at a 10% coupon rate. A flotation cost of 3% of the par value is required in addition to the discount of \$20 per bond.

Preferred stock: Eight percent (annual dividend) preferred stock having a par value of \$100 can be sold for \$65. An additional fee of \$2 per share must be paid to the underwriters.

Common stock: The firm's common stock is currently selling for \$50 per share. The dividend expected to be paid at the end of the coming year (2013) is \$4. Its dividend payments, which have been approximately 60% of earnings per share in each of the past 5 years, are shown in the following table.

Year	2012	2011	2010	2009	2008
Dividend	\$3.75	3.50	3.30	3.15	2.85

It is expected that to attract buyers, new common stock must be underpriced by \$5 per share, and the firm must also pay \$3 per share in flotation costs. Dividend payments are expected to continue at 60% of earnings. (Assume that $r_F = r_s$.)

- i. Calculate the after-tax cost of debt.
- ii. Calculate the cost of preferred stock.
- iii. Calculate the cost of common stock.
- iv. Calculate the WACC for Dillon Labs.

Bangladesh Open University
BBA Program
Semester: 241 (5th Level)

Course Title: Entrepreneurship Development and Small Business Management **Due on: March 13, 2026**

Instructions

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Questions

1. a) What is meant by entrepreneur? State the types of entrepreneurship.
b) How does an entrepreneur differ from a manager?

c) Discuss the qualities of a good entrepreneur.

d) Explain how do economical factors help in developing entrepreneurship?
2. a) What do you mean by theories of entrepreneurship? Explain the importance entrepreneurship theories.

b) Discuss the various theories entrepreneurship with its applications to development of the entrepreneurship growth in Bangladesh.
3. a) Define the women entrepreneurship and Discuss the characteristics of women entrepreneurs.

b) Identify the problems of developing the women entrepreneurs in Bangladesh and draw some suggestions to developing women entrepreneurs.

Bangladesh Open University
BBA Program
Semester: 241 (5th Level)

Course Title: Entrepreneurship Development and Small Business Management

Due on: April 17, 2026

Questions

1. a) What do you mean by small business? Discuss the types of small business.
b) What are characteristics of small business? Explain.
c) Describe the main problems faced by small-scale industry in Bangladesh.
d) What is a good business to start? Discuss the ways to start your own business.
2. a) What is startup strategy? Explain the features of startup strategy.
b) Elaborate the advantages and disadvantages of startup strategy.
c) Discuss the various steps in starting a new business.
3. a) Define the buyout/acquisition of a business and explain the advantages and disadvantages of buyout a business.
b) Identify the reasons of buyout existing business.
c) How to evaluate a business plan for buying an existing business? Explain.
b) Elaborate the advantages and disadvantages of startup strategy.

Bangladesh Open University
BBA Program
Semester: 241 (5th Level)

**Course Title: Entrepreneurship Development and Small
Business Management**

Due on: May 15, 2026

1. (a) What do you mean by small business plan? Why is a business's plan so essential? Explain.
(b) Describe the features and functions of small business plan.
(c) How do you prepare a business plan? Describe it in step by step.
2. (a) What is project? Explain types of a project.
(b) Define project identification and selection and explain the content of a project.
(c) Explain the steps in feasibility analysis of a project.
3. (a) Explain the concept of entrepreneurship Development (EDP).
(b) Explain Stages/ Phases of Entrepreneurial Development Programs (EDPs).
(c) Elaborate the challenges of EDP in Bangladesh.

Bangladesh Open University

BBA Program

Semester: 241 (5th Level)**Course Title: Socio-Economic Profile of Bangladesh****Due on: March 13, 2026****Instructions**

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Questions

1. What is the trend in overall economic growth in Bangladesh in last 10 years?
2. Mention briefly the key drivers to economic growth in Bangladesh.
3. Analyze the social and economic implications of urbanization and rural-urban disparity in Bangladesh.

Bangladesh Open University

BBA Program

Semester: 241 (5th Level)

Course Title: Socio-Economic Profile of Bangladesh

Due on: April 17, 2026

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Questions

1. Discuss population growth trends in Bangladesh and the major causes behind rapid population growth.
2. Explain the prospects and challenges of the Blue Economy in Bangladesh.
3. Discuss the contribution of backward and forward linkages to industrialization in Bangladesh.

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Questions

1. Describe the scope of women's participation in productive activities in Bangladesh.
2. Evaluate the role of NGOs and government policies in enhancing women's participation in development.
3. Discuss the importance of microcredit and agricultural credit in rural development.
4. What do you mean by climate change?
5. What are the possible effects of environment change on the developing countries like Bangladesh? Briefly discuss.

Bangladesh Open University

BBA Program

Semester: 241 (1st Level)**Course Title: Business Statistics for Decision Making****Due on: March 13, 2026****Instructions**

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Questions

1. A box contains 5 red balls, 4 blue balls, and 3 green balls. One ball is drawn at random.
 - a. What is the probability of getting a red ball?
 - b. What is the probability of not getting a green ball?
 - c. What is the probability of getting either a red or a blue ball?

2. In a class of 100 students:

60 students study Accounting (A)

50 students study Finance (F)

30 students study both subjects

- a. Find the probability that a randomly selected student studies Accounting or Finance.
 - b. Verify the addition law of probability using the data.
3. Briefly explain four uses of index numbers in business and economics.
 4. Given the following data:

Commodity	Price in 2022 (Base)	Price in 2025 (Current)
A	10	15
B	20	25
C	30	45

Calculate the Simple Aggregative Price Index.

Bangladesh Open University
BBA Program
Semester: 241 (1st Level)

Course Title: Business Statistics for Decision Making

Due on: April 17, 2026

Questions

1. Define time series. Explain the importance of time series analysis in business decision-making.
2. The annual sales (in thousand units) of a company are:

Year	Sales
2019	50
2020	55
2021	60
2022	65
2023	70

- a. Calculate the 3-year moving average.
 - b. Comment on the trend.
3. Define sampling. Discuss the main purposes of sampling in statistical analysis.
 4. Explain the following sampling methods with suitable examples:
 - a) Simple Random Sampling
 - b) Stratified Sampling
 - c) Systematic Sampling
 - d) Cluster Sampling

Bangladesh Open University

BBA Program

Semester: 241 (1st Level)**Course Title: Business Statistics for Decision Making****Due on: May 15, 2026****Questions**

1. Describe the step-by-step procedure of hypothesis testing.
2. What are the null hypothesis and the alternative hypothesis? Give examples.
3. Define one-tailed and two-tailed tests. Discuss the advantages and limitations of using a one-tailed test.
4. Three different teaching methods are applied to three groups of students. The test scores are:
 - Method A: 70, 75, 80
 - Method B: 65, 68, 72
 - Method C: 78, 82, 85
 - a) Test whether there is a significant difference among the three methods at 5% level of significance.
 - b) Construct the ANOVA table.