60215

ROLL No.

TEST BOOKLET No.

147

### TEST FOR POST GRADUATE PROGRAMMES

#### BOTANY

Time: 2 Hours

Maximum Marks: 450

## INSTRUCTIONS TO CANDIDATES

- You are provided with a Test Booklet and an Optical Mark Reader (OMR) Answer Sheet to mark your responses. Do not soil the Answer Sheet. Read carefully all the instructions given on the Answer Sheet.
- 2. Write your Roll Number in the space provided on the top of this page.
- Also write your Roll Number, Test Code, and Test Subject in the columns provided for the same on the Answer Sheet. Darken the appropriate bubbles with a Ball Point Pen.
- The paper consists of 150 objective type questions. All questions carry equal marks.
- 5. Each question has four alternative responses marked A, B, C and D and you have to darken the bubble corresponding to the correct response fully by a Ball Point Pen as indicated in the example shown on the Answer Sheet.
- 6. Each correct answer carries 3 marks and each wrong answer carries 1 minus mark.
- Space for rough work is provided at the end of this Test Booklet.
- 8. You should return the Answer Sheet to the Invigilator before you leave the examination hall. However, you can retain the Test Booklet.
- 9. Every precaution has been taken to avoid errors in the Test Booklet. In the event of any such unforeseen happening, the same may be brought to the notice of the Observer/Chief Superintendent in writing. Suitable remedial measures will be taken at the time of evaluation, if necessary.



# BOTANY

1.		one among the following g weed-killer?"	rowth	hormones is considered as
	(A) (B)	Gibberellin 2-4-dichlorophenoxyacetic	acid	
	(C) (D)	Abscisic acid Cytokinin		•
2.	Two stra	ands of DNA are		
	(A) (B) (C) (D)	Parallel and complementary Non-complementary and and Complementary and anti-pa Parallel and non-complementary	ti-para rallel	llel
3.	, ,	evidence of the aquatic ance	-	f bryophytes is
	(A) (B) (C) (D)	<u>~</u>	tic	
4.	•			ation in legume root nodules
	(A) (C)	Bile pigment Rhizoglobin	(D) (B)	Leg-hemoglobin Hemoglobin
5.		ion of sporophyte from a t sexual fusion is called	veget	tative portion of prothallus
us m	(A) (C)	Apogamy Apomixis	(B) (D)	Apospory Apocarpy
6.	Which	division of the fungi is comm	nonly l	known as club fungi?
	(A) (C)	Oomycota Deuteromycota	(B) (D)	Zygomycota Basidiomycota

7.	Freon g	as responsible for ozone depl	etion	contains
	(A) (B)	Bromine, nitrogen, carbon Chlorine, argon, hydrogen Fluorine and oxygen		
	(C) (D)	Eluaring obloring and carbo	n	remains of living
8.	Which species	of the following habitats fo	rm the	e highest diversity of living
	(A) (C)		(B) (D)	Grass land Tropical rain forest
9.	Sounds	above what level are consid	ered a	s hazardous noise pollution?
		> 30 db > 120 db	(B) (D)	> 80 db > 100 db
10.	Mycorr	hiza is an association betwee	n plan	t roots and
	(A) (C)	Algae Fungi	(B) (D)	Nematodes Bacteria
11.,	The stro	ongest chemical bond between	n ator	ns in solution is
	(A) (C)	Covalent Hydrogen bond	(B) (D)	Ionic van der Waal's force
12.	UV-ray	s kill bacteria by		
	(B) (C) (D)	generating heat damaging nucleic acids inhibiting protein synthesis damaging cytoplasmic mer	nbrane	
13.	In the Tinto	TCA cycle, the carbon atoms	cont	ained in acetate are converted
	(A) (C)	Lactic acid Glycerol	(B) (D)	Glucose



14.	The end p	product of glycolysis	is	
	(A) (	Glucose	(B) (	Oxaloacetate
	( )	x-ketoglutarate		Pyruvate
15.	Red tides	are caused by which	n of the follow	ing groups of organisms?
	(A)	Algae	(B)	Fungi
		Helminths.		Bacteria
16.	Which or	ne among the follow	ing communiti	es is the most productive?
	(A)	Temperate forests	(B)	Tropical forests
		Savannas	(D)	Wetlands
17.	Which o	f the following is the	e newest taxon	omic unit?
	(A)	Strain	(B)	Order
	(C)	Species	(D)	Domain
18.	The clas	sification given by I	Bentham and H	ooker is
	(A)	Natural	(B)	Phylogenetic
	(C)	Artificial	(D)	Numerical
19.	In Aster	raceae family the cor	ndition of the a	ndroecium is
	(A)	Monadelphous	(B)	Synandrous
	(C)	Syngenesious	(D)	Polydelphous
20.	Water	molecules are assoc	iated with each	other due to the presence of
	(A)	Hydrogen bonds	(B)	Covalent bonds
	(C)	Ionic bonds	(D)	Van der Waal's forces
21.	Alga us	sed for the construct	ion of sound p	roof room is
	102002 128		(B)	
	(A)	Laminaria	(D)	Part Contract Contrac

