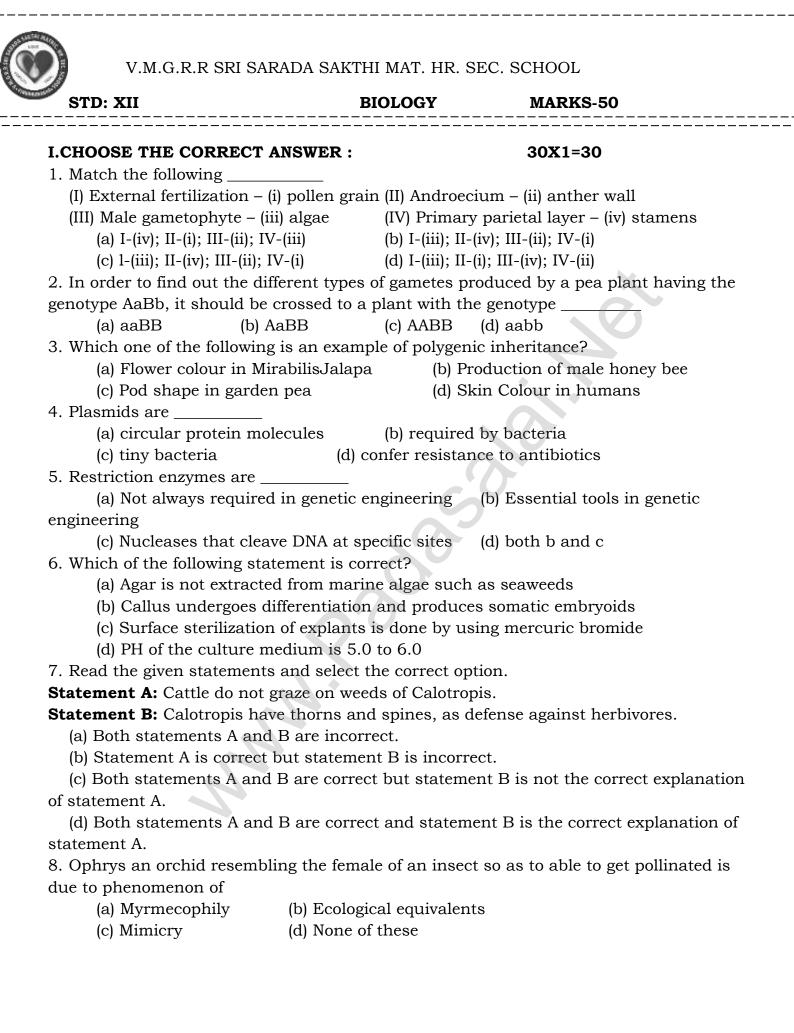
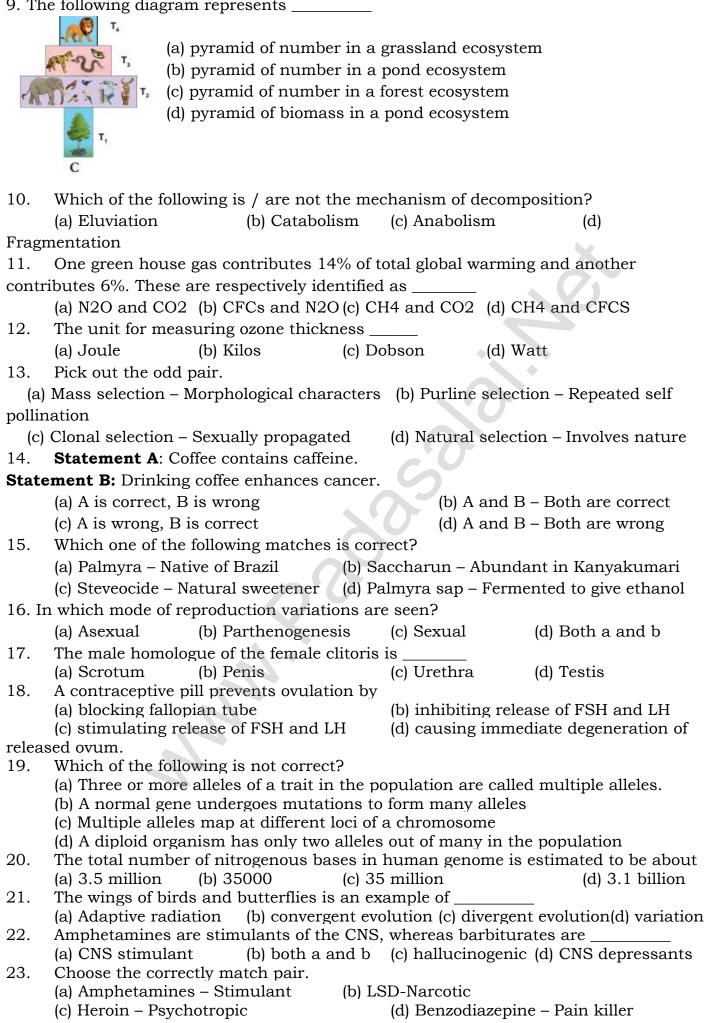
<u>\_\_\_\_\_www.Trb Tnpsc.Com</u>\_\_\_\_\_



9. The following diagram represents \_\_\_\_\_



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24.	. Cry toxins obtained from Bacillus thuringiensis are effective against for			
	(a) Mosquitoes	(b) Flies	(c) Nematodes	d)
Bollworms				
25.	Predation and parasitism are which type of interactions?			
	(a) (+,+)	(b) (+, O)	(c) (-, -,)	(d) (+, -)
26.	Competition between species leads to			
	(a) Extinction	(b) Mutation	n (c) Amensalisn	n (d) Symbiosis
27.	Which of the following is considered a hotspot of biodiversity in India?			
	(a) Western ghats (b) Ir	ndo-gangetic plain	(c) Eastern Himalaya	is (d) A and C
28.	The organization which published the red list of species is			
	(a) WWF	(b) IUCN	(c) ZSI	(d) UNEP
29.	The 'thickness' of Stratospheric Ozone layer is measured in/on			
	(a) Sieverts units (b) Dobson units (c) Melson units (d) Beaufort So			
30.	The phenomenon of " Industrial Melanism" demonstrates			
	(a) Natural selection	(b) induced	mutation	
	(c) reproductive isolation	n (d) geograp	hical isolation	

# II.ANSWER ANY TEN OF THE FOLLOWING: 4X5 = 20

31. Explain the mechanism of crossing over.

### OR

How sex is determined in monoecious plants. write their genes involved in it.

32.List out the new breeding techniques involved in developing new traits in plant breeding.

# OR

What are the different types of hybridization?

33i. Describe the structure of the human ovum with a neat labelled diagram.

### OR

i.Explain the role of oxytocin and relaxin in parturition and lactation.

ii.Placenta is an endocrine tissue. Justify.

34. Give any two bioactive molecules produced by microbes and state their uses.

## OR

What is referred to as industrial alcohol? Briefly describe its preparation .

\*\*\*\*\*

Kindly Send Me Your Key Answers to Our email id - padasalai.net@gmail.com