Name : Atul. Nirbhavane Company ~~CCPP ID~~: ABANS Date : _____

Q1.) What do you know about MongoDB

Q2.) What is Object Oriented Programming.

Q3.) Method Overloading, Method Overriding.

Q4.) Managed and Unmanaged code.

Q5.) Diamond Problem

Q6.) Delegates, Events.

Q7.) Multi-threading

Q8.) There is a requirement to store data in memory such that there are numbers from 1 to 10 Lakh and for every number corresponds to an object such as apple, bat etc. So what ~~database~~ data structure will you use such that access can be quick.

Basically go through all of Basic c# concept

Q9.) Collections in c#

ANKITA BISEN

Company Name - Abans group of companies

Technical Round 1 & 2

1. Oops concept. With Example.
2. Interface & Abstract difference.
3. Deligate (.Net)
4. Overloading & Overriding with Example.
5. Pointer
6. Virtual Pointer
7. Semaphor
8. Logical Program
9. Mutex
10. Sorting algorithem
11. Any one sorting program.
12. Binary Search tree
13. AVL tree
14. Diamond Problem
16. Singleton
17. Os basic Question's. working of kernel.
18. HTTP, STP, UDP, TCP.
19. Arraylist
20. Linklist Program
21. Map (Hashmap in collision)
22. Heap Memory, Stack memory
23. Ur [redacted] work in project. (in Detail)
24. Thread (all from starting to end)

1] basic oops concepts (Real life Abans example)
2] project in detail
3] DB – Higest Sal, second Higt sal (using sub query)
4] O.S Threading / deadlock
5] cpp: diamond problem
6] Exception handling.
7] Collection
8] D.S :- Linkedlist, BST, AVL
9] Sorting algorithms
10] cpp:- copy constructor / types of constructor / Destructor
11] virtual keyword
12] Day 1 to Day 8 (Java Nitin Sir)
13] DB :- function / procedure
14] logical questions. (in any ~~tag~~ lang.)

Abans group
Name - shital Padir C#

1. what is class, object, oops concepts
2. Diamand promblem
3. virtual function
4. Method overloading & overriding
5. diff betn const & Readonly
6. static class, constructor
7. diff neew & Base keyword
8. what is javascript & Jquery

DS
stack, linkedlist, doubly linked list,

- Hashtable,
- bubble sort, selection sort,
- page fault
- Kernel level & user level thread
- MVC, Rest Api
- deadlock, race condition
- Semaphore & Mutex
- Multithreading.
- what is TCP, UDP, HTTP
- diff betn get & post

Deep Mehta

Company Name :- Abans Group of Companies

1] OOPS Concepts
2] What is Inheritance
3) Diamond Problem
4) Difference between Abstract Class and Interface
5) What is static keyword.
6) Multithreading
7) What is Deadlock and race condition
8) Data structures
   Array
   Linked List
   Binary Tree
   AVL Tree
9) How to implement TCP in WCF
10) HTTP methods
11) Difference between Get and Post
12) What is Rest
13) Angular commands → Related to Project
14) What is Value Type and Reference Type
15) Function overloading and overriding
16) What is user space and kernel space
17) How they interact with each other, i.e userspace and kernelspac
18) Design Patterns
19) Code for Singleton
20) Access Modifiers
21) Exception handling : try..finally ? will work.
22) What is Hash table.
23) What is Web API
23) Life cykle of ASP.NET
24) Use of lock keyword in multithreading
25) What is difference between Garbage Collector and Destructor

Abans

Swapnil devkar

(1) Oops concepts
- abstraction
- encapsulation
- inheristance
- Polymorphism

(II) why multiple inheristance not allowed in C#.

(III) what is delegate? why we need it

(IV) what is event in C#?

(V) what is mutex, semaphore, monitor in C#.

(VI) what is internal working of garbage collector

(VII) what is TCP, UDP, diff of TCP & UDP

(VIII) what is WCF,

(IX) what is service, can you write any service in C#?

(X) draw the flow of your CDAC Project.

(XI) what is mvc, dependancy injection, IOC container.

(xii) what is primary key, foreign key

(xiii) find the second highest Rank from student

(xiv) ~~void~~ swap two program without using third argument.

(xv) what is trigger, stored Procedure.

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Priyanka Yadav

I Round

1) What is OOPS?
2) Abstraction, encapsulation → Real life example
3) Virtual function - ~~cod~~ with code
4) Diamond problem & solution
5) Garbage collector - Java & C# both
6) Page life cycle - C#
7) Types of Data structures.
8) Collections
9) Working of Hasmap & HashTable.
10) Iterator code.
11) What are the generics? → Explain with code.
12) TCP IP, UDP protocol.
13) JQuery questions (simple ones)
14) Types of joins.
15) What are the indexes in dbms.
16) second Highest salary Query.
17) Most important PROJECT.

II Round

1) OOPS?
2) Inheritance (Type and all)
3) Diamond problem.
4) ~~M~~ Multithreading
6) Race condition
7) DeadLock (in OS)
9) Hashmap, HashTable working
10) List

13) Data structure types

14) You have 1000 records and you want to store it and then want to traverse in minimum time. Then he gave different senirios & then asked which data structure is preferable.

15) Deadlock.

16) Mutex lock.

17) ~~Semaphore~~ Semaphore (prepare code for that)

18) AVL } Working of both
19) BST }

20) What is IOC?

21) What is Spring?

22) DAO?

23) flow of spring MVC?

24) Hibernet

25) ~~Explain~~ Tell me about your project (In project I write the code of controller & how your project flow goes).

Name : Aniket Kesharwani CCPP ID : _____ Date : 4/9/19

Abans Group

1] Technical aptitute → 20 ~~que~~ MCQs on C#.

2] 2 Logical code (Scenario type).

3] First Technical round.

1) Explain your code asked on test.
2) write the linked list code.
3) What is dead lock.
4) Explain Multithreading.
5) What is Operating system.
6) What is Single Processer and Multi Processer
7) What is your favorite language.
(answer your favorite but also say that I am compatible with any language)

4] Second Technical round

1) What is time complexity of all data structure.
2) What is Paging.
3) What is Segmentation
4) What is Internal and external segmentation.
5) What is OSI Model
6) What is LAN, MAN, and WAN
7) Scenario based Questions.
8) Exception handling.