22.	Fern pla	ants are		
		Annual Control of the	(B)	Hydrophytes
		Mesophytes	(D)	hitec
	(C)	Xerophytes	8 5	
23.	Which	of the following plant se	eeds are use	ed as jeweller's weight?
				Abrus precatorius
	100	Lens culinaris	(B)	Glycine max
	(C)	Cajanus cajan	(D)	Glycine max
24.	Which	element is essential for	photolysis o	of water?
	(A)	Chlorine	(B)	Sodium
	(C)	Calcium	(D)	todat w w
	(-)		<b>\</b>	
25.	Water	soluble vitamins are		
	(A)	Vitamin C and D	(B)	Vitamin A and C
	(C)	Vitamin A and D	(D)	Vitamin B and C
26.	Which plants	one among the following order of decreasing re	ng sets con lative size o	rectly arranges types of land of the gametophytes?
	(A)			
	(B)			
	(C)	1993 (1994)		
	(D)	Gymnosperms, ferns	and mosses	
27.	The tri	plet codons are located	in	
	(A)	t-RNA	(B)	* Day.
	(C)		(D)	r-RNA
	(-/		(D)	m-RNA
28.	Protein	n part of the enzyme is		4
	(A)	Prosthetic group	(B)	A
	(C)	100 mm	(D)	Apoenzyme
	S3900 - 13			Zymogen



29.		Most important advantage of genetic engineering over conventional plant breeding is				
	(B) (C) (D)	transfer of desirable char no species barrier in gen- transgenic crop can be cr it involves modern techn genotype	e transfer reated in l	aboratory rapid development of a crop		
30.	Cleistog	amous flowers are				
	(A) (B) (C) (D)	unisexual flowers that op- male flowers opens first bisexual flowers which ropen bisexual flowers	and femal	le later		
31.	In angiosperms, cleavage polyembryony is of common occurrence in					
	(A) (C)	Anacardiaceae Rutaceae	(B) (D)	Santalaceae Orchidaceae		
32.		of the following genus gymnosperms and angio		ered as an evolutionary link		
	(A)	Sequoia	(B)	Gnetum		
	(C)		(D)	Liriodendron		
33.	The ma	in atmospheric layer near	the surfac	ce of the earth is		
	(A)	Troposphere	(B)	Mesosphere		
	(C)	Ionosphere	(D)	Stratosphere		
34.	The mo	ost common fusogen is				
	(A) (C)	Sodium nitrate Polyethylene glycol	(B) (D)	Polyvinyl alcohol Dextron sulphate		
				8		

	The cambium present within a vascular bundle is
35.	The cambium present within a vascular (B) Lateral cambium
	(A) Interfascicular cambium (B) Lateral cambium (C) Meristematic cambium
	(C) Intrafascicular cambium (D) Meristematic science
36.	Virion is
	(A) Nucleic acid of virus
	(B) Protein of virus
	(C) Antiviral agent
	(D) Completely assembled virus outside host
37.	Commercial coir is prepared from which part of coconut?
	(D) Mesocaro
	(A) Epicarp (A) All pericarp layers
	(C) Endocarp (D) All pericarp layers
38.	The semi-autonomous cell organelles are
	(A) Mitochondria and chloroplasts
	(B) Mitochondria and ribosomes
	(C) Chloroplasts and ribosomes
	(D) Nucleolus and chloroplasts
39.	Pythium belongs to the class
37.	No division in the second seco
	(A) Chytridiomycetes (B) Oomycetes
	(C) Hypochytridiomycetes (D) Zygomycetes
40.	Which inflorescence is of determinate growth?
	(A) Receme (B) Spike
	(C) Cyme (D) Panicle
41.	During photochemical reactions which of the below mentioned biomolecules are produced?
	(A) NADP and ATP (B) NADH and ATP
	(C) NADPH and ATP (D) FADH and ATP
	(a) the second of the second of the



42.	Saffron is	produced from		
	( /	Roots of <i>Indigofera</i> Petals of <i>Rosa</i>	(B) (D)	Stamens of <i>Hibiscus</i> Style and stigma of <i>Crocus</i>
43.	The alga	which serves as very rich	source o	of protein is
	A 100 (100 (100 (100 (100 (100 (100 (100	Spirulina Laminaria	(B) (D)	Nostoc Senedesmus
44.	Fungi wh	nich can grow on living ho	st plant	are called
		Obligate saprophyte Facultative parasite	(B) (D)	Obligate parasite Saprophyte
45.	DNA mo	olecules can be split at a g	iven poi	nt by
	(A) (C)	restriction endonucleases exonucleases	(B) (D)	nucleotide hydrolases nucleotransferases
46.	The boo	k "Outline of classificatio	n of flow	vering plants" was written by
	(A) (C)	Cronquist Takhtajan	(B) (D)	Hutchinson Thorne
47.	Biodive	rsity is essential to the hea	dth of th	e environment because
	(A)	each species is able to	adapt	to its unique niche in the
	(B) (C)		e chemic and wat	ed including medicinal plants cal and climatic systems that er
48.			als enter	rs living organisms primarily ks or soil?
	(A) (C)	Carbon Sulphur	(B) (D)	Calcium Phosphorus

