# Requirements for Exam Center

| Sr.# | Item | Specification | Requirements |
|---|---|---|---|
| 1 | Computer Lab(s) | Preferably big hall (s) instead of small rooms | Well ventilated and air conditioned |
| 2 | Minimum workstations for Examination | (At least Intel Core2Duo 2.4Ghz or higher with 4 GB RAM) All peripherals shall be and remain in excellent working condition. All workstations shall be of the same configuration | How many Number of workstations do you have at your PVC (Computers for Exams) (__? _)<br><br>(Later, we may request you to increase them if required) |
| 3 | Exam Server Machine | Intel Core2Quad or Core I3 or better With 4.0 GB RAM | One |
| 4 | Domain Controller Machine | Intel Core2Quad or Core I3 or better With 4.0 GB RAM | One |
| 5 | Backup Exam Server Machine | Same as the primary Exam Server Machine | One |
| 6 | Backup Domain Controller Machine | Same as the primary Domain Controller Machine | One |
| 7 | Internet Connection | Reliable and fast internet connection | Internet Bandwidth (preferably CIR / Dedicated) at least 4 MB or higher |
| 8 | Backup Internet Connection | Same as Primary | Same as Primary |

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|---|---|---|---|
| 9 | Generators | 20 kVA generator is recommended for every 30 Computers with LCDs, 3 Server Machines, 1 Printer, 1 Scanner, 2 Network Switches & 3 CCTV Camera System along with building load.<br>. ……. OR….<br>20 kVA generator is recommended for every 20 Computers with MONITORS, 3 Server Machines, 1 Printer, 1 Scanner, 2 Network Switches & 3 CCTV Camera System along with building load. | Must support all required computers and remain in perfect working condition throughout the exam. |
| 10 | UPS | 10 kVA UPS is recommended for every 30 Computers with LCDs, 2 Server Machines, 1 Printer, 1 Scanner, 2 Network Switches & 3 CCTV Camera System.<br>. ……. OR….<br>10 kVA UPS is recommended for every 20 Computers with MONITORS, 3 Server Machines, 1 Printer, 1 Scanner, 2 Network Switches & 3 CCTV Camera System. | Must remain in perfect working condition throughout the exam. |

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|---|---|---|---|
| 11 | Printer | One Laser printer | Must remain in perfect working condition throughout the exam. |
| 12 | Scanner | With resolution of 1200 dpi, 48 bit color | Must remain in perfect working condition throughout the exam. |
| 13 | Shields | Cover all monitors | All monitors must have shield covers |
| 14 | CCTV Camera | With IP connectivity, installed at entrance and computer lab(s) with recording is mandatory. | |
| 15 | Anti-Virus | Compulsory | Updated Antivirus on servers and all workstations |
| 16 | Air Conditioner | Air Conditioner must have been Installed and supported by the generator. | |
| 17 | Networking Staff | Networking staff of Examination Center (having some recognized qualification) MUST be reasonably adept in handling computer systems, particularly software installation and configuration | |

In addition, following network infrastructure shall be implemented:

i. Domain shall be configured.
ii. Network policies shall be defined against the exam user accounts. All exam users shall have the same set of access permissions.
iii. Domain based networking shall be implemented
iv. All the students shall log in with the same set of network access permissions
v. Internet access shall be disabled
vi. All physical drives shall not be available to the students
vii. Remote Desktop connection shall be restricted
viii. Students shall create file(s) only on desktop
ix. My Network places shall be invisible
x. Network file sharing shall be disabled
xi. RUN command usage shall be restricted

xii. Windows Explorer usage shall be restricted
xiii. All USB ports shall be disabled
xiv. Secondary storage devices i.e. CD/DVD drives access shall be disabled
xv. Messaging policy strictly prohibited.
xvi. Networking staff must be computer literate (having recognized qualification) and proficient in software installation/configuration.