

## Infrastructure requirements for the conduct of CBT

- The institute should have enough space for candidate check in, biometric registration, security and screening and waiting areas for candidates (wherever feasible). There should be dedicated space for exam server Room. There may be provision for security systems, both physical and digital.
- Minimum computer system in each centre should be 50.
- The building should be equipped with all essential fire-fighting equipment.
- The examination centre should be PWD (Persons With Disabilities) friendly.
- There should be provision for air conditioner and room heaters in areas that face extreme weather conditions.
- The examination hall should be well insulated to minimize external noise.
- The centre should have provision for potable drinking water.
- There should be provision for separate toilets for male, female and physically challenged candidates.
- Provision for cloak Room/Locker facility for the candidates to keep their personal belongings like mobile phone, small bag etc.
- There should be dedicated space for medical emergency to provide First Aid, storage of wheel chair and other lifesaving equipment.
- The building should have continuous electricity supply with UPS and auto switch on generator as a backup for at least 08 hours.
- There should be CCTV with global IP, covering the whole examination hall. The CCTV should be supported by UPS/generator.
- Testing centre should have designated partition installed between each computer workstation.

## Tentative system configuration for conduct of CBT

Item	Specification
<b>Exam Server Configuration for CBT</b>	
Hardware	Intel ® Core™ i5/i7 CPU @ 2.70 GHz 16 GB RAM 500 GB HDD
Software	Operating System- Microsoft Windows Server 2012 R2 Standard. Test Engine Software. MS-SQL Server 2012 R2 Standard Edition.

	Latest updated antivirus software.
<b>Candidate system configuration for conduct of CBT</b>	
Hardware	Intel ® Core™ i5/i7 CPU @ 2.70 GHz, 4GB RAM, 80 GB HDD, 15"/17" LCD Monitor, Keyboard & Optical scroll mouse.
Operating system	Linux, Windows 7/8/10, MS Server 2012 R2 Standard.
	Windows with all Microsoft Updates/Patches/Service Packs.
Internet Explorer Version	Internet Explorer Ver. 7 or above
Antivirus	Any licensed AV with latest definitions.
Back-up PCs	Back-up PCs- 15-20% of the total seats booked should be provided on single LAN.
<b>Internet</b>	
Internet Connection	Min 2 Mbps leased line 1:1 connectivity with static IP (preferred)
<b>Power</b>	
UPS	Online UPS with Min. 1 Hour backup or more depending on number of PCs and other equipments connected.
<b>Generator</b>	With backup for at least 08 hrs

**Computer Network**

LAN Cabling

Structured cabling with Cat 5 cables and I/O box, Network Rack with Patch panel available.

Switch Type and Speed

24 Port switch with 100 mbps  
(Note-Depends on number of computers)

LAN

All PCs should be in same network.

**Printers**

Laser/Inkjet Printers

02 Nos.