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उत्तर प्रदेश राजर्षि टण्डन मुक्त विश्वविद्यालय, इलाहाबाद

अधिन्यास (Assignment)

2014-2015

परास्नातक व्यापार प्रबन्धन कार्यक्रम (एम०बी०ए०)

Master of Business Administration Programme (MBA)

विषय : प्रबन्धन विषय कोड : एम.बी.ए.  
Subject : Management Subject Code : MBA  
कोर्स शीर्षक : कोर्स कोड : एम.बी.ए.-3.31(N)/5.31(O)/  
Course Title : Operations Research पी.जी.डी.पी.एम.-01  
Course Code : MBA-3.31N/5.31(O)/  
PGDPM-01

अधिकतम अंक : 30  
Maximum Marks : 30

**Note :** Long Answer Questions. Answer should be given in 800 to 1000 Words. Answer All questions. All questions are compulsory.

**Section 'A'**

अधिकतम अंक : 18  
Maximum Marks : 18

1. (a) Describe the role of Linear Programming in managerial decision making. Discuss its benefits and shortcomings.
- (b) Solve the following LPP using Simplex method :  
Maximize  $Z = 16X_1 + 17X_2 + 10X_3$   
Subject to :  
 $X_1 + X_2 + 4X_3 \leq 2000$   
 $2X_1 + X_2 + X_3 \leq 3600$   
 $X_1 + 2X_2 + 2X_3 \leq 0$
- 2.(a) State a transportation problem in general terms and explain the problem of degeneracy.

- (b) Solve the following transportation problem :

	D <sub>1</sub>	D <sub>2</sub>	D <sub>3</sub>	D <sub>4</sub>	Supply
S <sub>1</sub>	19	30	50	10	7
S <sub>2</sub>	70	30	40	60	9
S <sub>3</sub>	40	8	70	20	18
Demand	5	8	7	14	34

- 3.(a) Explain in detail what constitute the ordering cost and carrying cost in inventory control.
- (b) A consumable item has a demand of 12000 units per year. The cost of procurement is Rs. 200 and the holding cost is Rs. 4 per unit per year. The replacement is immediate on requirement. Determine the following :
  - (i) Economic Order Quantity (EOQ)
  - (ii) Number of orders per year.

**Section - B**

अधिकतम अंक : 12  
Maximum Marks : 12

- Note :** Short Answer Questions. Answer should be given in 200 to 300 Words. All Questions are compulsory.
4. With the help of sketches, define unbounded region and infeasible region. Why do we consider only first quadrant for the solution of LPP?
  5. State the assumptions of goal programming. Why are all goal programming problems minimization type problems?
  6. What is queuing theory? Give two examples to illustrate the application of queuing theory in business.
  7. Discuss the advantages and limitations of simulation modes.
  8. Explain the concept of dynamic programming with suitable examples.
  9. Write short notes :
    - (a) Saddle point
    - (b) Convex and Concave functions

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Master of Business Administration Programme (M.B.A.)

विषय : प्रबन्धन विषय कोड : एम.बी.ए..  
Subject : Management Subject Code : MBA  
कोर्स शीर्षक : कोर्स कोड : एम.बी.ए.-3.21(N)/PGDPM-02  
Course Title : Project Management Course Code: MBA-3.21(N)/PGDPM-02

अधिकतम अंक : 30  
Maximum Marks : 30

**नोट :** दीर्घ उत्तरीय प्रश्न। प्रश्नों के अपने उत्तर 800 से 1000 शब्दों में लिखें। सभी प्रश्न अनिवार्य हैं।

**Note :** Long Answer Questions. Answer should be given in 800 to 1000 Words. Answer All questions. All questions are compulsory.

**Section 'A'**

अधिकतम अंक : 18  
Maximum Marks : 18

1. Discuss in detail Feasibility and Technical Analysis of the Project Development. 6
2. Explain costing of projects and discuss various sources of projects financing. 6
3. Discuss in detail Project Management Information System and discuss its components. 6

**Section - B**

अधिकतम अंक : 12

Maximum Marks : 12

**नोट :** लघु उत्तरीय प्रश्न। प्रश्नों के उत्तर 200 से 300 शब्दों में लिखें। सभी प्रश्न अनिवार्य हैं।

**Note :** Short Answer Questions. Answer should be given in 200 to 300 Words. All Questions are compulsory.

4. Explain techniques of Demand Forecasting with the help of suitable examples. 2
5. Explain Network Analysis with the help of network flowcharts and diagrams of projects. 2
6. Prepare a layout of a project and discuss its components. 2
7. Discuss Success factors in project management. 2
8. What are the factors affecting control of project cost and explain briefly Approaches to cost control. 2
9. Explain the procedures for project co-ordination. 2

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2014-2015

परास्नातक व्यापार प्रबन्धन कार्यक्रम (एम०बी०ए०)

Master of Business Administration Programme (M.B.A.)

विषय : प्रबन्धन विषय कोड : एम.बी.ए.  
Subject : Management Subject Code : MBA  
कोर्स शीर्षक : कोर्स कोड : एम.बी.ए.-2.4(N)/  
Course Title : Management of पी.जी.डी.पी.एम.-03/  
Machines of Materials एम.बी.ए. 2.4(O)  
Course Code : MBA-2.4(N) /  
PGDPM-03/  
MBA 2.4(O)

अधिकतम अंक : 30  
Maximum Marks : 30

**Note :** Long Answer Questions. Answer should be given in 800 to 1000 Words. Answer All questions. All questions are compulsory.

