

BACHELOR OF ARCHITECTURE EXAMINATION, 2019
5TH YEAR, 1ST SEMESTER EXAMINATION 2019 (OLD)
BUILDING ECONOMICS & PROJECT MANAGEMENT

TIME :- 3 HOURS

FULL MARKS :- 100

Answer any five questions
 All questions carry equal marks

Answer any four

- Q.1.** (a) Define Laws of demand and Laws of Supply. Explain in brief with diagram.
 (b) State meaning of ECONOMIC SYSTEMS and its functions. What are its different types?
 (c) Explain Primary Books of Accounts with example.
 (d) What are the features of Double Entry System of Accounts.
 (e) State various objectives of Cost Accountancy.
 (f) What are the Central Economic Problems? Briefly explain. **4*5=20**
- Q.2.** (a) What are the factors of production? Discuss the returns of factors and compute "Profit" as a return of factor of production.
 (b) Define 'Land' as a prime input in Economics. Explain its main Characteristics. **10+10 = 20**
- Q.3.** (a) Define "Project". What are the basic concepts of "Project Management"?
 (b) Discuss briefly "Project Organization" with the help of flow diagram. **10+10 = 20**
- Q.4.** (a) What are the 'Golden Rules'?
 (b) From the following figures, (i) compute the profit of the Company, (ii) Break-Even-Point (B-E-P), and (iii) Percentage of Margin of Safety on Sales.
 Sales: 1,00,000 Units of Rs 10/- per unit.
 Variable Cost per unit =Rs. 6.00
 Fixed Cost =Rs. 3,00,000.00 per annum (P.A.) **5+15=20**
- Q.5.** (a) What do you mean by cost of production? Define Opportunity Cost.

(b) Fill-up the following "cost" schedule:

SL. NO.	Quantity(Q) (Units)	TFC (Rs.)	TVC (Rs.)	TC (RS)	AFC (Rs.)	AVC (Rs.)	AC (Rs.)	MC (Rs.)
1	0	20	—					
2	1	20	40					
3	2	20	70					
4	3	20	90					
5	4	20	120					
6	5	20	160					
7	6	20	220					

10+10 = 20**Continued....page 2**

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Q.6. From the following transaction pass necessary Journal Entries and Ledger Entries:

1. Mr. 'A' started a business with a calm of Rs. 18,00,000/-
2. Cash paid to Mr. 'B' of Rs. 24,780/-
3. Purchase for Cash Rs. 22,250/-
4. Goods sold for Cash Rs. 7,800/-
5. Salary paid Rs. 8,500/-

10 + 10 = 20

Q.7. (a) Define "Monopoly" Market. What are the necessary and sufficient conditions for profit maximization in an open market economy.

(b) Distinguish between 'Perfect Competition' and 'Imperfect Competition' in the light of General and Land Economics.

10 + 10 = 20

Q.8. From the following data you are require to calculate,

1. Current Ratio; and
2. Debt Service Coverage Ratio(DSCR)

Balance Sheet of XYZ Co. as on 31.03.2018

Liabilities	Rs.(in Lakhs)	Assets	Rs.(in Lakhs)
Share Capital	12.00	Goodwill	6.00
Reserve & surplus	3.50	Fixed Assets	14.60
Profit & Loss A/c	2.50	Investment	1.00
		(Short Term)	
Secured Loan	8.00	Stock	4.10
Creditors	2.50	Debtors	2.40
Bank Over Draft (O.D.)	1.50	Advance	0.50
Provision For Taxation	0.50	Cash In Hand	0.90
		Cash at Bank	1.00
	<u>30.50</u>		<u>30.50</u>

Assume:

1. Depreciation @ 10%
2. Interest on @ 10.50% P.A.
3. Loan repayment in 10 years.

20

Q.9. Write Short Notes (Any Four) :

4 x 5 = 20

- (a) Subject Matter of 'Economics'.
- (b) Nature and Scope of Economics.
- (c) Trade Debtors and Trade Creditors.
- (d) Business Transaction.
- (e) Average cost and Marginal Cost.
- (f) Inventory.
- (g) Law of Diminishing Marginal Returns to land.
- (h) Factor affecting 'VALUE' of land.
