



ADIKAVI NANNAYA UNIVERSITY:: RAJAHMAHENDRAVARAM
UG – Life Skill and Skill Development Course Syllabus (2020-21)

MODEL QUESTION PAPER

SKILL DEVELOPMENT COURSE

Semester –II-(Group A)

SOLAR ENERGY

Time: 2 Hrs

Max Marks: 50

Section – A

Answer any **FOUR** questions. Each question carries 5 marks.

4 x 5 = 20Marks

1. What is Photovoltaic Effect
2. Discuss about Solar greenhouses
3. Define Solar radiation and its uses
4. Write about domestic lighting
5. Discuss about Sunshine recorder
6. Explain about the solar hot water systems,
7. Explain the Solar dryers
8. How can we Store the solar energy

Section – B

Answer **all** the questions. Each question carries 10 marks .

3 x 10M = 30Marks

9. Discuss about the Solar radiation at the Earth's surface
(OR)
10. What is solar energy? Explain its importance
11. What is the principle of conversion of solar radiation into heat?
(OR)
12. Discuss about the Solar Thermal Power Plant and its importance in daily life.
13. Describe solar photovoltaic cell and its working principle
(OR)
14. Define a solar cell. what are the types of Solar cells.