

	a. Spark plug	b. Carburetor	
	c. Fuel injector	d. Ignition coil	
10	Which type of sprayer is used for taller trees?		M 2.2
	a. Rocker sprayer	b. Hand compression sprayer	
	c. Knapsack sprayer	d. Battery operated hand sprayer	
11	Calorific value of biogas is		M 3.2
	a. 20 MJ/m ³	b. 10 MJ/m ³	
	c. 15 MJ/m ³	d. 30 MJ/m ³	
12	Combustion products of biogas include....		M 3.2
	a. Methane	b. Argon	
	c. Nitrogen	d. Neon	
13	What is the expanded form of PV cell		M 3.4
	a. Photoelectric Voltage cell	b. Photovoltaic Cell	
	c. Photo valve cell	d. Photo voltage cell	
14	PV cell is composed of		M 3.4
	a. Semiconductor material	b. Capacitor material	
	c. Resistive material	d. Super conductivity material.	
15 is an electronic circuit that converts low voltage DC into high voltage AC power.		M 3.5
	a. Inverter	b. Converter	
	c. Generator	d. Battery	
16	In which type of greenhouse is used vegetative propagation?		M 4.4
	a. Poly house	b. Glass house	
	c. Shade house	d. Mist chamber	
17	Which type greenhouse is used in agriculture production?		M 4.4
	a. Mist chamber	b. Shade net	
	c. Poly house	d. Shade house	
18	Which type greenhouse is used for producing seedling?		M 4.4
	a. Poly house	b. Glass house	
	c. Shade house	d. Mist chamber	
19	Venturi is used as		M 4.1
	a. Fertilizer injector	b. Air water mixer	
	c. Filter	d. Drier	
20	Poly-house with all sides open is known as		M 4.2
	a. Mist chamber	b. Shade net	
	c. Rain shelter	d. Gable type	

PART-B

(There should be at least 2 questions from each module)

(Maximum Marks: 8x5 Marks = 40 Marks)

II. Answer *any eight* questions from the following. Each question carries marks.5 Marks.

Q No	Question	Module
1	List any five major components of a petrol engine.	M 1.1
2	What is primary tillage?	M 1.7
3	What are the advantages of disc plough?	M 1.8
4	Which are the important parts of a sprayer?	M 2.2
5	Write a short note on knapsack sprayer.	M 2.2
6	What is the inspection procedure followed before using a power sprayer?	M 2.2
7	Explain the procedure in production of biogas.	M 3.2
8	Explain the basic Principle of a Photovoltaic cell.	M 3.4
9	Draw the function diagram of solar water pump.	M 3.4
10	Define green house technology.	M 4.4
11	What are the advantages of greenhouse?	M 4.3
12	Mention the different types of greenhouse with purpose of each.	M 4.3