

UNIQUE IAS STUDY CIRCLE

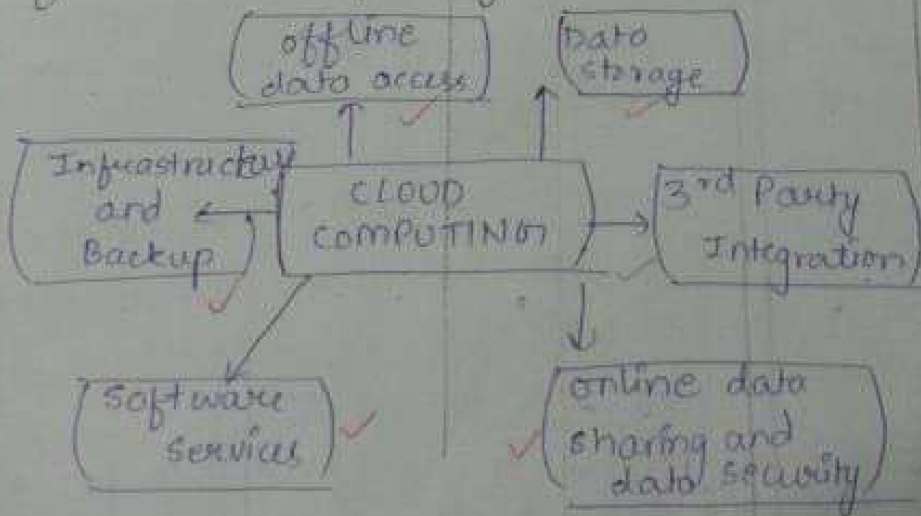
UPSC Q.C.A

What is cloud computing? what are its applications and what are the issues involved in it?

उम्मीदवारों को इस शीट पर नही लिखना यदि CANDIDATE MUST NOT WRITE ON THIS MARK

cloud computing or generally referred to as 'the cloud' is an invention of IT which has proved to be the most needed service of this dynamic, competitive world. It is a platform or a software that provides its users with an 'infinite virtual space' to store and access data. It provides infrastructures and storage facilities to the users worldwide. With cloud computing the dissatisfaction of having expensive infrastructure and internal software issues can be easily avoided.

Coming to the wide-ranging applications of cloud-computing



with its wide range of applications cloud computing has served the need of the hour by providing vast data services to the gigantic business houses; but it has some prominent questions which remain unanswered.

- i) Data security issues - cloud computing can prove to be disastrous for business houses who are faced with Data theft issues.
- ii) Authentication issues - most of the companies or users do not follow the procedures and land up in sharing data to unauthentic sources.
- iii) Design issues - since cloud-computing is just in its beginning stage, there are not much facilities available to the users in designs and software.
- iv) Legal issues - there are questions raised on the reliability of the service-providers and authentication processes.
- v) Infrastructure issues - The business-houses which rely completely on cloud-computing services might face infrastructure related problems on the servers.

Thus, cloud computing has proved to be a boon for this IT driven world.