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SARDAR PATEL UNIVERSITY

B.Sc. EXAMINATION SEMESTER VI CODE : US06 CBOT 03

SUBJECT : BOTANY (PHARMACOGNOSY)

DATE : 1/4/2016 FRIDAY TIME : 2.30 TO 5.30 TOTAL MARKS : 70

Q. 1 Multiple Choice questions .

10

- 1 Scientific name of Tragacanth is :
(a) *Allium cepa* (b) *Astrogalus gummifer*
(c) *Azadirachta indica* (d) *Gelidium amnasti*
2. Which one of the following is known as Bengal quince ?
(a) Amla (b) Behra (c) Arjuna (d) Bael
3. Which one of the following drug is used in to assist delivery and reduce post partum haemorrhage?
(a) Ergot (b) Nuxvomica (c) Ephedra (d) Nutmeg
4. Which drug is added to chewing gums, chocolate, candy, snuff etc ?
(a) Aloe (b) Bael (c) Tylophora (d) Glycyrrhiza
5. Which one of the following drug is used for skin disease ?
(a) Arjuna bark (b) Aloe (c) Acacia (d) Bael
6. Flax is obtained from :
(a) Bael (b) Camphore (c) Linseed (d) Nutmeg
- 7 Antimalarial and Antipyretic drugs are obtained from :
(a) Cinchona bark (b) Nuxvomica (c) Behra (d) Amla
- 8 "Hyoscyamine" is obtained from :
(a) Stramonium (b) Satavari (c) Gokhru (d) Brahmi
- 9is used as an ingredient of the Ayurvedic formulation "Triphala"
(a) Cannabis (b) Ginger (c) Myrobalan (d) Turmeric
- 10 "Cocaine" is obtained from :
(a) Root (b) Stem (c) Leaf (d) Flower

Q. 2 Answer in short (Any ten) .

20

- 1 Define : Drug evaluation
 2. Uses of Isapgol
 3. Write the botanical source and chemical constituents of Honey
 4. Uses of Satavari .
 5. Uses of Arjunabark.
 - 6 Write the botanical name and chemical constituents of Chirata
 - 7 Uses of Fennel
 - 8 Uses of Nutmeg
 - 9 Give two examples of volatile oil containing drugs
 - 10 Uses of Turmeric
 - 11 Uses of Ephedra
 - 12 Preparation of Charas
- Q. 3 (A) Write botanical source, chemical constituents and uses of Starch 6
(B) Discuss drug adultration in brief 4

OR

- Q. 3 (A) Morphological classification of drugs 7
(B) Discuss term : Pharmacognosy 3

- Q. 4 Write botanical source, chemical constituents and uses of
(I) Digitalis 6
(II) Brahmi 4

OR

- Q. 4 Write botanical source, chemical constituents and uses of
(I) Senna 5
(II) Mustard 5

- Q. 5 Write Pharmacological note in brief on :
(I) Clove 5
(II) Cinnamon bark 5

OR

- Q. 5 Write a Pharmacological note in brief on :
(I) Cardamom 5
(II) Castor oil 5

- Q. 6 Write a Pharmacological note on Asafoetida 10

OR

- Q. 6 Write a Pharmacological note on Amla 10

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(2)