

Topical and sub tropical vegetable

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*Model Paper 2015 with 2nd
hourly*

Mid-term Examination (B.Sc. First year)
HPV-200 (Tropical and Sub-tropical Vegetables)

Max. Time: 1 hr.

Max. Marks: 15

4.5

Part-I (Objective)-5 Marks

Q 1 Fill in the blanks: (5 x 0.25=1.25)

1.25

- 1) Snap bean/kidney bean is botanically known as Phaseolus vulgaris
- 2) Cow pea legume vegetable is known as vegetable meat.
- 3) Phaseolus ambiginosus is the progenitor of French Bean.
- 4) Low temperature and high humidity promotes Female flowers in cucumber.
- 5) Cucurbit crop suitable for river bed cultivation is Pusa purple long (cucumbers)

Q 2 Choose the most appropriate answer: (5 x 0.25=1.25)

0.75

- 1) Yard long bean is botanically known as:
 - a) *V. U. ssp. Cylindrica* b) *V. U. ssp. mensensis* c) *V. U. ssp. sesquipedalis* d) None of these
- 2) Which of the following is known as "Four angled bean"?
 - a) French Bean b) Cow pea c) Winged Bean d) Lima Bean
- 3) Centre of origin of 'Lima bean' is:
 - a) India b) South America c) Africa d) Guatemala
- 4) 'Guar Gum' is extracted from:
 - a) Cowpea b) Snap Bean c) Cluster Bean d) Lab-lab bean
- 5) Tetraploid (4x) species of amaranthus is:
 - a) *Amaranthus tricolor* b) *Amaranthus dubius* c) *Amaranthus blitum* d) *Amaranthus viridis*

Q 3 Write down whether the statement is true or false? (5 x 0.25=1.25)

1.25

- 1) Cool nights and warm days are ideal for accumulation of sugars in melons. (True)
- 2) Hypocotyl necrosis in French bean is caused due to low 'B' level in the seed. (False)
- 3) Lima bean is oftenly-cross pollinated legume vegetable. (True)
- 4) Gynocercous lines are used for hybrid seed production in cucumber. (True)
- 5) Bush and pole type of beans have indeterminate and determinate growth habit, respectively. (False)

Q 4 Match the following? (5 x 0.25=1.25)

1.25

1. Pusa Parvati	a. Triploid watermelon
2. Pusa Sanyog	b. Winged bean
3. Butter bean	c. Cucumber
4. Vegetable of 20 th century	d. Lima bean
5. Pusa Bedana	e. X-ray mutant variety of French bean

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