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Total Number of Pages: 02

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B.PHARM
15PH203

2nd Semester Regular / Back Examination 2016-17
PHARMACOGNOSY- I
BRANCH:

Time: 3 Hours
Max Marks: 100
Q.CODE: Z587

Answer Part-A which is compulsory and any four from Part-B.
The figures in the right hand margin indicate marks.

Part – A (Answer all the questions)

Q1 Answer the following questions: *multiple type or dash fill up type* **(2 x 10)**

- a) Tannins are nitrogenous substances (True/False)
- b) Family of Podophyllum (Berberidaceae/Burcerace)
- c) Percentage of organic matter in Poor soil (Less than 0.5%/More than 0.5%)
- d) Family of Honey (Bovidae/Apidae)
- e) Family of Castor oil (Flacourtiaceae/Euphorbiaceae)
- f) Magnesium is a secondary nutrient. (True/False)
- g) Family of Benzoin. (Rubiaceae/Styraceae)
- h) Capsicum is an Oleo-gum resin. (True/False)
- i) Stomata are present in roots. (True/False)
- j) Family of Balsam of Tolu (Liguminosae/Moraceae)

Q2 Answer the following questions: *Short answer type* **(2 x 10)**

- a) What is Soil fertility?
- b) Define Pest. bput question papers visit <http://www.bputonline.com>
- c) Define Vein termination number.
- d) Write two functions of Auxin.
- e) Write the chemical constituents of Guar gum.
- f) What is Hybridization?
- g) Write the biological source of Kokum butter.
- h) Write the uses of Pectin.
- i) Write the biological source of Ginger.
- j) What is Vegetative Propagation?

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Part – B (Answer any four questions)

- Q3** a) Write details about the history, development and scope of Pharmacognosy. (10)
b) Classify crude drugs. (5)
- Q4** a) Describe about the different types of adulterants with examples in details. (10)
b) Differentiate organized and unorganized drug. (5)
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- Q5** a) Describe the detail and systematic Pharmacognostic study of Isabgol. (10)
b) Write the Biological source, Chemical constituents and Uses of Myrrh. (5)
- Q6** a) Write the Biological source, Chemical constituents and Uses of Jalap and Gambir. (10)
b) Write notes on Goldbeater's Skin test. (5)
- Q7** a) Write details about Secondary metabolites of plant origin with their properties. (10)
b) Write the Biological source, Chemical constituents and Uses of Bees wax (5)
- Q8** a) Describe any two methods of Pest control management. (10)
b) Write a note on Morphological evaluation of crude drugs. (5)
- Q9** a) Write the applications of Gibberellin and Cytokinin. (10)
b) Write a short note on Mutation. (5)

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