

Step-One

*The Loser is always part of the problem.
The Winner is always part of the answer.*

Multiple Choice

1. Lye peeling is done by
A] 1% caustic + cool B] 5% caustic soda + cool
C] 1% Caustic + hot D] 5% caustic soda + hot
2. Spongy tissue is due to
A] Pathogen B] Physiological factor
C] Both a & b D] None
3. Mass selection is essentially a-
A] Hybridization technique B] Population improvement
C] Clonal selection D] Mutation breeding
4. 'Essential oil' is extracted from _____ fruit-
A] Lemon B] Mangosteen
C] Olive D] Almond
5. Daria cultivation is followed in which crop
A] Tomato B] Root crops
C] Cucurbits D] Bulb crops
6. Axillary bearing is found in-
A] Loquat B] Bael
C] Phalsa D] Litchi
7. Diploid apogamy is found in
A] *Allium spp* B] *Perithelium spp*
C] Tobacco D] Rice
8. Dioecious form of sex is found in-
A] Citrus B] Aonla
C] Papaya D] Litchi
9. Maximum acreage under cocoa is found in-
A] Karnataka B] Andhra Pradesh
C] Kerala D] Tamil Nadu
10. Maximum acreage under coffee is found in-
A] India B] Mexico
C] Brazil D] Britain

**Bulb dealer
(jobber)**

An individual of firm who stores, ships and distributes bulbs.

**Bulb grower
(producer)**

An individual or firm who propagates bulbs for wholesale purpose.

**Sodium
hypochlorite
(Clorox)**

Common household bleach, used for commercial sterilization of greenhouse benches and tools.

Quintal

A measure of weight, 100 kilograms.

Acorn

The fruit of oaks, a thick walled nut with a woody cup-like base.

Diffuse

Loosely or widely spreading, an open form.

NAA

Naphthalene acetic acid, and auxin used as a rooting hormone.

Stub

A short blunt projection, as a blunt projecting stem, branch or root.

Axillary

Borne in an axil, as a bud or a flower.

Obscure

Not easily made out, as applied to buds, bundle scars, etc.

Compressed

Flattened from the sides, as applied to nodes or buds.

Orbicular

circular or globed, as in the shape of a leaf

11. Sweet orange is generally trained on-
A] Single stem B] Multiple stem
C] Two branches D] None of above
12. *Rauwolfia serpentina* is harvested after
A] 6 months B] 12-15 months
C] 24 months D] 36 months
13. 'Pusa Swarnima' is hybrid variety of-
A] Radish B] Yam
C] Turnip D] Carrot
14. Metal which is important constituent of chlorophyll is
A] Fe B] Cu
C] N₂ D] Mg
15. 'Auxin' production is inhibited by-
A] 'Cu' deficiency B] 'P' deficiency
C] 'Mg' deficiency D] 'Mn' deficiency
16. 'Auxin' production is inhibited by-
A] Boron deficiency B] Zinc deficiency
C] Molybdenum deficiency D] Potash deficiency
17. Maximum acreage under coconut is in-
A] Andhra Pradesh B] Tamil Nadu
C] Maharashtra D] Kerala
18. Which fruit is known as 'King of temperate fruits'-
A] Almond B] Apple
C] Peach D] Walnut
19. Kamala Retreat at Kanpur is laid on the pattern of-
A] Mughal style B] Japanese style
C] English style D] Formal style
20. RRIL headquarter is located at
A] Kasargod B] Calicut
C] Kottayan D] Bangalore
21. Which product is made by yeast fermentation
A] Apple cider B] Mango pulp
C] Citrus nector D] All
22. Cassava (Tapioca) is mainly grown in-
A] Kerala B] Bihar
C] Andhra Pradesh D] Assam

