CENTRE FOR DISTANCE AND ONLINE EDUCATION

JAMIA MILLIA ISLAMIA, NEW DELHI – 110025

STUDENT'S ASSIGNMENTS

MBA (DISTANCE MODE)

SEMESTER II

(SESSION 2020-21)

INSTRUCTIONS

The students are required to read carefully and follow the instructions given below:

- Submission of one complete Assignment in each course of the programme every year/semester is compulsory.
- Completed Assignments on prescribed Assignment Booklet/A4 size paper are to be submitted by hand/ through post to the Study Centre /uploaded on Google classroom as per dates mentioned in the Academic Calendar 2020-21 (http://jmi.ac.in/bulletinboard/academic-calendar/cdol).
- For Assignments Submitted after dates mentioned in the Academic Calendar, a late fee of **Rs. 100/-** per course assignment will be payable through Demand Draft in favour of Jamia Millia Islamia, Payable at New Delhi.
- Write your name, roll number and other details as required on the cover page of **Assignment Booklet/sheets.**
- **For your record you may keep a photocopy of your Assignment.**
- **Please go through your Programme Guide carefully for further details**.

Course Title: Organization Structure, Dynamics and Change Course Code: DMBA-CP-201
Session 2020-2021   **Maximum Marks: 25**

Note: Attempt any two of the following five questions. All questions carry equal marks.

1. Explain in details various types of departmentalisation in an organization?
2. How is the system theory used in an organization? Discuss.
3. What do you understand by ABC technique? Explain various ABC techniques in detail.
4. What is the impact of technology on the organizational structure? Discuss.
5. Write short notes on any **two** of the following:
   - Corporate Restructuring
   - Organizational Change
   - TQM

Course Title: Management Science   **Course Code: DMBA-CP-202**
Session 2020-2021   **Maximum Marks: 25**

Note: Attempt any two of the following five questions. All questions carry equal marks.

1. Solve the following LPP using Simplex Method:

   Minimize $Z = 20X_1 + 10X_2$
   Subject to,
   $X_1 + 2X_2 \leq 40$
   $3X_1 + X_2 \geq 30$
   $4X_1 + 3X_2 \geq 60$
   $X_1, X_2 \geq 0$

2. Solve the game whose payoff matrix is given by:

   Player B

   Player A

   $$\begin{vmatrix} 1 & 3 & 1 \\ 0 & -4 & -3 \\ 1 & 5 & -1 \end{vmatrix}$$

3. Draw the project network and find the probability that the project is completed in 40 days.

Job	1-2	1-6	2-3	2-4	3-5	4-5	6-7	5-8	7-8
Optimistic	1	2	2	2	7	5	5	3	8
Most Likely	7	5	14	5	10	5	8	3	17
Pessimistic	13	14	26	8	19	17	29	9	32

4. A company has 5 jobs to be done on five machines. Any job can be done on any machine. The cost of doing the jobs in different machines is as follows. Assign the jobs for different machines so as to minimize the total cost.

Jobs	Machines				
	A	B	C	D	E
1	13	8	16	18	19
2	9	15	24	9	12
3	12	9	4	4	4
4	6	12	10	8	13
5	15	17	18	12	20

5. Write short notes on any two:
   - Decision making process
   - Queuing Theory
   - Saddle Point

Course Title: Economic Environment of Business   **Course Code: DMBA CP-203**
Session: 2020-21   **Maximum Marks – 25**

Note: Attempt any two of the following five questions. All questions carry equal marks.

1. Discuss the significance of Business Environment. Also, analyse the inter-relationship between Economic & Non-economic environments.
2. Discuss the concept of national Income. Illustrate graphically the circular flows of income and expenditure in four sector model.
3. Write a detailed note on different techniques used in environmental scanning.
4. Define Corporate Social Responsibility. What are its principles?
5. Write notes on any **two**:
   - Mixed economy
   - Corporate Governance
   - Foreign Direct Investment

Course Title – Financial Management   **Course Code – DMBA CP-204**
Session – 2020-21   **Maximum Marks – 25**

Note: Attempt any two of the following five questions. All questions carry equal marks.

1. Explain financial leverage. Why financial leverage is called as trading on equity?
2. Explain in details discounting techniques of capital budgeting.
3. From the following information, calculate the net present value of the two projects and suggest which of the two projects should be accepted.

