Git review

Quiz, Form: A

Section 1.   Basic concepts

Match the following concepts with their definitions.

_____ remote

_____ push and pull

_____ repository

_____ staging area

_____ working tree

_____ commit

_____ tag

_____ merge

_____ branch

(a) a pointer to a particular commit, which moves forward as you commit

(b) a DAG of commits with additional information (e.g., branches, tags, remotes)

(c) a pointer to a particular commit

(d) joins two or more development histories together

(e) used to synchronize repositories

(f) where snapshots of changes are placed before they are committed

(g) another repository whose branches your repository tracks

(h) a full snapshot of a working tree

(i) directory containing the files you are currently working on

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?