23. Sugarcane production is maximum in which state
A] TN B] Maharashtra
C] UP D] MP
24. Vitamin C is maximum in
A] Guava B] Aonla
C] Papaya D] Mango
25. Which instrument is most helpful for preparing a 'colour scheme'-
A] Colour box B] Colour wheel
C] Colour scale D] Refractometer
26. Which flower is most suitable for drying-
A] Poppy B] Acroclinum
C] Tuberose D] Cosmos
27. Which annual is most susceptible to frost-
A] Hollyhock B] Aster
C] Pot marigold D] Salvia
28. Micro-irrigation system is much efficient for-
A] Grape B] Banana
C] Coconut D] All of them
29. Black Tip of mango is much prominent in-
A] Ripening fruits B] Mature fruits
C] 6-8 weeks old fruits D] Fertilization stage
30. Sapota (Chiku) is native of-
A] India B] China
C] Iran D] Mexico
31. Regular pruning is needed in
A] Peach B] Strawberry
C] Guava D] Sapota
32. Which of the following is not true-
A] Mango-Drupe B] Guava-Berry
C] Pear-Pome D] Apple-Pepo
33. Synptonimal complex is observed in
A] During miosis I B] During miosis II
C] On completion of D] All
fertilization

Lignin

A complex substance which, associated with cellulose, causes the thickening of plant cell-walls and so forms wood.

Anterior

On the front side, away from the axis, toward the subtending bract.

Layering

A method of propagation, by which a branch of a plant is rooted while still attached to the plant by securing it to the soil with a piece of wire or other means..

Pendulous

hanging or drooping, can refer to plant form or parts, like branchlets or inflorescences

Label

A piece of paper, card, aluminium foil or other material attached to a plant, treatment or object to identify it or give instructions.

Striate

With fine longitudinal lines, channels or ridges.

Ray florets

The long, conspicuous florets that radiate from the center of an inflorescence.

Kb

An abbreviation for kilobase, denoting 100 base of DNA or 1000 bases of RNA.

Beaked

Ending in a point, especially on fruits.

Contractile roots

Thick end, fleshy roots that shorten and pull a bulb to a given level in the soil.

34. Heterostyly condition is observed in
A] Tomato B] Brinjal
C] Potato D] Chilli
35. Which annual is of Indian origin
A] Balsam B] zinnia
C] Phlox D] None
36. Japanese persimmon is originated in-
A] China B] Japan
C] Malaya D] S. Africa
37. 'Dashehari' mango is planted at a distance of 10 m, but 'Amrapalli' is planted at distance of-
A] 15 m B] 12 m
C] 5 m D] 2.8 m
38. *In-situ* grafting is practiced in-
A] Laboratory B] Planting site
C] Test tube D] Aerial parts
39. Novalonic acid is precursor of-
A] GA & ABA B] IAA & IBA
C] Ethylene & CCC D] Cytokinin & ABA
40. Which variety of rose is preferred as 'cut flower-
A] Sonia B] Montezuma
C] Super Star D] None of these
41. Acetic acid is present in
A] Nectar B] Sweet chutney
C] Vinegar D] Apple cider
42. Guava jelly is preserved by
A] Pectin B] Sugar
C] Na benzoate D] None
43. Sweet potato is primarily a crop of-
A] Tropical region B] Temperate region
C] Arid region D] None
44. Purple blotch is problem in
A] Okra B] Tomato
C] Onion D] Turmeric

45. The commercial tartaric acid is produced from-
A] Citrus B] Grape
C] Loquat D] Tamarindus
46. Bush pepper is produced from-
A] Runners B] Laterals
C] Top shoots D] Hanging shoots
47. *Polargonium graveolens* is propagated by
A] Hardwood cutting B] Semihardwood cutting
C] Herbaceous cutting D] Leaf cutting
48. Water melon is propagated by-
A] Seed B] Cutting
C] Tuber D] None
49. Large cardamom is propagated through-
A] Seed B] Cutting
C] Layer D] Sucker
50. Which organization is related to agricultural marketing
A] NAPHEd B] APEDA
C] NABARD D] All
51. Fruit which is rich in pectin & acid is
A] Jamun B] Apple
C] Pear D] Pomegranate
52. Which vegetable is rich source of Calcium
A] Amaranthus B] Cowpea
C] Potato D] Brinjal
53. Which fruit is rich source of fat
A] Amla B] Bael
C] Avocado D] All
54. Which vegetable is rich source of Vit. C (> 100 mg/100g)
A] Tomato B] Cabbage
C] Turnip D] Radish
55. Which crop is richest source of oil
A] Groundnut B] Castor
C] Sesamum D] Oil palm
56. Rice Gandhibug is scientifically known as
A] *Oresalia oryzae* B] *Leptocorisa acutae*
C] *Benesia taba* D] None

Corm

A solid, enlarged, fleshy underground stem, rounded in shape, composed of two or more internodes and covered externally by a few thin membranous scales
e.g., gladiolus, elephant's foot, saffron, etc.

