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SEAT No. :

P-5018

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[6187]-418

T.E. (Civil) (Insem.)

**ENGINEERING ECONOMICS AND FINANCIAL
MANAGEMENT**

(2019 Pattern) (Semester - I) (301004)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) *Solve Q1 or Q2, Q3 or Q4.*
- 2) *Figures to the right indicate full marks.*

- Q1)** a) Enlist the Ten Principles of the Economics and explain any two briefly.[3]
b) Refer to the data given below and formulate the Balance Sheet for a Software Company as on March 2022 as per schedule III of The Companies Act 2013. [8]

Particulars	Amount (Rs.)
Cash & Equivalents	1,61,248
Property	30,719
Equity Capital	70,000
Accounts Receivable	11,650
Retained Earnings	2,74,373
Accounts Payable	11,016
Cost & Profit in excess of Billings.	1,00,000
Equipment	20,000
Long Term Debt	10,000
Goodwill	10,000
Inventory	29,772

- c) Define terms given below :
- i) Owner's Equity
 - ii) Liabilities
 - iii) Retained Earnings
 - iv) Assets

[4]

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OR

- Q2)** a) Differentiate between Macro-Economics & Micro-Economics. [5]
- b) Write a short note on the Profit & Loss Account and also mention its significance. [4]
- c) From the Income Statement of M/S Bharat Enterprises, the following data is given : [6]
- i) Operating Revenues - Rs. 85,75,843
 - ii) Operating Expenses - Rs. 57,94,238
 - iii) General & Administrative Overhead Cost - Rs.15,25,645
 - iv) Non-Operating Revenues - Rs.4,23,462
 - v) Non-Operating Expenses - Rs. 1,54,622

From the above given data calculate the following

- i) Gross Profit from Operations.
 - ii) Net Profit from Operations.
 - iii) Profit Before Tax
 - iv) Net Profit After Tax
- Q3)** a) Define the term Financial Management and enumerate its various objectives. [3]
- b) State the various Long-Term sources of finance and explain any its any two types. [5]
- c) The various Financial details, of a business are given below, by using them appropriately calculate the various Leverage Ratios for the given business organization. [7]

Particulars	Amount (Rs.)
Share Holder's Equity	23,864
Total Assets	54,648
Total Debt	2,625
Total Capital Employed	34,644
Amount for Installment	285
Interest	30

OR

- Q4) a)** Calculate the EBIT of a business unit by both Direct and In-Direct Method using the data given below : [6]

Particulars	Amount (Rs.)
Cost of Goods Sold	4,50,000
Total Revenue	9,50,000
Operating Expenses	3,00,000
Net Profit	1,00,000
Interest Expenses	75,000
Tax Expenses	25,000

- b) The total income of a company is Rs. 45,00,000 for the financial year 2019-2020. Also the amount distributed by the company in the same financial year as dividends is Rs. 5,50,000. Calculate the Dividend Payout Ratio for the given company. [5]
- c) Write a short note on the following : [4]
- Debentures.
 - Stock markets