

UNIVERSITY OF AGRICULTURAL AND HORTICULTURAL SCIENCES, SHIVAMOGGA
COLLEGE OF HORTICULTURE, HIRIYUR
JRF TEST-FRUIT SCIENCE

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Choose the Answers

1. ~~X~~ Most widely adopted method of training in fruit crops is NA - 15
 a) Open centre ~~b) Modified leader~~ c) Central leader d) None ✓ - 3
2. ~~✓~~ Most serious disease of grapes is
 a) PM ~~b) DM~~ c) Wilt d) Anthracnose X - 2
3. ~~NA~~ Finest Mandarin variety in the world is
 a) Coorg b) Khasi c) Nagpur d) Satsuma
4. ~~X~~ Cashew nut is richest source of
 a) Carbohydrates b) Vitamin B ~~c) Vitamin K~~ d) Fat
5. ~~✓~~ India ranks first in production of
 a) Papaya b) Apple c) Citrus d) Grapes
6. ~~NA~~ Optimum storage temperature for Pear is
 a) -1 b) 5 c) 10 d) -10
7. ~~NA~~ Aleurone layer of a monocot seed has chromosome number of
 a) n b) 2n c) 3n d) 4n
8. ~~X~~ Parthenogenesis is found in
 a) Jamun b) Mangosteen c) Citrus ~~d) Grapes~~
9. ~~✓~~ Chema and Dhani was first observed spongy tissue of mango in.....
 a) 1920 b) 1820 ~~c) 1934~~ d) 1834
10. ~~✓~~ Among the annonaceous fruits which is the most favorite fruit in India
 a) Sour Sop ~~b) Custer Apple~~ c) Cherimoya d) Bullak Heart
11. ~~X~~ Malic acid is present in
 a) Apple b) Plum c) Cherry ~~d) All of the above~~
12. Citrumelo is derived from
 a) Trifoliolate Orange X Grape Fruit b) Trifoliolate Orange X Sweet Orange
 c) Trifoliolate Orange X Mandarin d) Trifoliolate Orange X Pummelo
13. ~~✓~~ Interveinial chlorosis in Apple is due to the deficiency of
 a) Mg b) Zn c) Cu d) Mb
14. ~~NA~~ J.H. Hale is a famous cultivar of
 a) Apple b) Pear ~~c) Peach~~ d) Plum
15. ~~✓~~ Satellite chromosomes controlin papaya
 a) Maleness b) Femaleness c) Both d) None
16. ~~✓~~ Louquat is strictlyfruit crop
 a) Tropical ~~b) Sub tropical~~ c) Temperate d) Semi Arid
17. ~~X~~ Banana streak virus is transmitted through.....
 a) Mealy Bugs ~~b) Aphids~~ c) Thrips d) Nematodes
18. ~~NA~~ Horticultural Society of India (HSI) was established in the year.....
 a) 1942 b) 1947 c) 1954 d) 1950
19. ~~X~~ Guava bears fruit probably inshoots
 a) Current Season ~~b) One year old shoot~~ c) Spur d) Very old shoots
20. ~~NA~~ Quince C is the root stock of
 a) Apple b) Peach c) Pear d) Plum
21. Peach comes into bearing afteryears of planting in the field

- a) 2 b) 3 c) 5 d) 7
 ✓ 22. The fruit crop which is devoid of root hairs is
 a) Mangosteen b) Kiwi c) Durian d) Persimon
 ✓ 23. Which of the following is fruit thickening growth regulator is
 a) IBA b) NAA c) ABA d) GA
 ✓ 24.fruit crop belongs to the group of sensitive to salinity (1.5-3 m mho/cm)
 a) Strawberry b) Pomegranate c) Apple d) Fig
 ✓ 25. Apple is a best example for.....
 a) Short day b) Day Neutral c) Long Day d) None

