

JobDuniya

Placement Papers: CTS Paper 2007

Doorsteptutor material for CTET/Paper-1 is prepared by world's top subject experts: [get questions, notes, tests, video lectures and more](#)- for all subjects of CTET/Paper-1.

Personal Questions

1. Tell us about yourself, your background.
2. What does your father do currently.
3. Your performance in schooling, B. E.
4. Your points.
5. Aren, t you going for higher studies abroad? Why?
6. What qualities do you have that make you a person suitable for going into the IT industry
7. What do your friends opine about you.
8. When do you think you will complete and be able to join.
9. How can you assure that you will join by that time.
10. Anything you want to know about us.
11. Significant achievements in life (may be paper publications etc.) .

More Sample Questions

- Why paging is used?
- Which is the best page replacement algo and Why?
- What is software life cycle?
- How much time is spent usually in each phases and why?
- What is testing?
- Which are the different types of testing?
- Which are the different phases in Software life cycle (asked again)
- Why is analysis and testing phases very important?
- Why networks are layered? What is the advantage of that?
- How many layers are there in OSI? Why is it called OSI model?
- network topologies?

- Which are the different network topologies?
- an example of bus type network.
- What is the Bandwidth of ethernet?
- Explain the advantage and disadvantage of ethernet?
- Which is the protocol used in ethernet (CSMA/CD) .
- Why is it called so?
- What is the advantage of Ring network?
- Compare it with ethernet.
- What is inheritance, encapsulation etc.
- If there are too many page faults what is the problem?
- To ensure one pgm. Doesn't corrupt other pgm. In a Multi-pgm. Environment
- what you should do?
- Which one you will use to implement critical section? Binary Semaphore
- Which one is not needed for Multi-pgm. Environment?
- options are: Virtual memory, security, time sharing, none of the above:
- Which one is not done by Data link layer? bit stuffing, LRC, CRC, parity check
- Which one is not related to Data link layer?
- Which one is not suitable for client-server application? tcp/ip, message passing, rpc, none of the above:
- Semaphore variable is different from ordinary variable by?
- Where semaphore is used?
- what is Test and set lock?
- what is critical section and methods for mutual exclusion?
- what is internal fragmentation, external fragmentation, compaction?
- what is page fault? How the os finds a page fault has really occurred (protection bits: Valid bit, invalid bit) ?
- producer-consumer problem, reader-writer problem

Linux Questions

If u say your favorite pass-time is chatting then u, ll be asked how a "CHAT" application works.

if u say I “search” a lot in the web using Google u, ll be asked how a search engine works
(need not say in detail just say it briefly)

how internet works for eg; when u type jobduniya.com what actually happens how the Jobduniya page is loaded?

Operator overloading, virtual functions (write programs)

1. like what is data model types of data model
2. what is RDBMS.
3. what is normalization, functional dependency, 1NF, 2NF, 3NF, BCNF.
4. what is oops.
5. what is the difference between c ++ and c
6. properties of oops.
7. inheritance, sequence diagram.
8. XML, ASP
9. what is an operating system.
10. what is multitasking. What is timesharing.
11. what is memory management.
12. what is virtual paging.
13. about your syllabus.
14. what is microprocessor, about 8085 etc.
15. introduce your self.
16. about your hobbies.
17. if not related to computer branch then some very small puzzle and some technical question related with the branch.

Technical Questions

- What is os?
- what is a deadlock?
- what is a semaphore?
- difference between semaphore & monitor?
- what is sdlc (software development life cycle) ?

- what is a linklist, stack, queue?
- write a program to reverse a linklist?
- what is dba?
- difference between primary, foreign, candidate&super key?
- different type of databases?
- what is normalisation? explain them?
- four division in cobol?
- significance of 01, 77,88, 66 level?
- function of compiler?
- difference between object file & exe file?
- difference between c &c ++ ?
- difference between sql&c ++ ?

Developed by: [Mindsprite Solutions](#)