QUIZ:
   1. Letting the Grid systems do the work on your behalf entails:
         a. passing along your entire certificate to the Grid
         b. copying all of your data to the Workload Management System (WMS)
         c. creating a delegation of your certificate called proxy
         d. passing your credentials to the (Berkeley Database Information Index) BDII
Correct Answer is c.

   2. The command <voms-proxy-init --voms tutor>, will create a local proxy:
         a. valid by default for one week
         b. and also delegate your credentials to the Workload Management System (WMS)
         c. by contacting the Myproxy server
         d. by contacting a VOMS server
Correct Answer is d.

   3. Using the lcg-infosites command (available in your VM), find out how many sites provide disk space to the tutor VO:
         a. 4
         b. 14
         c. 20
         d. 45
Correct answer is b.

   4. The command that gives you the total number of free CPUs for each grid site of the tutor VO is:
         a. lcg-infosites --vo tutor ce
         b. lcg-info --vo tutor --list-ce --attrs FreeCPUs
         c. glite-wms-job-list-match -a <jdl file>
         d. lcg-infosites --vo tutor se
Correct Answer is b.

   5. The Berkeley Database Information Index (BDII):
         a. is an LDAP-based Information System which holds information about all services available on the Grid
         b. creates a wrapper script for the job submission
         c. supplies information about the proxies lifetime
         d. stores logging and bookkeeping information about the status of grid jobs
Correct Answer is a.

   6. The command <myproxy-destroy -d>:
         a. destroys the local proxy in your /tmp/ default directory
         b. can be executed successfully only you have a valid local proxy
         c. cancels the user's running jobs
         d. is automatically executed when a job takes more than the standard 12 hours to finish
Correct Answer is b.

7. Once the user submits the JDL job:
    a. the Workload Management System (WMS) queries the Logging & Bookkeeping (LB) service for the status of the grid resources
    b. the user interface (UI) tools create a wrapper script for the job submission
    c. Myproxy server will renew the proxy
    d. an event is logged in the Logging & Bookkeeping system and the job status becomes SUBMITTED.
Correct Answer is d.

8. When the Workload Management System (WMS) interrogates the Information System:
    a. the status of the job becomes SUBMITTED
    b. it determines the best available CE to send the job
    c. the status of the job becomes RUNNING
    d. the job output files are copied it to a Storage Element
Correct Answer is b.

9. Using the voms-proxy-info command (available in your VM), find out the encryption strength of your certificate.
    a. 256 bits
    b. 512 bits
    c. 1024 bits
    d. 2048 bits
Correct answer is c. Create a valid proxy, then execute <voms-proxy-info> and inspect the result. The strength is 1024 bits.

10. The grid middleware:
    a. is a software stack running on the VOMS server
    b. is an LDAP-based information system
    c. adds a layer of abstraction to transparently use different batch systems
    d. is the top-level BDII
Correct Answer is c.