Abscission

Dropping of leaves, flowers or fruit usually following formation of a layer of separate cells.

Pergola

Arbour, covered walk, formed of growing plants trained over trellis work.

Falcate

Sickle shaped.

Mucilaginous

Slimy.

Sorbitol

A white crystalline alcohol, found in certain fruits and berries and manufactured by the catalytic hydrogenation of sucrose; used as a sweetner and in the manufacture of ascorbic acid and synthetic resins.

Glabrous

Smooth.

Spatulate

Spoon shaped.

Subtending

Standing below.

Tumid

Swollen

Filimentous

Thread-like.

Comose

Tufted with hairs.

Valuable

Twining.

Torsion

Twisting

57. Rosette formation is seen due to deficiency of
A] Mn B] Zn
C] Cu D] Mo
58. Epigial germination is seen in
A] Cashew B] Rice
C] Jackfruit D] Citrus
59. Karnal bunt is serious disease of
A] Apple B] Wheat
C] Mango D] Tomato
60. Phomopsis blight is serious disease of
A] Tomato B] Brinjal
C] Chilli D] Onion
61. 'Shalimar Bagh' is situated in-
A] H.P. B] J&K
C] Assam D] Rajasthan
62. The ratio of NPK is starter solution should be-
A] 2:1:1 B] 1:2:1
C] 1:1:2 D] 1:2:2
63. Which annual is substitute for 'dry flowers'-
A] Holly hock B] Ice plant
C] Helichrysum D] Corn flower
64. Which plant is suitable for Bonsai making
A] Pinus roxburghi B] Hibiscus
C] Ixora D] All
65. Which month is suitable for pruning in peach
A] Early November B] Late December
C] Late November D] Early December
66. *Ficus lyrata* is the botanical name of-
A] Banyan B] Banzo tree
C] Rubber plant D] Pilkhan
67. *Allium porrum* is the botanical name of-
A] Shallot B] Leek
C] New Zealand spinach D] Asparagus
68. *Lagenaria siceraria* is the botanical name of-
A] Bitter gourd B] Pumpkin
C] Cucumber D] Bottle gourd

69. *Cyanopsis tetragonolobus* is the botanical name of-
 A] Cluster bean B] Winged bean
 C] Kidney bean D] Hyacinth bean
70. *Ipomoea batata* is the botanical name of-
 A] Lily B] Sweet Sultan
 C] Carrot D] Sweet Potato
71. *Lagerstroemia speciosa* is the botanical name of-
 A] Sawani B] Pride of India
 C] Kadamb D] Bottle brush
72. *Curcuma longa* is the botanical name of-
 A] Turmeric B] Ginger
 C] Tuberose D] Nutmeg
73. 'Palash' is the common name for
 A] *Plumeria alba* B] *Butea monosperma*
 C] *Cassia fistula* D] *Bauhinia vehil*
74. Indian ginseng is the common name of
 A] *Azadiracta indica* B] *Rauwolfia serpentina*
 C] *Hemidesmus indicus* D] None
75. Black stem is the disease of fruit crop
 A] Apple B] Mango
 C] Peach D] Litchi
76. Bitter pit is the disorder of
 A] Apple B] Pineapple
 C] Ber D] None
77. Which of the following is the fruit of family Anacardiaceae-
 A] Walnut B] Phalsa
 C] Carambola D] Cashewnut
78. Die back is the major disease of which flower crop
 A] Rose B] Chrysanthemum
 C] Carnation D] Marigold
79. Calyx splitting is the major problem in
 A] Orchid B] Rose
 C] Carnation D] Marigold

Distichous

Two ranked.

AbortiveUndeveloped;
rudimentary.**Ceriferous**

Waxy.

Flaccid

Wilted.

Spicate

With spikes.

Bristly

With stiff hairs.

FastigiateWith upright
branches.**Apetalous**

Without petals.

Incisedintermediate
between toothed
(dentate or
serrate) and lobed,
being a sharply
inward cut leaf
(the inward cuts
are called
incisions)

Objective Horticulture

Bitter glycoside of
olive (*Olea
europaea*).

A means of supplying additional light (usually in the middle of the dark period) to lengthen the photoperiod, used to keep short day plants in vegetative phase or to give additional light to the plants.

With supporting wings.

