



✓ **Congratulations! You passed!**

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Git Concepts and Architecture

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1. In git, the fundamental content-full object that is stored, is called a:

1 / 1 point

- ☐ file
- ☐ deposit
- ☐ directory
- ☒ blob

✓ **Correct**

Binary blobs are the fundamental object

2. When a repository is "forked", the new repository

1 / 1 point

- ☒ Is structurally equal to the old one and contains the entire history
- ☐ Is structurally equal to the old one, but does not contain the entire history

✓ **Correct**

There is no structural difference

3. Publishing a repository means:

1 / 1 point

- ☒ Making the results visible and available to other contributors
- ☐ Posting a "come and get it" notice on a mailing list
- ☐ Doing a **git commit**

✓ **Correct**

This generally involves a push (or commit) to a repository visible over the network to permitted collaborators

4. Upstream and downstream git repositories are:

1 / 1 point

- ☐ Fundamentally different; it is structurally impossible to bring changes from the downstream repository to the upstream one
- ☒ Structurally the same; it is a socio-political decision which repositories are upstream or downstream

✓ **Correct**

This is the correct answer

5. The long hexadecimal numbers associated with git commits:

1 / 1 point

- ☐ Are designed to confuse hackers
- ☒ Serve as both identifiers and helpful checksums
- ☐ Are computed using this weeks football scores to achieve randomness

✓ **Correct**

This is correct