C.U.SHAH UNIVERSITY Winter Examination-2015

Subject Name : Botany-I

Subject Code :4SC01BOC1

Branch : B.Sc (Chemistry)

Semester : 1 Date :4/12/2015 Time :10:30 To 1:30 Marks : 70

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
- (2) Instructions written on main answer book are strictly to be obeyed.
- (3) Draw neat diagrams and figures (if necessary) at right places.
- (4) Assume suitable data if needed.

Q-1	Attempt the following questions:	(14)
a)	Define taxonnomy	1
b)	Define herbarium	1
c)	Define permanant tissue	1
d)	Enlist types of phyllotaxi	1
e)	Define Infloroscence	1
f)	Draw a diagram of monochasial cyme and catkin infloroscence	1
g)	Enlist type of stomata.	1
h)	What is flower aestivation?	1
i)	Enlist componants of flower.	1
j)	Write down componants of flower formula of leguminoaceae family.	1
k)	What is pedicillate flower?	1
l)	What if difference between unisexual flower and bisexual flower?	1
m)	What are actinomorphic flower?	1
n)	Draw a diagram of leaf showing its all componants.	1

Q-2		Attempt all questions	(14)
	Α	Explain types of permanent tissue in detail with diagram	7
	В	Explain types meristematic tissue based on origin and position.	7
Q-3		Attempt all questions	(14)
	Α	Explain Bentham and Hooker classification in brief.	7
	В	Explain herbarium preparation with its advantages.	7

Page 1 || 2



Q-4 A B	Attempt all questions Explain stomata and their function with a diagram. Explain Five kingdom classification of Plant.	(14) 7 7
Q-5	Attempt all questions	(14)
	Explain phyllotaxis in detail. Explain basic componants of flower in detail with diagram.	7
Q-6	Attempt all questions	(14)
	Explain types of racemose inflorescence in detail with diagram. Explain cymose and special type of inflorescence.	7
Q-7	Attempt all questions	(14)
-	Explain types of fruits in detail.	7
	Explain Leguminoaceae family in detail.	7
Q-8	Attempt all questions	(14)
-	Explain anatomy of Dicot stem with diagram.	7
	Explain anatomy of monocot root with diagram.	7



