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1-Direct Solar energy is used for

- (A) Water heating
- (B) Distillation
- (C) Drying
- (D) **All of the above**

2-The power from the sun intercepted by the earth is approximately

- (A) 1.8×10^8 MW
- (B) **1.8×10^{11} MW**
- (C) 1.8×10^{14} MW
- (D) 1.8×10^{17} MW

3-The following is indirect method of Solar energy utilization

- (A) Wind energy
- (B) Biomass energy
- (C) Wave energy
- (D) **All of the above**

4-A liquid flat plate collector is usually held tilted in a fixed position, facing _____ if located in the northern hemisphere.

- (A) North
- (B) **South**
- (C) East
- (D) West

5-The collection efficiency of Flat plate collector can be improved by

- (A) putting a selective coating on the plate
- (B) evacuating the space above the absorber plate**
- (C) both (A) and (B)
- (D) None of the above

6-The efficiency of various types of collectors _____ with _____ temperature.

- (A) increases, decreasing
- (B) decreases, increasing**
- (C) remains same, increasing
- (D) depends upon type of collector

7-Maximum efficiency is obtained in

- (A) Flat plate collector
- (B) Evacuated tube collector
- (C) Line focussing collector
- (D) Paraboloid dish collector**

8-The following type of energy is stored as latent heat

- (A) Thermal energy**
- (B) Chemical energy
- (C) Electrical energy
- (D) Mechanical energy

9-Which of the following type of collector is used for low temperature systems?

- (A) **Flat plate collector**
- (B) Line focussing parabolic collector
- (C) Paraboloid dish collector
- (D) All of the above

10-In the paraboloid dish concept, the concentrator tracks the sun by rotating about

- (A) One axes
- (B) **Two axes**
- (C) Three axes
- (D) None of the above