CS502 CURRENT MIDTERM PAPERS 2022

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IMPORTANT:

All Students must prepare this current paper because these questions are most important.

Highly recommended papers and chance to questions again repeated.

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Today my paper CS502

MCQS most from past paper moaaz and waqar file

long is

Given data se no of burgers sold in last 20 weeks uska median find krna tha 5 marks k

Write dynamic algorithm to compute febnocci number

Timing function $T(n)=3n^2+7n-12$ is $O(n^2)$ calculate value of constant C and n^0

Q1

Counting sort batana tha 1 array ka {7 1 2 3 0 7 5 8 9} something like this

Q2

Suggest or describe 1 modification or quick sort algorithm to improve it's performance

Q3

2-d maxima ki detailed example

Cs502

70 percent MCQ's From Moaaz and Waqar file.

01. 4 to 1 Multiplexer Function Table.

02. A+(B+C) and (A+B)+C is ki Circuit Diagram.

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03. AB + BC + AC is expression ka Karnaup Map Bnana tha

04. Boolean Expression Of Comparator Circuit for A>B.

05. AND, OR, NOR , NAND gates ki output given thi output deekh kr judge krna tha kn sh gate ki output ha

Cs502 midterms paper

Mcqs (hand book +past paper)

Q1What algorithms and who can discover this word

Q2:yad nhi kia tha

Q3 dynamic programming k reald table tha value given thi fill karnah tha

Q4 common time recently karnah tha

A.1

B. O(logn)

C. On

D. On(square)

E. On (cube (

Q5. T(n)={ 1/1/n€(n-1)-)n-1)

N=2 put kar y value nikalni thi

Cs502 paper

Q: algorithm scientist name?

Q: quick sort technique? How the limitation improved by radix sort technique?

Q: calculate the worst time case?

Q: calculate the median? Data diya howa tha

Q: why we called 0/1knapsack algorithm?

MCQS Kuch past papers may say baki conceptual

Cs502 paper

12 knap problem ko 0-1 problem q Kahan jata h or ye kis s belong krti

Ak Marge sort array Wala question tha

Ak Fibonacci Wala question

Baki mcqs theory past papers me thy

Cs502

18 mcqs are in handouts

2 short questions of 3 marks

*Knapsack

* Define algorithm and write three properties

* Compare these no a1, a2, a3 by making tree

*Order of growth in an algorithm

Arrange the following that is efficient and so on....

O(n/n), o(n/log n), o(nlog n)

My cs502 paper.

2 questions were of knapsack (aik ques mai table draw krnaa thaa aur 2nd mai table bana hoa thaa uski values likhni thi)

Merge Sorting krni thi..

Aur Mcqs moaaz and waqar wali files sy thay aur baki aik question mai Algorithm given tha uskay baray mai question pochay gay thay.

Today cs 502 paper

mcqs from past papers maximum.

1. Deference between computer program and Algorithm.

2. Worst time running of bucket Algorithm

3. How insertion sort Algo works.

4.two types to solve problems dynamic programming.

cs502

kch mcqs waqar ur moaaz ki file a thy,4,5 bs baki sb conceptual

aur running times wale, short men harmonic series likhni thi, knapsack brute force running for knapsack etc likhna tha, long men heap max tree tha, running times

describe krne thy, dynamic programming men jo table bnta ha us k bare men lkhna tha

CS502

Mcqs (some from past papers)

Subjective

1)Find out Asymptotic growth.

2) One computer program and definition of algorithm.

3) Recurrence relation

4)Algorithm of Knapsack

5) Dynamic programming

Pesido code likha tha..

Asyp. Growth batani thi.

And described 3 asymptotic notation likhni thi

Cs 502

Mcqs mostly past papers

Subject type

5 questions

1) how do we analyze 2-d maxima. Also give example.

2) do you agree with statement "memory efficient code or algorithm are also time vise efficient"

3)the knapsack belongs to which domain. And why it is called 0-1 problem

4) suggest and describe one modification to " quick sort" that will improve its performance.

5) and last question chain matrix wale topic se tha 3 matrix given the calculation kare k table banana tha.

Cs502 ka

Assumption algorithm

Zaror krna

5x^3+9x^2+3

Asa question tha jus ka assumtic krna tha

Long bhi tha short bhi mcqs bhi

paper past se aya hy almost 25 marks ka..

Cs502 mine paper

mcqs moaz ki file sy 7 to 8 tak thy baki handout sy conceptual thy

Subject 2 long question chain matrix sy thy

Aik code tha uska worst case btana tha

Aik mein merg sort ka formula btana tha

Kafi conceptual tha but handout achy sy read krein to easy tha

Today my paper CS502

MCQS most from past paper moaaz

file and long is

Given data se no of burgers sold in last 20 weeks uska median find krna tha 5 marks k

Write dynamic algorithm to compute febnocci number 5 marks

Two criteria and cost of algorithm analysis 5 marks

Write Edit distance application at least three 3 marks