State True or False

- ✓ 1. Bullock's heart is more commonly found in South India than in North India *True*
 ✓ 2. Ascolano is a popular cultivar of Olive which is resistant to olive fly
 ✓ 3. All the cultivated varieties of strawberry are Octaploid *T*
 ✓ 4. The early drop in Apples is considered to be natural and occurs due to lack of pollination and fruit competition *T*
 ✓ 5. Acidlime (*Citrus aurantifolia*) is the third important fruit after mandarins and sweet oranges *T*
 ✓ 6. Apricot fruit tree bears alternate bearing habit *T*
 ✓ 7. Kiwi Fruit is a dioecious plant, it bears pistillate and staminate flowers separately *T*
 ✓ 8. Commercial propagation of Lemon is seed *T*
 ✓ 9. Most of the mango varieties in south are polyembryonic in nature and produces true-to-type seedlings *T*
 ✓ 10. Sweet oranges are the second largest citrus fruits being cultivated in India *T*
 ✓ 11. Cherimoya is restricted to Assam and hills of south India *T*
 ✓ 12. Albinism is a physiological disorder of strawberry *due to lack of fruit colour during ripening results in* *T*
 ✓ 13. Banarasi variety of Aonla is a late maturing, shy-bearing and good shelf-life *T*
 ✓ 14. About 80-85 days are required from fruit set to harvest in Passion fruit *T*
 ✓ 15. For propagation of Pine apples slips weighing about 500g are ideal *F*
 ✓ 16. Jackfruit (*Artocarpus heterophyllus*) is popularly known as the poor man's food *T*
 ✓ 17. Custard-apple is a cross-pollinated crop *(selfing)*
 ✓ 18. NA 6 A seedling selection of Francis *F*
 ✓ 19. Paja (*Prunus cerasoides*) is commonly used as a rootstock for sweet cherry *T*
 ✓ 20. Gamboge is characterised by yellow exudation of gum on the fruits and branches *T*
 ✓ 21. Apple varieties require 2,000-2,500 hours of chilling below 7°C during winter *F*
 ✓ 22. McIntosh is a late season cultivar of Apple *T*
 ✓ 23. Jamun fruits can be stored only up to 2 days at ambient temperature *T*
 ✓ 24. Neer Vazhai is most severe in Nendran bananas
 ✓ 25. Villafranca: It belongs to Eureka lemon group *True*

Fill in the blanks

1. The individual fruit weight of Mango var. Alphonso for export purpose is about 200-250 gms
2. Texas is the cultivar of Alphonso Date palm fruit crop
3. Sugar Apple is also called as Sitaphal, custard apple, & Sweet sop
4. Ratna variety of Mango is cross between Neelum × Alphonso and which is released from ICRISAT institute Veracruz
5. ~~X~~ Annona atemoya is a cross between Annona cherimola × Annona squamosa (only botanical names)
6. ~~X~~ Inflorescence type of trifoliolate orange is Cymose racemose
7. ~~X~~ Edible part of strawberry is Receptacle and achenes
8. ~~X~~ First mango hybrid developed from IARI is Pusa prabhakar (mallika)
9. ~~X~~ Application of NAA and planofix NAA-based compounds @ 10⁻¹⁰-20 ppm induces flowering in pineapple
10. Ruby is a hybrid from a 3-way cross between Ganesh × Kabul × Yercaud
11. ~~X~~ Gynodioecious varieties of Papaya are CO-3 and Pusa delicious
12. Introduced polyembryonic rootstocks of Mango are Simonds and Sabre
13. Winter Banana is a cultivar of Apple
14. ~~X~~ Ambrich is a cross between Ambri × Richard
15. June drop in Apples is caused by water stress and _____
16. ~~X~~ Apricot is trained to modified leader system of training
17. ~~X~~ Pollock, Simmond are belongs to purelle races of Avocados
18. ~~X~~ Amrithpani and Rasabale belongs to the genomic group of Banana is A4B
19. ~~X~~ Ber fruits are rich in vitamin A, C and B complex
20. ~~X~~ Severe pruning in Ber will be done during mar-April month
21. pinkberry is the major physiological disorder of Thompson Seedless and its clones
22. ~~X~~ Narendra Jamun 6 is released from CIAH, Bikaner
23. ~~X~~ Carambola or starfruit (*Averrhoa carambola*) is native to Indo-malaya
24. ~~X~~ Trifoliolate orange is used as donor source for _____ & _____ diseases
25. ~~X~~ Macadamia nut diploid chromosome number $2n =$ 48

GOOD LUCK