Answer 03.

1. Websites are either stores or blogs. So, store and blog are disjoint set of websites.
2. Each website has a unique URL. So, there should be URL to show its uniqueness.
3. Since blog and store are subset of websites, thus URL should not be drawn separately on the them.
4. Individuals may own as many blogs as they wish, thus owner cannot be a unique attribute.
5. Blog has set of posts, hence need to show as a multivalued attribute.
6. Store is a catalogue of products. Thus, the cardinality must be 1 -> N (one to many) not 1 -> 1.
7. Each product has a unique ID. Thus, underline the ID to show it as a unique.
8. Product has a description hence the attribute name should be Description.
9. Each category has a unique ID, so category cannot be a weak entity.
10. Category has an associated color code, so it should be shown as an attribute.
11. Store is a catalog of products, it doesn’t not say anything about selling.

(Please refer [**question\_03.pdf**](question_03.pdf) for the ER diagram)