	Project X	Project Y
Initial Investment	Rs. 20,000	Rs. 30,000
Estimated Life	5 years	5 years
Scrap Value	Rs. 1,000	Rs. 2,000

The profits before depreciation and after taxation (cash flows) are as follows:

	Year 1	Year 2	Year 3	Year 4	Year 5
Project X	5,000	10,000	10,000	3,000	2,000
Project Y	20,000	10,000	5,000	3,000	2,000

Note : The following are the present value factors @ 10% p.a.

Year	1	2	3	4	5	6
Factor	0.90	0.82	0.751	0.68	0.62	0.56

4. Projects A & B require an initial cash outflow of Rs. 25,000. The cash inflows for 6 years are as given in the table. Calculate the pay-back period based on cumulative cash flows.

Year	Project A Cash inflows	Project B Cash Inflows
1	5000	4000
2	8000	9000
3	10,000	8000
4	12,000	10000
5	7,000	7000
6	3,000	7000

5. Write short notes on any **two** of the following:
   - Capital Asset Pricing Model
   - Net Present Value Approach
   - Economic Order Quantity

Course Title- Methodology of Business Research   **Course Code- DMBA-CP-205**
Session -2020-21   **Maximum Marks-25**

Note: Attempt any two of the following five questions. All questions carry equal marks.

1. Describe in details different steps involved in research process.
2. What is research problem? Define the main issues which should receive the attention of the researcher in formulating the research problem.
3. Describe some of the important research designs used in experimental hypotheses-testing research study.
4. Calculate the Arithmetic Mean, Median and Mode from the following:

Class Interval	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45
Frequency	6	5	15	10	5	4	3	2

5. Write short notes on any **two** of the following:
   - ANOVA
   - Type I and Type II error.
   - Coefficient of Determination
   - Non-parametric tests.

Course Title- Operations Management   **Course Code- DMBA-CP-206**
Session -2020-21   **Maximum Marks-25**

Note: Attempt any two of the following five questions. All questions carry equal marks.

1. Explain the concept of Operation management. What are the objectives of Operation management?
2. What is product design and development? How does a new product add value in business?
3. Discuss in detail the Economic Order Quantity Model of Inventory management.
4. What is Supply Chain Management? What are the approaches to it?
5. Write short notes on any two:
   - Break-Even Analysis
   - Little's Law
   - Quality Control Charts

Course Title: Information Systems for Management   **Course Code: DMBA CP-207**
Session-2020-21   **Maximum Marks: 25**

Note: Attempt any two of the following five questions. All questions carry equal marks.

1. Write down the importance of Management Information System (MIS) for Managers. Discuss its various dimensions.
2. Discuss Herbert Simon model of decision making.
3. Discuss the significance of Executive Support Systems in an organization.
4. What is CRM Software? How is the CRM system beneficial and what does it provide?
5. Write notes on any **two**:
   - Systems Development Life Cycle (SDLC)
   - Data Mining
   - Decision Support System(DSS)

Course Title- Accounting for Managerial Decision Making   **Course Code- DMBA-CP-208**
Session -2020-21   **Maximum Marks-25**

Note: Attempt any two of the following five questions. All question carry equal marks.

1. 'Management accounting is an aid to management', Discuss.
2. What are the important areas of management decisions opened up by the application of managerial costing technique?
3. Explain various types of variances used in standard costing.
4. The following information is available from the annual budget of a company manufacturing only one item. Calculate the break-even point both in terms of the number of units and sales value.

Budget output and sales		5000 units
Budgeted selling price per unit		Rs. 40
Budgeted cost per unit:		
Material	Rs. 15	
Direct Labour	Rs. 5	
Variable overhead	Rs. 10	
Fixed cost per unit	Rs. 5	(Rs. 35)
Budgeted profit per unit		Rs. 5

5. Prepare a cash budget for the first four months from the following estimated revenue and expenses:

Month	Sales (Rs.)	Purchase (Rs)	Labour wages (Rs)	Administrative Overhead (Rs)	Distribution Overhead (Rs)
April	60,000	60,000	12,000	2,000	1,200
May	66,000	42,000	14,000	2,200	1,400
June	72,000	40,000	16,000	2,200	1,400
July	78,000	36,000	18,000	2,400	1,600
August	84,000	34,000	20,000	2,600	1,600

Additional information:

1. Cash balances on 1st Aril was Rs. 35,000
2. 50% of sales are on credit basis which are realised in the subsequent month.
3. Suppliers are paid in the month following the month of supply.
4. Delay in payment of wages and overhead is 30 days.
5. Dividend on investments amounting Rs. 10,000 may be received in April and July.
6. Company plans to purchase a machine for Rs. 60,000 for which it has to pay the consideration in three equal instalments in the month of April, June and July.