| Seat No: | Enrollment No: |
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PARUL UNIVERSITY

COLLEGE OF AGRICULTURE

B.Sc. (Hons.) Agriculture Summer 2017 - 18 Examination

Semester: 4 Date: 28/05/2018 **Subject Code: 20108251** Time: 10:30am -01:00pm Subject Name: Production technology of spices, aromatics, **Total Marks: 60** medicinal and plantation crops **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 1.00 marks) (10)1. National Research Centre for seed spices is located at ______. 2. _____ spice belongs to family lauraceae.
3. _____ is aril spice. 4._____ is known as land of spices. 5. The chief constituent (chemical) of oil in ginger is . 6._____ is a by- product of coconut. 7. Indian spices Board is located at ______. 8.____ known as green gold. 9._____ Variety of ginger is introduced from Brazil and became more popular. 10.full form of ICRI **B.** Multiple choice type questions. (Each of 1.00 mark) (10)1. Which of the following crop comes under family zingibraceae c) Cardamom a) Turmeric b) Ginger d) All of these 2 Which of the following important chemical content of cumin a)Cuminol c)Diosgenin d)Limone b)Curcumine 3 Which of the following country is origin of Vanilla a) India c) Indonesia b) America d) Indo-Burma 4 Which part of plant use in clove a) Bark c) Fruit b) Unopened flower bud d) Rhizome 5 In which crop the leaves are not economical part? a) Citronella c)Vetiver b) Lemon Grass d)Palmarosa 6 In which plantation crop pruning is required? a) Cocoa c)Oilpalm d) None Of These b) Coconut 7 Which one is not consider as medicinal plant? a) Aloe c)Aonla

d)Vetiver

c)Apocyanceae

d)Solanaceae

b) Medicinal Yam

a)Malvaceae

b)Rosaceae

8 To which family Periwinkle belongs

| 9 The botanical name of Scented Rose is | | |
|--|-----------------------|------|
| a) Rosa indica | c) Rosa centifolia | |
| b) Rosa Edward | d) Rosa damacena | |
| 10Which of the following country is origin | n of Vanilla | |
| a) India | c) Indonesia | |
| b) America | d) Indo-Burma | |
| Q.2 Do as Directed. | | |
| A. Define the following. (Any five) | | (05) |
| 1. Aromatic plants | | (02) |
| 2.Curing | | |
| 3. Weeding | | |
| 4.Plantation crops | | |
| 5. Mulching | | |
| 6. Trashing | | |
| 7. Spice crops | | |
| B. Answer the following. (Any Five) | | (05) |
| 1.Why coconut is known as Kalpvriksha? | | (02) |
| 2. Why essential oils are produced by plan | nts? | |
| 3. Characteristics of rhizomes for turmeric | | |
| 4. Write Selection criteria for seed nut in oil | 1 1 0 | |
| 5. Why Black pepper is known as black gold? | • | |
| 6. Write botanical name of coconut, fennel, v | | |
| 7. Write family of black pepper, vanilla, opiu | | |
| Q.3 Write short notes. (Any five) | | (15) |
| 1. Write difference between dwarf and tall co | oconut | (15) |
| 2. Write processing method for dry ginger | | |
| 3. White difference of common and kasurime | | |
| 4. Write Selection criteria for mother palm, s | | |
| 5. Explain fertilizer and irrigation application | | |
| 6. Uses of spices and aromatic crops. | in contandor | |
| o. eses of spices and aronadic crops. | | |
| Q.4 Attempt any Three Long Questions | | (15) |
| 1. Enlist processing methods for white peppe | r and explain any one | , , |
| 2. Write production technology of Cardamon | | |
| 3. Write production technology of Oil palm. | | |
| 4. Write production technology of Opium. | | |
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