

# Symbiosis

Read each scenario and determine whether it represents obligate symbiosis (O) or facultative symbiosis (F). Write "O" or "F" in the box.

1) In a coral reef ecosystem, clownfish live among the tentacles of sea anemones. The clownfish gain protection from predators, while the anemones benefit from the

2) A species of antelope grazes on the African savannah, occasionally attended to by cattle egrets that feed on insects and parasites infecting the antelope's fur. The

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3) Inside the human digestive system, beneficial bacteria help break down food and provide nutrients to the body. While the bacteria benefit from the environment, humans do not rely on these bacteria for survival.

4) A parasite attaches itself to a host organism and feeds on the host's blood. If the host dies, the parasite also dies.