

PARUL UNIVERSITY
COLLEGE OF AGRICULTURE

B.Sc. (Hons.) Agriculture Winter 2019 - 20 Examination

Semester: 4

Date: 10/12 /2019

Subject Code: 20108253

Time: 2:00 pm to 4:30 pm

Subject Name: Production Technology for Fruit and Plantation crops

Total Marks: 50

Instructions

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

Q.1 Do as Directed.**A. Fill in the blanks. (Each of 0.5 mark)****(05)**

1. Which fruit is known as a "Tree of Heaven" _____.
2. Significance increase number of fruit per tree was noticed in mango by soil application of _____.
3. Fruit cracking physiological disorder is due to deficiency of _____.
4. _____ is the removal of low hanging branches which could hinder the orchard operations.
5. IBA stands for _____.
6. _____ is the removal of branches inside the tree which cross over the centre of the tree restricting the penetration of spray.
7. _____ Fruit is the rich source of pectin.
8. Botanical name of papaya is _____.
9. In mango specific gravity of most of the fruit is reaching between _____ and _____.
10. Commercially guava is propagated through _____.

B. Multiple choice type questions. (Each of 0.5 mark)**(10)**

1. Soft nose in mango is due to _____ deficiency.

| | |
|-------|-------|
| a) B | c) Mo |
| b) Ca | d) Zn |
2. Matured ripened ovary is known as a _____.

| | |
|-----------------|----------|
| a) Flower | c) Fruit |
| b) both a and c | d) NONE |
3. Amrapalli variety of mango is cross of _____.

| | |
|-----------------------|----------------------|
| a) Neelum × Dashehari | c) Neelum × Alphonso |
| b) Dashehari × Neelum | d) Alphonso × Neelum |
4. Which species of mango is completely free from fibre?

| | |
|------------------------|-----------------------|
| a) <i>M. mangifera</i> | c) <i>M. Decendra</i> |
| b) <i>M. indica</i> | d) NONE |
5. Which type of inflorescence present in mango?

| | |
|---------------------|--------------|
| a) Terminal panicle | c) Composite |
| b) Umbel | d) Spike |
6. Which fruit is known as a Bathroom fruit _____.

| | |
|-----------|------------|
| a) Banana | c) Mango |
| b) Papaya | d) Coconut |
7. Banana Bunchy top viral disease is transmitted through _____.

| | |
|-----------------|-----------|
| a) Aphid | c) Jassid |
| b) Both a and c | d) Thrips |
8. Madhu bindu is the variety of _____ crop.

| | |
|----------|-----------|
| a) Mango | c) Papaya |
| b) Ber | d) Amla |
9. Allahabad Safeda is the famous variety of _____ Fruit crop.

| | |
|------------|----------|
| a) Coconut | c) Apple |
| b) Guava | d) NONE |
10. Mallika hybrid variety of mango is cross of _____.

| | |
|-----------------------|----------------------|
| a) Neelum × Dashehari | c) Neelum × Alphonso |
| b) Dashehari × Neelum | d) Alphonso × Neelum |
11. _____ is the physiological disorder of mango.

| | |
|-----------------------|---------------------|
| a) Mango malformation | c) Soft nose |
| b) Spongy tissue | d) All of the above |