With unequal
sides.

A unit of weight, generally equal to 2,000 lb. Short ton : 2,000 lb, long ton 2,240 lb.

- 10

91. 'Breeder seed' is the source of-
 A] Certified seeds B] Nucleus seeds
 C] Foundation seeds D] Registered seeds
92. Arka abir is the var of
 A] Brinjal B] Cucurbit
 C] Tomato D] Chilli
93. Pusa deepati is the var of
 A] Brinjal B] Pumpkin
 C] Okra D] Chilli
94. Arka navneet is the var of
 A] Brinjal B] Tomato
 C] Okra D] None

Matching

95. Match the following :-
 A] Hazelnut i] Anacardiaceae
 B] Chestnut ii] Corylaceae
 C] Pistachionut iii] Oleaceae
 D] Pecan iv] Fagaceae
 E] Olive v] Juglandaceae
96. Match the followilig :-
 A] Rosaceae i] Gooseberry
 B] Actinidiaceae ii] Cherry
 C] Ericaceae iii] Walnut
 D] Saxifragaceae iv] Cranberry
 E] Juglandaceae v] Kiwiberry
97. Match the following-
 A] Quince i] Nut
 B] Sapota ii] Pome
 C] Mulberry iii] Sorosis
 D] Rambutan iv] Capsule
 E] Carambola v] Berry
98. Match the following :-
 A] Big ovary i] Pseudo short styled flowers
 B] Medium size ovary ii] Cross pollination
 C] Rudimentary ovary iii] Medium styled flowers
 D] Long styled brinjal iv] Self-pollination
 E] Medium & True short v] Long styled flowers
 styled brinjal

Chromatin

A complex between DNA, histones and other proteins and chromosomal RNA which make the chromosomes.

Stolon

along with runners, horizontal stems involved in vegetative propagation; a horizontal stem (usually just above, at, or below ground level) that roots at its tip and gives rise to a new plant; similar to runners

Millerandage

A disorder of grape, in which the ovary persists but the seed remain small or do not attain the usual size.

Dormant

Also called as resting, inactive, quiescent. Applied to buds when they are not actively growing and to plants when they are not in leaf.

Armed

With pines (barberry, Japanese quince) or prickles (brambles). Leaves that are pungent at the tip or around the margin (holly), are not included in this limited definition.

Disarticulating

Falling away by abscission, leaving a clean cut scar, as with most leaves, many flowers, some twig tips, etc.

Ciliate

Hairy on the margin, like the eyelids.

99. Match the following :-

- | | |
|-----------------------------|----------------------|
| A] <i>Annona squamosa</i> | i] Sour sop |
| B] <i>Annona reticulata</i> | ii] Sweet sop |
| C] <i>Annona muricata</i> | iii] Bullock's heart |
| D] <i>Annona cherimola</i> | iv] Atemoya |
| E] <i>Annona atemoya</i> | v] Lakshaman Phal |

100. Match the following :-

- | | |
|-----------------|---------------|
| A] Chlorophyll | i] Pumpkin |
| B] Carotenoids | ii] Potato |
| C] Anthocyanins | iii] Red beet |
| D] Flavonoids | iv] Cabbage |
| E] Betalains | v] Apple |

101. Match the following :-

- | | |
|-------------|------------------|
| A] Curcumin | i] Bougainvillea |
| B] Lahar | ii] Rose |
| C] Thimma | iii] Potato |
| D] Y2-K | iv] Turmeric |
| E] Browning | v] Chrysanthemum |

102. Match the following :-

- | | |
|--------------------------|---|
| A] Dioecious papaya | i] Responsible for maleness papaya |
| B] Gynodioecious papaya | ii] Madhu Bindu, Washington, Pusa Giant |
| C] M_1 (dominant gene) | iii] Responsible for 'femaleness' in papaya |
| D] M_2 (dominant gene) | iv] Pusa Majesty, Coorg Honey Dew, CO-3 |
| E] m (recessive gene) | v] Responsible for 'hermaphroditism' |

103. Match the following :-

- | | |
|----------------------|---------------------|
| A] Elephant foot yam | i] Alliaceae |
| B] Asparagus | ii] Chenopodiaceae |
| C] Leek | iii] Convolvulaceae |
| D] Yam | iv] Malvaceae |
| E] Spinach | v] Araceae |
| F] Lettuce | vi] Compositae |
| G] Sweet potato | vii] Dioscoreaceae |
| H] Knolkhol | viii] Liliaceae |
| I] Okra | ix] Euphorbiaceae |
| J] Tapioca | x] Cruciferae |

