MCQ Questions - Spack

1. What is Spack?
   a) A package manager for scientific computing software
   b) A programming language
   c) A database management system
   d) A cloud computing platform

2. What is the main advantage of using Spack over traditional package managers?
   a) Spack allows for the creation of custom software packages
   b) Spack is faster than traditional package managers
   c) Spack is easier to use than traditional package managers
   d) Spack has a larger repository of packages than traditional package managers

3. Which command is used to get info about a specific package in Spack?
   a) spack search
   b) spack info
   c) spack install
   d) spack uninstall

4. Which command is used to install a package in Spack?
   a) spack search
   b) spack info
   c) spack install
   d) spack uninstall

5. Which spack command is appropriate to install hpctoolkit with GCC version 12.2.0?
   a) spack install -v -j40 hpctoolkit$gcc@12.2.0
   b) spack install -v -j40 hpctoolkit#gcc@12.2.0
   c) spack install -v -j40 hpctoolkit+gcc@12.2.0
   d) spack install -v -j40 hpctoolkit%gcc@12.2.0

6. Which command is used to view the build configuration of a package in Spack?
   a) spack search
   b) spack info
   c) spack graph
   d) spack spec

7. Which command is used to view the dependencies of a package in Spack?
   a) spack search
   b) spack info
   c) spack find graph
   d) spack find -d