

# Git review

Quiz, Form: A

## Section 1. Basic concepts

Match the following concepts with their definitions.

- |                     |  |
|---------------------|--|
| _____ merge         | (a) a pointer to a particular commit, which moves forward as you commit          |
| _____ tag           | (b) used to synchronize repositories   |
| _____ staging area  | (c) where snapshots of changes are placed before they are committed              |
| _____ branch        | (d) a DAG of commits with additional information (e.g., branches, tags, remotes) |
| _____ remote        | (e) a full snapshot of a working tree  |
| _____ commit        | (f) another repository whose branches your repository tracks                     |
| _____ push and pull | (g) joins two or more development histories together                             |
| _____ repository    | (h) directory containing the files you are currently working on                  |
| _____ working tree  | (i) a pointer to a particular commit   |

## Section 2. Short Answer

Please explain what each of the following terms means.

1. `HEAD`
2. `master`
3. `origin`

Please answer the following questions.

4. Which of the above terms are fixed and which are used by convention?
5. What `git` command would you use to see what `master` specifically refers to in one of your repositories?
6. What `git` command would you use to see what `origin` specifically refers to in one of your repositories?