104. Match the following :-

- | | |
|-----------------------|-------------------|
| A] Herbaceous cutting | i] Bryophyllum |
| B] Hard wood cutting | ii] Jack fruit |
| C] Leaf cutting | iii] Guava |
| D] Seed propagation | iv] Litchi |
| E] Veneer grafting | v] Grape |
| F] Mound layering | vi] Ber |
| G] Marcottage | vii] Rose |
| H] Ring budding | viii] Jamun |
| I] Shield budding | ix] Chrysanthemum |
| J] Polyembryonic seed | x] Mango |

105. Match the following :-

- | | |
|----------------------|---------------|
| A] Mulching | i] Tomato |
| B] Evergreen | ii] Brinjal |
| C] Radial Cracking | iii] Chili |
| D] Epilachna beetle | iv] Olive |
| E] Male sterile line | v] Strawberry |
- (G-2)

106. Match the following :-

- | | |
|------------------|-------------------|
| A] Mushroom (PG) | i] Mint |
| B] Menthol | ii] Ginger |
| C] Nutmeg | iii] Seed spice |
| D] Rhizome | iv] Edible fungus |
| E] Fennel | v] Tree spice |

107. Match the following :-

- | | |
|-----------------|----------------|
| A] October | i] Grape |
| B] Dec. January | ii] Coconut |
| C] River bed | iii] Muskmelon |
| D] Aridzone | iv] Potato |
| E] Sea coast | v] Phalsa |

108. Match the following :-

- | | |
|-------------------|------------------------|
| A] Powdery mildew | i] <i>P. thium</i> sp. |
| B] Colocasia | ii] Guava |
| C] Die-back | iii] Pomegranate |
| D] Granulation | iv] Cucurbits |
| E] Fruit cracking | v] Citrus |

Nageire

A style of Ikebana, meaning literally "thrown in" where tall upright vases are used for making the arrangements and flowers with sufficient stem length are held in the vases by bar fixtures.

Jam

A preserved fruit food, mixture of fruit and sugar cooked to the consistency of a gel, firm enough to hold fruit tissues. Contains fruit pulp and hence not clear.

Woolly

Having long, soft, more or less matted or tangled hairs; like wool.

Rosin

A product of resin, obtained when turpentine (from pine trees) is distilled.

Break

New lateral shoot, often developed following removal of apical dominance by pinching.

Bract

a modified leaf, often small and associated with leaves or inflorescences, but sometimes large and showy

Milky sap

Whitish in color, often thicker than water.

Achene

A dry, indehiscent, one-seeded fruit.

Catkin

A scaly, cylindrical, pendulous, unisexual spike of flowers *e.g.* mulberry, birch, acalypha, etc.

109. Match the following :-

- | | |
|----------------|-----------------------------------|
| A] Pusa Nanha | i] Selection from Honey Dew |
| B] Coorg Honey | ii] Hybrid of CO-2 x Sunrise Solo |
| C] CO-1 | iii] Inbred selection of Ranchi |
| D] CO-3 | iv] Mutation bred papaya |
| E] CO-4 | v] Hybrid of CO-1 x Washington |

110. Match the following :-

- | | |
|--------------------------------|----------------------|
| A] Self-barrenness | i] M-12 |
| B] Earliest rootstock of Apple | ii] Apricot |
| C] Tallest rootstock of Apple | iii] Rymer |
| D] Cooking Apple | iv] M-7 |
| E] Indigenous Apple | v] Bramley's Seeding |

111. Match the following :-

- | | |
|--------------------------------------|--|
| A] Self-compatible cvs | i] Lucknow Seedless (lemon), Clementine (mandarin) |
| B] Self-incompatible cvs | ii] Nagpur Santra (mandarin) |
| C] Male-sterile (No viable pollen) | iii] Marsh (grape fruit), Eureka & Lisbon (lemon) |
| D] Female-sterile (No viable stigma) | iv] Washington Naval, Satsuma |
| E] Pollinizers for Pant Lemon-1 | v] Italian and Nepali oblong lemon |

