



Time: 15 mins

Maximum Marks: 10

Student's Name

Roll No.

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• Instructions

- Only one answer is correct
- Each questions comprises of 1 mark

1. A head is nothing but a reference to the _____ commit object of a branch.
2. Which of the following commands will create a new branch?
 - (a) `git checkout <New_Branch>`
 - (b) `git checkout -b <New_Branch>`
 - (c) `git clone <New_Branch>`
 - (d) `git create-branch <New_Branch>`
3. _____ git command used to switch between branches
4. Write one line command to create a branch and commit on that branch
5. _____ git command used to make linear sequences of commits
6. How many blobs will be created after the following set of commands are executed?

```
git init
echo "iitbhilai" >> newFile
git add newFile
git add .
git commit -m "1st commit"
echo "iitbhilairocks" > newFile2
cp newFile newFile3
git add .
git commit -m "2nd commit"
```
7. In a git graph a tree points to another tree. What could that mean in terms of the content of the git repository. _____

8. What is the shell command to compute SHA1 hash of a file?
9. What is the git command to read type of git object?
- (a) `cat git-file <SHA1>`
 - (b) `git cat <SHA1> type`
 - (c) `git cat-file -p <file-name>`
 - (d) `git cat-file -t <SHA1>`
10. When we write `git add <filename>`, the file is copied to
- (a) Git repo
 - (b) Staging area
 - (c) Working directory
 - (d) None of the above
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