Global Information Assurance Certification Paper

MC1) In a single building, multi-floor business model which of the following rooms would be best for use as a server room?
a) A closet in the basement of the building
b) A corner room with a view.
c) A room in the center of the building.
d) The closest room to where the telephone lines enter the building.

c. Centered in the building, you are more likely to notice if someone walks out with your equipment. Also the room is more likely to be stronger.

MC2) Where should your servers be placed?
a) Bolted to the floor.
b) On top of the Administrators' desks.
c) Knee High in a server rack.
d) In the CEOs office.

c. In case of flooding, move it up. Bolted into a server rack, it is harder to remove.

MC3) When would be the best time for an intruder to gain access to your systems?
a) After hours, when everyone is gone.
b) Immediately after pulling the fire alarm for the building.
c) During the receptionist's lunch break.
d) When the security guard is in the bathroom.

c. When the receptionist goes to lunch, often the main entry is not watched.

MC4) What is the best Audio/Visual hardware placement?
a) A personal camcorder sitting on a shelf in the server room facing the entry door.
b) A camera mounted to the wall facing the monitor(s) of your servers with a VCR in another room.
c) A camera mounted to the server rack with the VCR sitting on a shelf in the rack.
d) A camera mounted where it can see the largest area in the server room, connected to the LAN.

b. You can see (basically) what is being done on the server. The VCR is inaccessible so the unit is more secure.

MC5) You are reviewing your server logs and notice an unexpected server startup around the same time every night. The most likely cause is?
a) Too many people watching the 11 o'clock news.
b) The air conditioning changing to night mode.
c) The janitor
d) The security guard trying to cover up inappropriate web site viewing.

c. Janitorial staff commonly use whatever outlet is easiest for them, unplugging whatever is plugged in to that outlet.

TF1) A good access control system can be unintentionally defeated by blocking a door open.
True. Unless you have ways to make sure that your doors get closed, the best lock in the world won't help.

TF2) Your fire protection system should be configured so that if there is a fire in one part of your offices, all of the sprinklers should trigger to prevent the fire from spreading.
False. The sprinkler systems should be on independent sensors to prevent damage to the rest of your business.

TF3) If your time-lapse recorder doesn't have a clock feature built in, your only option is to either not log the time, or replace the unit.
False. Put a cheap clock in view of the camera.

TF4) When a river overflows its banks, or a water main bursts, often only the first few inches of the floor, in your building, is covered by water.
True. In many cases, the distance the water has to cover from where the burst (or river) is located is enough to keep it from even entering a business. If you mount servers a foot or so off the floor, you are going to be reasonably sure of not getting your equipment wet (unless you are in the basement).

TF5) If your server room has good locks, a strong door, and frame, and solid walls, a device like a floppy drive lock is just a waste of money.
False. If someone forgets to close the door, access is easy. Every level of protection makes it that much harder for damage to be done. Similar to defense in depth.