112. Match the following :-

- | | |
|-------------------|------------------------|
| A] Shield budding | i] Grape |
| B] Cutting | ii] Epicotyle grafting |
| C] Seed | iii] Mound layering |
| D] Guava | iv] Aonla |
| E] Mango | v] Jack fruit |

113. Match the following :-

- | | |
|-------------------|---------------------------|
| A] Sterilization | i] Raisin & Dates |
| B] Carbonation | ii] Canning |
| C] Dehydration | iii] Jam & Jelly |
| D] Fermentation | iv] Fruit juice beverages |
| E] Sugar addition | v] Vinegar |

114. Match the following :-

- | | |
|-----------------|-----------------|
| A] Turmeric | i] Crosin |
| B] Black pepper | ii] Bark Spice |
| C] Saffron | iii] Panniyur-2 |
| D] Coriander | iv] Seed spice |
| E] Cinnamo | v] Sudarshan |

115. Match the following :-

- | | |
|--------------------------------|--------------------|
| A] Gardening in India | i] W.B. Hayes |
| B] Vegetable Crops of India | ii] S.L. Jindal |
| C] Fruit Growing in India | iii] M.S. Randhawa |
| D] Flowering Shrubs in India | iv] B.P. Pal |
| E] Beautiful Climbers of India | v] K.S. Yawalkar |

116. Match the following :-

- | | |
|-----------|--------------|
| A] CITH | i] Bikaner |
| B] ICMR | ii] Srinagar |
| C] NRCAZH | iii] Calicut |
| D] ICAR | iv] Lucknow |
| E] ISRI | v] New Delhi |

True / False

- | | |
|---|-----|
| 117. Apple is known as 'King of temperate fruits'. | T/F |
| 118. Cashewnut & banana are rich source of Vit-B ₁ . | T/F |
| 119. Dr. B.P. Pal was an eminent rose breeder. | T/F |
| 120. Kanchan and Krishna are varieties of ber. | T/F |
| 121. Spongy tissue of mango is a viral disease. | T/F |
| 122. The fruit of potato is botanically berry. | T/F |
| 123. Tip rot/ <i>Koeli</i> is a disorder of mango. | T/F |
| 124. Vegetables are alkaline in nature. | T/F |
| 125. Agrosan-GN is suitable for treating nursery beds. | T/F |
| 126. C.M.R.S. is situated at Lucknow. | T/F |
| 127. Coffee belongs to family Rubiaceae. | T/F |
| 128. Fruits are rich source of vitamins. | T/F |

Carotenoids

A group of yellow, orange and orange-red fat-soluble pigments present in plant parts. These are either hydrocarbons or its derivatives and are composed of isoprene units. Carotenoids occur in different forms like, carotene, lycopene, lutein, violaxanthin, neoxanthin, capsanthin, bixin, xanthophyll, etc.

Trophy

An arrangement of colourful, potted plants which may be annual or herbaceous perennials.

Flower induction

An unobservable, preparatory step that occur prior to visible flower bud initiation.

Berry

A fleshy, indehiscent, pulpy, multi-seeded fruit resulting from a single pistil.

Stellate

Arranged like a star, radiating, as leaves surrounding a stem in a whorl.

Villous

Having long, soft, shaggy hairs that are not matted.

Tendrils

The twisting, clinging, slender growth on many vines, which allows the plant to attach themselves to a support or trellis.

Spongy

Irregularly interrupted by small, sometimes scarcely distinguishable cavities; porous.

129. in high density orcharding (H.D.O.) of pomegranate, planting distance should be 5x5m. T/F
130. Mughal Gardens are replica of informal style. T/F
131. Phalsa requires severe pruning for optimum yield. T/F
132. Red Delicious is an important variety of plum. T/F
133. Self-incompatibility in mango cvs like Dashehari, Langra, Chausa, Bombay Green has made easier the work of hybridization. T/F
134. Sweet potato is a modified stem. T/F
135. 'Chakaiya' aonla is suitable for Rajasthan. T/F
136. In datepalm male & female flowers appear on same plant. T/F
137. Kaliyanpur Bundeli is a variety of colocasia. T/F
138. Papaya is susceptible to waterlogging. T/F
139. Pectic acid is essential for jelly making. T/F
140. Pruning in rose is done in Dec.-Jan. T/F
141. Sweetness (low acid) in peaches is controlled by dominant gene. T/F
142. Vellaikolumban is a mango root stock. T/F
143. Alphonso is a variety of banana. T/F
144. Hermaphrodite or perfect flowers of mango are protogynous. T/F
145. Japanese garden is picturesque type of garden. T/F
146. Lettuce can be grown round the year in plains. T/F
147. Mango is known as 'king of trees'. T/F
148. Pomegranate is dioecious fruit plant. T/F
149. Powdery mildew is serious disease of grape. T/F
150. Tea belongs to family Theaceae. T/F
151. Tropical America is the origin place of tomato. T/F
152. Brown Turkey is root stock of fig. T/F
153. *Camellia japonica* tea is grown for ornamental purpose. T/F
154. Gibberellic acid and kinetin delays ripening process in mango. T/F

