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Choose the true statements about the Deployment Descriptor and annotations:

- a. If servlet A defines init param named PARAM through annotations, and servlet B defines init param named PARAM through the Deployment Descriptor, the Deployment Descriptor value has precedence,
- b. If servlet A defines init param named PARAM through annotations, and servlet B defines init param named PARAM through the Deployment Descriptor, the annotation value has precedence
- c. Init params with different names, defined in annotations and in the Deployment Descriptor are additive (all init params will be present in the final Deployment Descriptor)
- d. url-patterns with different values, defined in annotations and in the Deployment Descriptor are additive (all url patterns will be present in the final Deployment Descriptor)

[Hide answer](#)

a, c

Reference: page 81, 8.2.3 "Assembling the descriptor from web.xml, web-fragment.xml and annotations"

Explanation: Basically, the **DD has precedence over the annotations**, so the init-params with the same name, defined in DD has precedence over the ones defined in annotations and will replace them.

The init params with different names are **additive** in the final DD.

If the url-pattern is defined in the DD it **replaces** the urlPatterns annotation for the particular servlet.