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Ans: to the Q. No. 02

* The proposition principal in each istalled

= loan Amount ÷ Year

= 50,00,000 ÷ 5

= 10,00,000

Loan Amortization schedule unde Balloon payment method

Year	Begining loan	Interest 12%	Principle	Installment Repayment	Balance
1	50,00,000	6,00,000	10,00,000	16,00,000	40,000
2	40,00,000	4,80,000	10,00,000	14,80,000	30,00,000
3	30,00,000	3,60,000	10,00,000	13,60,000	20,00,000
4	20,00,000	2,40,000	10,00000	12,40,000	10,00,000
5	10,00,000	1,20,000	1000000	11,20,000	00

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Ans: to the Q. No-06

Owner's Capital

An owner's capital account is the equity accounted listed in the balance sheet of a business. It represents the net ownership interests of investors in a business. This account contains the investment of the owners in the business and the net income earned by it, which is reduced by any draws paid out to the owners.

Retained Earning

Are the amount of profit a company has left over after paying all it's direct costs, indirect costs, income taxes and its dividents of shareholders. This represents

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the portion of the company's equity that can be used, for instance, to invest in new equipment R & D and marketing.

Lease

A lease is a contract outlining the terms under which one party agrees to rent an asset - in the case, property - owned by another party. It guarantees the lessee, also known as the tenant use of the property and guarantees the lessor (the property owner or landlord) regular payments for a specific period in exchange. Both the lessee and the lessor face consequences if they fail to uphold the terms of the contract.

A lease is a form of incorporeal right.

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Leverage Lease

is usually used when an entity does not have the funds to buy the assent outright nor do they necessarily want to keep the asset for long term. A leverage lease allows to lessee to obtain a loan for the leased assets value during the ~~kas~~ lease term and repay the loan over the life of the lease,

Equity shares.

Equity shares are long-term financing sources for any company. These shares are issued to the general public are non-redeemable in nature. Investors in such shares hold the right to vote, share profits and claim assests of a company.

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Ans: to the Q. No-04

Cost of trade Credit

$$\text{Cost of trade Credit} = \left(1+\frac{\%\ \text{discount}}{1-\%\ \text{discount}}\right)^{\frac{365}{\text{days past discount}}} - 1$$

Base

Discounted payment 98%

Base + "interest" $\frac{\%\ \text{discount}}{1-\%\ \text{discount}}$

Full payment 100%

0% interest for first 10 days

x% interest for up to 50 days

Invoice credit terms 2/10 Net60

10 days

Due 60 days

x is minimised when payment is stretched till due date

$$x_{50} = (1+0.02/0.98)^{(365/50)} - 1$$
$$= 15.9\%$$

Trade credit is a spontenous form of credit in which a purchaser of the goods or service is financing it's purchase by delaying in the date on which payment is made. It is often regarded as a form of interest free loan.

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effective annual rate term, the cost of trade credit is even higher.

* The problem is shown with a diagram:

Credit period begins		Credit period end
0 day	today	discount period end
	pay 98 taka ↑	↑ Pay 100 taka
	← credit period →	

$$kt = \frac{\text{Discount Rate}}{100 - \text{Discount Rate}} \times \frac{360}{\text{Credit period} - \text{discount period}}$$

where: Discount Rate = 2

Discount Period = 10

Credit period = 30

kt = Nominal Annual cost of trade credit - 9

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$$Kt = \frac{2}{100-2} \times \frac{360}{30-10}$$

$$= \frac{2}{98} \times \frac{360}{20}$$

$$= 0.0204 \times 18$$

$$= 0.3672$$

$$= 36.72\%$$

Ans.

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Ans: to the Q.No - 05

Short term financing

Short term financing means taking out a loan to make a purchase, usually with a loan term of less than one year. There are many different types of short-term financing, the most common of which are "Buy Now, Pay later," "Unsecured Personal loans," and "payday loans."

OBJects

Short term goals should consist of setting a budget reducing your debt, and starting an emergency fund. There are plenty of free online budgeting tools to help you learn how to budget. Once you figure out a budget, it's important to

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Starting thinking about how you can reduce your debt. A short-term goal is something you want to do in the near future. The near future can mean today, this week this month, or even this year. A short term goal is something you want to accomplish soon. A short term goal is a goal you can achieve in 12 months or less.

Spontaneous finance

In business, "spontenous finance" refers to financing that arises out of regular, day-to-day operations. Unlike with other common sources of financing, such as loans or bonds, obtaining additional spontenous financing doesn't doesn't require any special action by the company, it just

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" happens," hence the name spontenous. The two primary sources of spontenous finance for most business are trade credit and accruals.

Accounts payable (Trade credit from ~~sup~~ suppliers)

Trade liabilities are a form of short term form of short-term financing common to almost all business. In fact they are the collectively the largest source of short term funds for business firms. In an advanced economy. most buyers are not required to pay for the goods upon delivery but are allowed a short determine period before payment is due During this period the seller of goods extent credit to buyer. Because the suppliers are more liberal in the extension of crediting are financial institution, companies - especialy small ones - rely heavily on this trade credit.