

# EXAM

## Title: Water Requirements and ET, Course #

Name: \_\_\_\_\_, License # \_\_\_\_\_, License Type: \_\_\_\_\_

Address: \_\_\_\_\_, City \_\_\_\_\_, State \_\_\_\_\_, ZIP \_\_\_\_\_

E-mail: \_\_\_\_\_, Phone # \_\_\_\_\_

Instructions: Please **print** this exam; answer each question, and mail it, along with a **\$15.00** processing fee to:

**PCACCA**  
**2743 East Read Lane**  
**Preston, ID 83263**

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1. Crop ET is influenced by what factors?
  - a. Plant temperature
  - b. Solar radiation (sunshine)
  - c. Soil water availability
  - d. All of the above
2. Methods recommended by the NRCS to determine ET are?
  - a. Temperature
  - b. Radiation
  - c. Solarization
  - d. Both A and B
3. The reference crops already established to measure ET are?
  - a. Alfalfa
  - b. Potatoes
  - c. Cut grass
  - d. Both A and C
4. Crop coefficient a factor used to modify potential Evapotranspiration is identified as?
  - a. Cc
  - b. Kc
  - c. Ce
  - d. Ke
5.  $1 \text{ ft}^3/\text{second}$  is equal to 1 acre inch/hour which is equal to?
  - a. 400 gpm
  - b. 450 gpm
  - c. 500 gpm
  - d. 550 gpm
6. Leaching of nutrients and pesticides can occur when?
  - a. Precipitation exceeds ET
  - b. Soil moisture > field capacity
  - c. Soils are low in CEC
  - d. All of the above
7. Historically an allowable depletion of of AWC (available water content) has been between?
  - a. 10% to 20%
  - b. 20% to 40%
  - c. 30% to 60%
  - d. None of the above
8. There are special auxiliary water needs they include?
  - a. Salt leaching
  - b. Bud delay
  - c. Chemigation
  - d. All of the above
9. Irrigation water contaminants in agriculture include?
  - a. Dissolved salts
  - b. Suspended sediment
  - c. Gypsum
  - d. All of the above
10. The ease with which gases, liquids or plant roots penetrate or pass through a layer of soil is known as?
  - a. Penetrability
  - b. Permeability
  - c. Percability
  - d. None of the above