

Pramukh Swami Science and H.D Patel Arts College
 Advance Diploma in Agriculture and Soil Science
 Semester- IV Internal Examination, March-April -2018
 Subject Code: - AS- 404
 Subject: - Principles of Plant Breeding

Time: 2 hrs

Date: 2/04/2018

Marks: 40

Q.1 Answer any 10 MCQ questions. Each question carries 1 mark. [10*1=10]

Q.1	Male reproductive part of flower is known as	
	a spike	e Anther
	b stamen	d None of these
Q.2	Which one of the following is self pollinated crop.....	
	a wheat	c bajara
	b castor	d All of these
Q.3	With roots plant is known as.....	
	a Mosses	e Ferns
	b Monocots	d Dicots
Q.4	Naked seeds are seen in	
	a Gymnosperm	e Cotyledons
	b Angiosperm	d Endosperm
Q.5	Homozygosity is high incrop.	
	a Cross pollinated crop	e Self pollinated crops
	b Often cross pollinated crop	d All of these
Q.6	Apomixis is known as	
	a Seed	e Without fertilization
	b With fertilization	d Pollination
Q.7	Crossing of two dissimilar plant is known as.....	
	a Fertilization	e Crossing
	b Hybridization	d Pollination
Q.8	Anther having.....	
	a Petal	e Pollen
	b Leaves	d None of these
Q.9	Seed leaves are also known as.....plant.	
	a Pollinated	e Monocots
	b Dicots	d Crossed
Q.10	Identified monocious plant.....	
	a Banana	e Wheat
	b Papaya	d Bajara

Q.2 Define/Explain the following(4*5=20) (Any Four)

1. Draw diagram of plant classification.
2. Enlist aims of plant breeding.
3. Enlist cross pollinated crop.
4. Enlist often cross pollinated crop.
5. Difference between cross and self pollination.
6. Significance of plant breeding.

Q.4 Write down detail of following questions.

[1*10=10]

1. Mode of reproduction with classification.
2. Mode of pollination in details.