**SET B**

**Centurion University of Technology and Management**

**Paralekhemundi, Odisha**

**Course Title: Production technology of vegetables and species (ASHO1203)**

**Internal-I Examination of 2nd semester B.Sc.(Hons) Ag.**

**MM: 10 marks**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S. NO | MCQ | Instructions |  |  |
|  |  | According to botanical classification of vegetable crops, which family of vegetables comes under monocotyledon class |  |  |
|  | Liliaceae |  |  |
|  | Poacaeae/Graminae |  |  |
|  | Malvaceae |  |  |
|  | A and B both | Yes |  |
|  |  | *Daucus carota* belongs to the family |  |  |
|  | Amaranthaceae |  |  |
|  | Asteraceae |  |  |
|  | Araceae |  |  |
|  | Apiaceae | Yes |  |
|  |  | Scientific name of tomato is |  |  |
|  | *Lycopersicon esculentum* |  |  |
|  | *Solanum lycopersicon* | Yes |  |
|  | *Solanum esculentum* |  |  |
|  | *Solanum peruvianum* |  |  |
|  |  | Fruit is the edible part in |  |  |
|  | Tomato |  |  |
|  | Watermelon |  |  |
|  | Pepper |  |  |
|  | All of the above | Yes |  |
|  |  | Based on life cycle, vegetables which are perennial in nature |  |  |
|  | Asparagus | Yes |  |
|  | Capsicum |  |  |
|  | Carrot |  |  |
|  | Cauliflower |  |  |
|  |  | Warm season vegetables belong to family |  |  |
|  | Solanaceae | Yes |  |
|  | Brassicaceae |  |  |
|  | Alliaceae |  |  |
|  | Apiaceae |  |  |
|  |  | Cole crops vegetables are |  |  |
|  | Cabbage |  |  |
|  | Knolkhol |  |  |
|  | Brussel sprouts |  |  |
|  | All of the above | Yes |  |
|  |  | Vegetables which are highly tolerant to salt are |  |  |
|  | Potato |  |  |
|  | Watermelon |  |  |
|  | Onion |  |  |
|  | Both a and b | Yes |  |
|  |  | Direct sown vegetables are |  |  |
|  | Okra |  |  |
|  | Carrot |  |  |
|  | Radish |  |  |
|  | All of the above | Yes |  |
|  |  | Day neutral vegetables are |  |  |
|  | Tomato |  |  |
|  | Brinjal |  |  |
|  | Chinese cabbage |  |  |
|  | Both a and b | Yes |  |
|  |  | Chromosome number of Capsicum is |  |  |
|  | 2n=2x=24 | Yes |  |
|  | 2n=2x=26 |  |  |
|  | 2n=2x=14 |  |  |
|  | 2n=4x=48 |  |  |
|  |  | Red color in Tomato is due to |  |  |
|  | Pro-lycopene |  |  |
|  | chlorophyll |  |  |
|  | Lycopene | Yes |  |
|  | Carotenoids |  |  |
|  |  | Seed rate of F1 hybrid of tomato is |  |  |
|  | 150g/ha |  |  |
|  | 120g/ha | Yes |  |
|  | 350g/ha |  |  |
|  | 400g/ha |  |  |
|  |  | **Tomato growing under greenhouse/polyhouse conditions are** |  |  |
|  | Determinate type |  |  |
|  | Semi determinate type |  |  |
|  | Indeterminate type | Yes |  |
|  | None of the above |  |  |
|  |  | Arka Abed is the tetra disease resistant hybrid of |  |  |
|  | Brinjal |  |  |
|  | Tomato | Yes |  |
|  | Capsicum |  |  |
|  | Potato |  |  |
|  |  | **Pungency in chili is due to** |  |  |
|  | Capxanthin |  |  |
|  | Capsaicin | Yes |  |
|  | Capsurbin |  |  |
|  | Capsinoids |  |  |
|  |  | Origin of Capsicum is |  |  |
|  | North America |  |  |
|  | South America | Yes |  |
|  | Europe |  |  |
|  | None of the above |  |  |
|  |  | Seed rate of open pollinated varieties of Brinjal is |  |  |
|  | 375-500g/ha | Yes |  |
|  | 200g/ha |  |  |
|  | 120g/ha |  |  |
|  | 125g/ha |  |  |
|  |  | Pusa Mohini is the variety of |  |  |
|  | Tomato |  |  |
|  | Chili |  |  |
|  | Capsicum | Yes |  |
|  | Brinjal |  |  |
|  |  | Leaf curl virus infestation is major in |  |  |
|  | Tomato | Yes |  |
|  | Brinjal |  |  |
|  | Both a and b |  |  |
|  | None of the above |  |  |