	2015-2016 BOTANY Annual Examination
	Section-A
	(Multiple Choice Question (MCQ's)
Q.1	Choose the correct answer for each from the given options:
(i)	Closely related taxonomic families are grouped together into:
(ii)	(a) Species (b) Genus (c) Order (d) Class
(ii)	"Capsid" is amde up of protien sub-units known as: (a) Capsidomers (b) CApsomers (c) Capomers (d) Protomers
(iii)	Most bacterial cell-wall has:
()	(a) Peptigo-Glycan (b) Peptido-Glycan (c) Pepide-Glycan
	(d) Septido-Glycan
(iv)	Example of symbolotic bacteria:
	(a) Rhizobium radicicola (b) Pnerumo coccus
2.0	(c) Vibrio cholera (d) Pisum sativum
(v)	The most distinguishing character between Algae and Plants:
	(a) Cell-wall (b) Chloropyll-b (c) Formation of Embryos
(10)	(d) Habitat
(vi)	Aspergillus flavus produce carcingenic toxin called: (a) Aflatoxin (b) Neurotoxin (c) Haemoatoxin (d) Mycotoxin
(vii)	(a) Aflatoxin (b) Neurotoxin (c) Haemoatoxin (d) Mycotoxin Taxonomic family in which ovary is obliquely placed:
(*)	(a) Solanaceae (b) Rosaceae (c) Poaceae (d) Caesalpinaceae
(viii)	"Nucellus" is the part of:
	(a) Spore (b) Gamete (c) Ovule (d) None of these
(ix)	ATP synthesis in the presence of light is called:
	(a) Oxidative phosphorylation (b) Reductive phosporylation
	(c) Photo-phosphorylation (d) Hydro-phosphorylation
	Section-B
	(Short Answer)
Note:	Answer any TEN of the following questions. Each question carries 02 marks.
Q.2	Why CYANO-BACTERIA were previsouly called BLUE-GREEN ALGAE and now
-	cyano-bacrtena?
Q.3	Why slime and water-molds are not included in Kingodm Fungi, when they resembel
0.4	with fungi?
Q.4	What are main snage of TWO KINGDOM SYSTEM?
Q.5	Write down th names of eight (08) Parastic and Camivores plants all together.
Q.6	Why ATP formation during Glycolysis is called Substrate level phosphorylation?
Q.7	Why stomata open during day and close at night?
Q.8	Define any TWO of the following: Parasexuality Aplanospore Antenna-Complex - Translocation
Q.9	Parasexuality Aplanospore Antenna-Complex - Translocation Distinguish between any ONE of the following in tabulated form.
۵.0	Virus and Viroid Ulva spororophyte and Ulva Gametophyte
Q.10	Give floral formula of family Solanceae and Poaceae.
Q.11	Why Protoctista is considered as diverse group of living organisms?
Q.12	How flow of energy in ecosystem is uni-directional?
Q.13	Why MYCORRHIZAE are important for higher plants?
Q.14	Why protoplasm shrinks during plasmolysis and expands during Deplasmolysis?
	Section-C
Mate.	(Descriptive Answer)
Note:	The state of the s
Q.15	What is Bacteriophage? How does it reproduce completely within the host cell?
Q.16	Support your answer with neat and labeled diagram.
Q. 10	What are Angiosperm? Describe the floral characters and economic importance of family Fabaceae?
Q.17	What is Photorespiration ? Why it occurs in piants? What happens to plants due to
	photorespiration? How plants adap themselves to avoid photorespiration?
	in the state of th