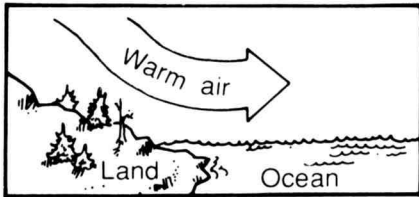


M O D E R N E A R T H S C I E N C E

Section 24.2
Clouds and Fog

Choose the one best response. Write the letter of that choice in the space provided.

- _____ 1. Which type of cloud usually forms in fair weather?
 a. nimbostratus b. cumulus c. cirrocumulus d. nimbus
- _____ 2. Which type of fog occurs as warm, moist air moves across a cold surface?
 a. radiation b. upslope c. advection d. steam
- _____ 3. What type of cloud forms when warm, moist air overrides a layer of cool air?
 a. stratus b. cumulonimbus
 c. cirrus d. altostratus
- _____ 4. Forceful lifting of an air mass can occur as the air meets a:
 a. body of water. b. mountain range.
 c. cloud bank. d. valley.



- _____ 5. Which type of cooling is most likely to occur as the air mass in the diagram moves over the water?
 a. condensational b. adiabatic
 c. convective d. advective

Read each question and answer it in the space provided.

6. What level is marked by the base of a cloud layer? _____
7. What type of fog usually forms over inland rivers and lakes? _____
8. What are temperature changes that result from pressure changes as air rises or falls called? _____
9. What type of cloud creates a halo effect around the sun? _____
10. What is another name for cumulonimbus clouds? _____