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# Rana Abubakar Khan

If you want to learn computer programming then contact with me

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MTH601 MID TERM PAPER SHARED BY STUDENT

ON DECEMBER 22, 2018 AT 8:35PM

Mth601

2 or 3 mcqs from past and questions are

- 1.write predecessors.2 and 5 marks
- 2.equations to solve karni ten.2 marks
- 3.linear programming ka ta. 5 marks
- 4.write independent float. 3 marks

MTH601 MID TERM PAPER SHARED BY STUDENT

ON DECEMBER 27, 2018 AT 1:43PM

nth601

most of mcq from past papers

1.network dia hua tha EFT find krna tha 2 marks

2.economic order quantity AND  $N^*$  find krna ti manufacturing model without shortage ki 3 mrks

3. $Q^*$  aur  $t^*$  find krna tha with shortage 3 marks



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4.network diagram ka critical path find krna tha r completion time 5 marks

5.ABC analysis find krna tha 5 marks

MTH601 MID TERM PAPER SHARED BY STUDENT

ON JUNE 6, 2017 AT 5:42PM

Assalam o Alaikum!

Mcqs handouts ky 10 lectures masy zeyda aye thy aik 2 sirf linear programming ka aya tha.

Draw network diagramme thi?

kuch diagraph di thi oski activity ka relationship btana tha?

Optimum Manufacturing of no shortage find krna tha?

Time period of purchasing aur No of orders find krna tha?

aur aik sawal linear programming ka tha bs mean and average find krna tha kuch asa he sawal tha?

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MY MTH601 TODAY PAPER 24 DEC, 2016

1- Game of theory problems are converted by which of the following OR technique-----

2- A ----- is a network where every pair of nodes is connected [option Closed network, open network , connected network ]

3- A project is defined as the combination of [interrelated activities ] all of which must be executed in a certine order for its completion

4- EST and EFT of activities are calculated in [forward pass]

5- x

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ON DECEMBER 24, 2016 AT 5:22PM

Subjective

Key issue wit inventory model? 2 marks



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2- EOQ ka question ta 2 marks

3- Activity Diagram sy table bana ta 3 marks

4 Dummy activities ka question ta MCQS ma b ur Subjective ma b 3 marks

Network diagram bana ta table sy 5 marks

REMEMBER ME IN YOUR PRAYERS IF still need help contact me

MTH601 MID TERM PAPER SHARED BY STUDENT

ON JUNE 20, 2015 AT 9:44PM

paper was not so difficult. mcqs were mostly easy and subjctv was

1 application of inventory

2. what happend if we increase the inventorygive reasons

1) shortage cost 2) holdng cost 3) setup cost

3. ek q tha standard form m likhna tha

4. ek q tha LP m krna tha scenior tha

bqi yad ni. no q from abc r big M method mostly from LP thy

MTH601 MID TERM PAPER SHARED BY STUDENT

ON JANUARY 20, 2015 AT 8:32PM

my todays paper

key issues of inventory methods **2marks**

a solution table was given for  $z = x + y$ , we had to tell whether the solution is optimal or not **2 marks**

$2x \leq$  (less than and equal to) 3

convert this inequality into standard form by introducing slack variable **3 marks**

in no shortage model;

$Q^* = 4470$ ;  $D = 1500/\text{unit/month}$ ;  $R = 3000/\text{month}$



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find  $t$ ,  $N$ , and Total time of manufacturing... **3 marks**

find the minimum value of  $z = 5x - 2y$

conditions:  $2x + 3y \geq 1$ ;  $x, y \geq 0$ ; **5marks**

when to use deterministic model and stochastic models.

a graph was given;

1. we had to find size of order in each cycle.

2. rate of replenishment. **5marks**

MTH601 MID TERM PAPER SHARED BY STUDENT

ON MAY 25, 2013 AT 10:26PM

total 26 questions

20 mcqs

2 marks question(2)

3 marks (2)

5marks (2)

majority portion of questions were from 15 to 21 lectures don't miss linear programming i had total 4 questions from this ,5 ,5 ,3,2 marks k.. ALLAH BLESS YOU ALL... PRAY FOR ALL AND KEEP PREPARING..

MCQS were from 1 to 15 lectures estimated time, MAD, etc.



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MTH601 MID TERM PAPER SHARED BY STUDENT

ON MAY 30, 2013 AT 11:09AM

mcqs are mostly from pert cpm concept base n few are shown graphs about critical path n and eoq equations related mcqs s.d, mad ,forumla over all paper was too easy

subjective questions are :

1.  $D = \text{Rs } 70,000/\text{order}$ ,  $c=0.12$ , where  $p$  is unit price,  $s=10$

Order size	Unit price
Less than 100	Rs. 100
100 or more	Rs. 50

find EOQ for Rs. 50..... 2 marks

2. find the corner points of feasible region bounded by following constraints;

$$4x+3y=12$$

$$x,y \geq 0..... 2 \text{ marks}$$

3. if in manufacturing model with no shortages ,  $Q^*=5000$  units,  $D= 1800$  units/month,  $R= 4000$  per month , find

(i). time between orders

(ii). the no of orders per year.

(iii). the time of manufacturing ..... 3 marks

4. a person want to decide the constituents of a diet which will fullfill his daily requirments of protein, fats and carbohyderate at the minimum cost. the choice is to be made from four different type of food . the yield per unit of these foods are given in table .

Food type	Yield per unit			Cost per unit
	Protein	fats	carbohyderates	
1	3	2	6	30



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2	4	2	4	25
3	8	7	7	70
4	6	5	4	50
Minimum requirement	80	20	70	

write the model constraints ? ..... 3 marks

5. the demand rate for a particular item 1000 unit/month. the ordering cost is Rs. 100 per order and holding cost is 0.80 Rs per item/month . if no shortages are allowed and replacement is instantaneous , determine:

(i). the economic order quantity.

(II). the time between orders. .... 5 marks

6. Minimize  $Z=2x+ y$ ..... 5 marks

subject to the constraints;

$$x+y \geq 3$$

$$7x+ 5 y \leq 35$$

$$x,y \geq 0$$