### Section 'A'

अधिकतम अंक : 18  
Maximum Marks : 18

1. Explain system concept of operation management? Explain objectives of Production Management too. 6
2. What are various kinds of production system? Explain with suitable examples. 6
3. What do you understand by product Design? Explain various product design related concepts with suitable examples. 6

### Section - B

अधिकतम अंक : 12  
Maximum Marks : 12

**Note :** Short Answer Questions. Answer should be given in 200 to 300 Words. All Questions are compulsory.

4. What are in characteristics of project process? Explain. 2
5. How will you go in for selection of process? 2
6. What are the various steps involved in the facility location? 2
7. What are the various types of layout problems? 2
8. Explain computerized layout planning in brief. 2
9. Explain about various materials handling equipment. 2

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2014-2015

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Master of Business Administration Programme (MBA)

विषय : प्रबन्धन विषय कोड : एम.बी.ए.  
 Subject : Management Subject Code : MBA  
 कोर्स शीर्षक : कोर्स कोड : एम.बी.ए.-3.2(N)/  
 Course Title : Management of New पी.जी.डी.पी.एम. -04/  
 and Small Enterprises एम.बी.ए. 4.2(O)  
 Course Code : MBA-3.2 (N)/  
 PGDPM-04/  
 MBA 4.2(O)

अधिकतम अंक : 30  
 Maximum Marks : 30

**नोट :** दीर्घ उत्तरीय प्रश्न। प्रश्नों के अपने उत्तर 800 से 1000 शब्दों में लिखें। सभी प्रश्न अनिवार्य हैं।

**Note :** Long Answer Questions. Answer should be given in 800 to 1000 Words. Answer All questions. All questions are compulsory.

खण्ड - 'अ'  
 Section 'A'

अधिकतम अंक : 18  
 Maximum Marks : 18

- देश के आर्थिक विकास में लघुस्तरीय उपक्रमों की भूमिका एवं प्रासंगिकता का परीक्षण कीजिये। 6  
 Examine the role and relevance of small scale enterprises in the economic development of the country.
- लघुस्तरीय उपक्रमों/स्वरोजगार के अवसरों की पहचान करने के लिए स्वाट विश्लेषण का प्रयोग आप कैसे करेंगे? उदाहरण सहित विवेचना कीजिये। 6

How would you use SWOT analysis to identify opportunities for small scale enterprises/self employment. Discuss with examples.

- एक उत्पाद/सेवा के विचार को अन्तिम उत्पाद/सेवा तक लाने की प्रणाली के मुख्य कदम क्या हैं? 6  
 What are the basic steps in system of bringing a product/service from an idea to a finished product/service?

खण्ड - ब  
 Section - B

अधिकतम अंक : 12  
 Maximum Marks : 12

**नोट :** लघु उत्तरीय प्रश्न। प्रश्नों के उत्तर 200 से 300 शब्दों में लिखें। सभी प्रश्न अनिवार्य हैं।

**Note :** Short Answer Questions. Answer should be given in 200 to 300 Words. All Questions are compulsory.

- लघु स्तरीय उपक्रमों की विशेषताओं की विवेचना कीजिये। 2  
 Discuss the characteristics of small scale enterprises.
- साहसिक योग्यताओं के विकास की प्रक्रिया का संक्षेप में वर्णन कीजिये। 2  
 Describe in brief the process of development of entrepreneurial competencies.
- सिडबी की क्या भूमिका है? 2  
 What is the role of SIDBI?
- अवसर परीक्षण की प्रमुख तकनीकों के कौन-कौन सी हैं? 2  
 What are the main techniques of opportunities scanning?
- बाजार माँग विश्लेषण से आप क्या समझते हैं? 2  
 What do you mean by the market demand analysis?
- एक छोटे व्यवसाय के स्थान की चुनाव करते समय ध्यान में रखे जाने वाले प्रमुख कारक कौन-कौन से हैं? 2  
 What are the main considerations to be kept in mind while selecting the site of a small business?

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Master of Business Administration Programme (MBA)

विषय : प्रबन्धन

विषय कोड : एम.बी.ए.

Subject : Management

Subject Code : MBA

कोर्स शीर्षक :

कोर्स कोड : एम.बी.ए.-3.32N/

Course Title : Production/Operations

5.32(O)

Management

Course Code: MBA-3.32N/5.32(O)/

PGDPM-05

अधिकतम अंक : 30

Maximum Marks : 30

**Note :** Long Answer Questions. Answer should be given in 800 to 1000 Words. Answer All questions. All questions are compulsory.

**Section 'A'**

अधिकतम अंक : 18

Maximum Marks : 18

1. Explain the scope and significance of production and operations management? 6
2. What is TQM? Discuss the International Quality System Standard. 6
3. What are qualitative methods of forecasting? Explain in your own words. 6

**Section - B**

अधिकतम अंक : 12

Maximum Marks : 12

**Note :** Short Answer Questions. Answer should be given in 200 to 300 Words. All Questions are compulsory.

4. Explain various factors of production? 2
5. Discuss the various aspect of capacity planning? 2
6. Write a short note on JIT system? 2
7. Elucidate with examples about the different types of layout in production management? 2
8. Explain the linkage between long term and short term planning? 2
9. How is management information system helps production system? 2