10. The following information has been obtained from the records of ABC Corporation for the period from September 1 to September 30, 2010.

| Particulars | On September 1, 2010 Amount in Rs. | On September 30, 2010 Amount in Rs. |
|---|---|---|
| Cost of raw materials | 60,000.00 | 50,000.00 |
| Cost of work in progress | 12,000.00 | 15,000.00 |
| Cost of stock of finished goods | 90,000.00 | 1,10,000.00 |
| Purchase of raw materials during June, 2010 | | 4,80,000.00 |
| Wages paid | | 2,40,000.00 |
| Factory overheads | | 1,00,000.00 |
| Administration overheads | | 50,000.00 |
| Selling & distribution overheads | | 25,000.00 |
| Sales | | 10,00,000.00 |

Prepare a statement giving the following information :

a) Raw materials consumed

b) Prime cost

c) Cost of production

d) Cost of goods sold, and

e) Net profit. 20

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**BACHELOR OF ARCHITECTURE ENGG. EXAMINATION, 2011**

(5th Year, 1st Semester)

**BUILDING ECONOMICS & PROJECT MANAGEMENT**

Time : Three hours                           Full Marks : 100

Answer any **five** questions.

All questions carry equal marks.

1. a) Define "Economics" and "Economic System".

   b) Define "Land". State various characteristics of "Land" as a factor of production.                    10+10 = 20

2. a) Define 'Market' in terms of Economics. What are the profit Maximising conditions and Equilibrium conditions for : (i) Perfect Competition; and (ii) Monopoly Market.

   b) How Equilibrium price can be determined through free interaction of demand and supply curves?   10+10 = 20

3. a) Define Project. What are the basic concepts of Project Management?

   b) Discuss Briefly 'Project Organization' with the help of flow chart/ tabular format.                    10+10 = 20

4. a) What do you mean by Business organization? What are the main functions of the roles of an Entrepreneur?

[ Turn Over ]

b) Name the different forms or types of business units, with brief discussions. 10+10 = 20

5. a) What are the different types of Primary Books of Accounts?

 b) Write brief notes no 'Journal', 'Ledger' and 'Trading Account'. 10+10 = 20

6. a) What is meant by cost of production in Economics? What are its different elements?

 b) Distinguish between Fixed Cost and Variable Cost. 10+10 = 20

7. a) State and explain briefly Laws of Demand and Supply.

 b) The "Demand" and "Supply" Schedule is as follows : 10+10 = 20

| Sl. No. | Price per unit (P) | Amount of Quantity Demanded (Q$^d$) | Amount of Quantity Supplied (Q$^s$) |
|---|---|---|---|
| (1) | (2) | (3) | (4) |
| 1. | Rs . 25,00 | 20,000.00 unit | 30,000.00 unit |
| 2. | Rs . 24,00 | 22,000.00 unit | 28,000.00 unit |
| 3. | Rs . 23,00 | 25,000.00 unit | 25,000.00 unit |
| 4. | Rs . 22,00 | 28,000.00 unit | 22,000.00 unit |
| 5. | Rs . 21,00 | 30,000.00 unit | 20,000.00 unit |

Plot in Graph Paper the Demand Curve (D) and the Supply Curve (S) and find the Equilibrium Price with brief explanation. 10+10 = 20

8. a) Define Average Cost (A.C.) and Marginal Cost (M.C), showing the shape and nature of Curves.

 b) Fill-up the following "Cost" schedule:

| Sl. No. | Q. | T.F.C. | T.V.C. | T.C. | A.C. | M.C. |
|---|---|---|---|---|---|---|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| 1. | 0 | Rs. 20.00 | 0 | | | |
| 2. | 1 | Rs. 20.00 | Rs. 10.00 | | | |
| 3. | 2 | Rs. 20.00 | Rs. 18.00 | | | |
| 4. | 3 | Rs. 20.00 | Rs. 23.00 | | | |
| 5. | 4 | Rs. 20.00 | Rs. 34.00 | | | |
| 6. | 5 | Rs. 20.00 | Rs. 55.00 | | | |

10+10 = 20

9. a) State and discuss the "Golden Rules" in Accounting System?

 b) Define Cost Accounting. What are the different objectives of Cost Accounting? 10+10 = 20

[ Turn Over ]