

## Madhya Pradesh Board Agriculture Syllabus for Class 11

Agriculture syllabus for class XI of 2008-09 session

Time: 3 hours

Maximum Marks: 100 (Theory-75 Marks, Practical-25 Marks)

Section -A			
1	Introduction	Introduction :- Scope & Importance of Agriculture in Indian Economy Measures Adopted for improving production.	2 Marks
2	Climate	Climate :- Distribution of crop zones based on rainfall; Temperature, Atmospheric Pressure, Records.	3 Marks
3	Soils	Soils :- Definition of soil, composition, importance of soil, soil Texture, minerals, humus, soil, soil water & soil air.	4 Marks
4	Types of soils	Types of soils :- Classification of soil in M.P., Identification of soil, Formation and reclamation of acidic and basic soils.	5 Marks
5	Tillage	Tillage :- Definition, objectives, Types, Tillage works – ploughing, narrowing, interculture & their implements.	4 Marks
Section- B			
6	Organic Manures	Organic Manures :- Micro nutrients useful for plants & their general information	4 Marks
7	Fertilizers	Fertilizers :- Nitrogenous, phosphoric & potassic fertilizers	4 Marks
8	Weeds	Weeds :- Control of weeds (Mechanical, Agricultural, Biological & Chemical methods.	2 Marks
9	Crops cultivation I	Crops (Cultivation) :- Gram & soybean cultivation.	4 Marks
10	Crops cultivation II	Crops (Cultivation) :- Cultivation of paddy.	4 Marks
Section-C			
11	Introduction of Horticulture	Introduction of Horticulture :- Meaning of horticulture, branches & scope of horticulture, plantation methods. Training & pruning.	3 Marks
12	Ornamental Gardening	Ornamental Gardening :-  (i) Definition, Importance & Scope  (ii) Climber, Shrubs & Trees	4 Marks
13	Plant Propagation	Plant Propagation :- Methods of propagation- cutting, air layering, graft age, in-arching & budding.	5 Marks
14	Cultivation of Vegetables I	Cultivation of Vegetables :- Tomato, Brinjal, Chilli, Lady finger.	3 Marks
15	Cultivation of Vegetables II	Cultivation of Vegetables :- Radish & Onion	3 Marks
Section-D			
16	Cultivation of fruits I	Cultivation of Fruits :- Cultivation of banana, papaya & their importance.	5 Marks
17	Cultivation of fruits II	Cultivation of Fruits :- Cultivation of citrus fruits, specially lime & orange.	5 Marks
18	Preservation	Preservation (Fruit & Vegetables) :- Meaning & Fruit Vegetables preservation, Importance, scope & limitations of fruits & vegetable preservation.	3 Marks
19	Principles & methods for fruit & vegetable preservation	Principles & methods of fruit & vegetable preservation.	3 Marks
20	Methods of Preservation	Methods of preservation :- (Specially) preparation of Jelly of guava, squash of lime, tomato ketchup (sauce).	5 Marks

Practical Syllabus:-

1	Calculation of manure & fertilizers for crops.	3 Marks
2	Preparation of plants for annual & perennial crops.	3 Marks
3	Preparation of plants by different methods of plants propagation	5 Marks
4	Cultivation of rabi & kharif crops according to syllabus	5 Marks
5	Introduction of tillage implements, Identification of fertilizers & seeds Identification of weeds	4 Marks
6	Record & project work.	4 Marks