Midterm Examination of Stone and nut fruit production (M.Sc. student) 2024
Q1: Define only three (3) of the following words? (Stone fruit – Free stone – Clingstone – Abscission – Marcescence)
Q2: A: Compare between Free stone and clingstone fruits? B: Write the scientific and family name of Almond? (10 Mark) (8 Mark)
Q3/ Answer only (7) of the following question? (For each branch 5 marks) (35 Mark)
A/ The almond are also susceptible to injury by rains in spring and summer, why? B/ Nitrogen deficiency in almond trees may tend to what? C/ Sometimes, the absence of leaves it has a benefit to improve, what? D/ When the leaf break away from the plant, it forms a layer that seals the break, why? E/ What is the reason of exhibit behavior "Marcescence "? F/ When the beginning of leaf drop starts? G/ There are two distinctive types of deciduous forest, what are they? H/ The reduction of chlorophyll production in leaves? I/ June drop occurs when the fruits are marble (glass ball), why?
Q5: Fill the blanks with correct words? (15 Mark) 1 - Many delicious fruits like Peaches, Plum, Apricot, Almond and Cherrie fall into the fruit category. 2 - A stone fruit, also known as a ——, has an inner pit surrounded by a fleshy fruit encased with a thin skin.
 3: it refers to a drupe having a stone which can be removed from the flesh with ease. 4 - Almond belongs to the family, genus and subgenus amygdalus. 5 - There are two main group of commercial almond, (Edible almond) and (Inedible almond).
6 – Leaf drop or —— involves complex physiological signals and changes within plants.

- 7 The beginnings of leaf drop starts when an —— layer is formed between the leaf petiole and the stem.
- 8- Cell wall changes increasingly inhibit —— transport and accelerate —— production.
- 10 — can delay abscission, probably by indirectly delaying senescence. will accelerate abscission.
- 11 June drop usually occurs in most deciduous fruits in the month of ——.

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