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1. The function of a solar collector is to convert.....

A.Solar Energy into Electricity

B.Solar Energy radiation

C.Solar Energy thermal energy

D.Solar Energy mechanical energy

✔ View Answer

C.Solar Energy thermal energy

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2. Most of the solar radiation received on earth surface lies within the range of.....

A.0.2 to 0.4 microns

B.0.38 to 0.78 microns

C.0 to 0.38 microns

D.0.5 to 0.8 microns

✔ View Answer

A.0.2 to 0.4 microns

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3. For satellite the source of energy is.....

A.Cryogenic storage

B.Battery

C.Solar cell

D.Any of the above

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C.Solar cell

4. Reflecting mirrors used for exploiting solar energy are called.....

A.Mantle

B.Ponds

C.Diffusers

D.Heliostats

✔ View Answer

D.Heliostats

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5. The output of solar cell is of the order of.....

A.1 W

B.5 W

C.10 W

D.20 W

✔ View Answer

A.1 W

6. Flat plate collector absorbs.....

A.Direct radiation only

B.Diffuse radiation only

C.Direct and diffuse both

D.All of the above

✔ View Answer

C.Direct and diffuse both

✍ Your Comments

7. A pyranometer is used for mesurement of.....

A.Direct radiation only

B.Diffuse radiation only

C.Direct as well as diffuse radiation

D.All of the above

✔ View Answer

C.Direct as well as diffuse radiation

✍ Your Comments

8. Most widely used solar material is.....

A.Arsenic

B.Cadmium

C.Silicon

D.Steel

✔ View Answer

C.Silicon

✍ Your Comments

9. Photovoltaic cell or solar cell converts.....

A.Thermal energy into electricity

B.Electromagnetic radiation directly into electricity

C.Solar radiation into thermal energy

D.Solar radiation into kinetic energy

✔ View Answer

B.Electromagnetic radiation directly into electricity

✍ Your Comments

10. Temperature attained by a flat-plate collector is of the.....

A.Order of about 90^0C

B.Range of 100^0C to 150^0C

C.Above 150^0C

D.None of the above

✔ View Answer

A.Order of about 90^0C