155. Nymphaeas are suitable for hanging basket. T/F
156. Phylloxera is a root louse of grape. T/F
157. Pineapple is propagated by cutting. T/F
158. Plant population is higher in Quincunx method. T/F
159. Pungency in onion is due to 'quercetin'. T/F
160. Stock-Scion incompatibility is found in citrus. T/F
161. Vindhya hills are ideally suited for apple growing. T/F
162. Garden pea and grapes are preserved by dehydration. T/F
163. Guava is commonly propagated by compound layering. T/F
164. Intensity orcharding was first time practised in apple. T/F
165. Kaolin is an antitranspirant. T/F
166. Pithiness in radish is developed due to 'B' deficiency. T/F

Fill in the Blanks

167. Mango and Citrus produces _____ seedlings.
168. Panama wilt is serious disease in _____
169. _____ produces seedless fruits.
170. Cabbage 'head' is modification of _____
171. Sweet potato is modification of _____
172. Muskmelon is _____ cucurbit.
173. Cucumber has _____ sex form.
174. Shield budding is practiced in _____
175. Roots of _____ are transplanted for seed production.
176. For seed production _____ of turnip are transplanted.
177. Guava is propagated by _____
178. Papaya plants are _____
179. _____ is important for setting of jelly.
180. _____ is important constituent of fruits of aonla.
181. Bael is rich source of _____
182. Alphonso is a variety of _____

Sphagnum

Also called moss peat, sphagnum moss. Species of moss found in marshes with the structure of leaves suitable for absorbing and retaining large amounts of moisture. Useful to nurserymen and florists for various purposes.

Variegated

A ground colour stripped, spotted or splashed with distinctly different colours.

Mucronate

Ending in a fine, slender tip.

Peduncle

A stem or stalk, supporting flower or fruit, especially the main stalk bearing solitary flower or subordinate stalks.

Petiolule

in compound leaves, the attachment structure between a leaflet and the stem-like structure of the compound leaf (rachis)

Drip line

On the ground, the line that marks the outer edge to which a tree's (or other plant's) branches spread.

The drip line usually signals a change in microclimate, where the area under the tree, which sees less precipitation, sunlight, and wind and may also be subject to competition from the tree's roots (*see root zone*), meets an area that isn't sheltered by the tree.

183. Chrysanthemum is propagated by _____
184. Mosaic is a disease of _____
185. _____ is practised, where is problem of scion-stock incompatibility.
186. Coconut has _____ sex form.
187. _____ is important constituent of fruits of mango & papaya.
188. Spongy Tissue disorder is found in _____
189. Seed variation is greatly observed in _____
190. KMS is used for _____ of fruit juice.
191. Papain is a/an _____
192. Papain is obtained from _____
193. Sweet potato is propagated by _____
194. Cauliflower 'curd' is modified _____
195. _____ is commercial method of mango propagation.
196. _____ is the most dangerous disease of potato.
197. _____ is the richest source of Vit-C.
198. _____ leads in total fruit production.
199. Guava contains _____ Vit-C in 100g pulp.
200. _____ is generic name of grape.

Tale of Success

There was a man who failed in business at the age of 21; was defeated in a legislative race at age 22; failed again in business at age 24; overcame the death of his sweetheart at age 26; had a nervous breakdown at age 27; lost a congressional race at age 34; lost a senatorial race at age 45; failed in an effort to become vice-president at age 47; lost a senatorial race at age 49; and was elected president of the United States at age 52. This man was Abraham Lincoln.

Would you call him a failure? He could have quit. But to Lincoln, defeat was a detour and not a dead end.

Script your success story