Section 5 Quiz - Recap Blockchain Development

1. What is the library we use to interact with the blockchain?
   (This is discussed in lecture 'Let's deploy with an ERC20 token')
   a. Alchemy
   b.
   c. Hardhat

   Correct Answer: Option c – Hardhat.

   Explanation:
   Option a – Almost, this is the node provider though.
   Option b – No, this is a javascript tool.
   Option c – Yes, this is the library we use.

2. Which type of NFT did we deploy?
   (This was discussed in lecture 'Now let's deploy & setup an NFT')
   a. ERC1155
   b. ERC726
   c. ERC20

   Correct Answer: Option b – ERC726

   Explanation:
   Option a – No, we did not.
   Option b – Yes, we did.
   Option c – This is not an NFT standard.

3. Where should metadata be uploaded to?
   (This was discussed in lecture 'Setup Metadata for an NFT')
   a. Your local computer.
   b. Your own website.
   c. IPFS or other decentral file systems.

   Correct Answer: Option c – IPFS or other decentral file systems.

   Explanation:
   Option a - While true, it is not helpful for other people.
   Option b – This is possible but not always recommended.
   Option c – Yes, this is correct.

4. How to get your NFTs on OpenSea?
   (This was discussed in lecture 'Connecting an NFT to OpenSea')
   a. By clicking the "Import" button OpenSea.
   b. They are available by default; we need to adjust the settings.
   c. By uploading them to OpenSea.

   Correct Answer: Option b – They are available by default; we need to adjust the settings.

Explanation:

Option a – This button does not exist.

Option b – This is correct.

Option c – This is incorrect.

5. What is the benefit of verifying a contract on Etherscan?
   (This was discussed in lecture 'Verifying a Contract on Etherscan')
   a. It allows people to verify our source code and builds trust.
   b. We can free tokens for doing so.
   c. There is no benefit.

   Correct Answer: Option a – It allows people to verify our source code and builds trust.

   Explanation:

   Option a – Good job! Yes, exactly.

   Option b – Incorrect.

   Option c – Not true.

6. What is the main way we can connect a website to the blockchain?
   (This was discussed in lecture 'Connecting a Smart Contract to a Website')
   a. By using Alchemy.
   b. By using Hardhat.
   c. By using the window.ethereum object.

   Correct Answer: Option c – By using the window.ethereum object.