49.	Which c	of the following is good for s	taining	g proteins?
49.	(A) (C)	DAPI Ethidium bromide	(B) (D)	Coomassie blue Safranin
50.	Plants a	ppear green because of		
	(A) (C)	green light is not absorbed photosynthetic pigments	(B) (D)	presence of plastids accessory pigments
51.	Which	of the following is the ploidy	level	of common wheat?
	(A) (C)	Diploid Hexaploid	(B) (D)	1.14
52.	Which of phot	of the following lists containsynthesis?	ins all	the ingredients and products
	(A) (B) (C) (D)	Carbon dioxide, water, oxy Oxygen, nitrogen, water ar Phosphorus, water, carbon Carbohydrates, water, nitro	d carb dioxid	ohydrates le and oxygen
53.	Presen	ce of trichomes on plant leav	res	
	(A) (B) (C) (D)	prevents guttation reduces transpiration	hange	*
54.	In pad	dy grain the reserve food ma	terials	are stored in
	(A) (C)		(B) (D)	Politi
55.	The m	ost common fungal partner	in liche	ens belong to
	(A)		(D	The state of the s



56.	Metaboli	c water is produced	d during the pro	ocess of
	(A)	Photosynthesis	(B)	
	(C)	Respiration	(D)	Biosynthesis of proteins
57.	Plants prare terms		inate and pistil	ate flower on the same plant
	(A)	Monoecious	(B)	Dioecious
	100	Heteroecious .	(D)	Dichogamous
58.	Asafoeti	ida is a		
	(A)	Tannin	(B)	Oleoresin
	(C)	Latex	(D)	Gum resin
59.	The larg	gest reservoir of car	bon is the	,
	(A)	Soil	(B)	Atmosphere
	(C)	Ocean	(D)	Vegetation
60.		ing to Darwin's may be the result o		lution, differences between
	(A)	the disuse of body	structures	
	(B)	the transmission of	of acquired char	racteristics
	(C) (D)	natural selection mutations		
61.	Coenoc	cytic mycelium occ	urs in the mem	bers of
	(A)	Ascomycetae	(B)	
	(C)	Deuteromycetae	(D)	Phycomycetae
62.	Nutriti	ous milk is produce	ed from the seed	ds of
	(A)	Vicia faba	(B)	
	(C)	Lablab purpureu	s (D)	Cyamopsis tetragonoloba

63.	The fer	nale reproductive structur	e in many	lichens is called as
	(A) (C)	Carpogonium Ascogonium	(B) (D)	Oogonium Ascomata
64.	The flag	gellum is made up of		
	(A) (C)	Proteins Lipopolysaccharides	(B) (D)	Lipoproteins Mucopeptides
65.	Bacteria	a differ from higher plant	cell in lac	king the
	(A) (C)	Ability to respire Capacity to divide	(B) (D)	True nucleus Ability to absorb water
66.	Bacteri	a, in which flagella are fo	ound all o	ver the body wall are known
	(A) (C)	Gram positive Atrichous	(B) (D)	Gram negative Peritrichous
67.	The gro	oup of plants referred as 'a	mphibian	s' of plant kingdom is
	(A) (C)	Bryophytes Liverworts	(B) (D)	Mosses Hornworts
68.	The typ	e of alternation of genera	tion show	n by bryophytes is
	(A) (C)	Isomorphic Pleomorphic	(B) (D)	Heteromorphic Polymorphic
69.	Which	of the following has the la	argest gan	netophyte?
	(A) (C)	Selaginella Oryza	(B) (D)	Pinus Funaria



70.	Heteros	pory is the production of		
	(A) (B) (C) (D)	Sexual and asexual spores Large and small spores Haploid and diploid spores Diploid and tetraploid spores	S	
71.	Selagin	ella is		
	(A) (B) (C) (D)	Homosporous and monoec Heteorsporus and dioecio Homosporous and dioecio Heterosporous and dioecio	ious us	
72.	When termed		ighout	their whole length, they are
,	(A) (C)	Syngenesious Gynandrous	(B) (D)	Connivent Synandrous
73.	Plant w	hich shows circinate venation	on of le	aves is
	(A) (C)	Moss Fern	(B) (D)	Pine Pothos
74.	Angios	perms differs from gymnosp	erms in	1
	(A) (B) (C) (D)	being smaller in size being evergreen having ovules enclosed in	ovary	
75.	Generi	c name of red wood tree is		
	(A) (C)	The second of th	(B) (D)	Pinus Sequoia

				c Consess			
76.	Which of the following is not the characteristic feature of Cycas?						
	(A)	Circinate venation Girding leaf traces	(B) (D)	1 in willem			
77.	The win	g of Pinus seed is derived f	rom				
	(A) (C)	Bract scale Ovuliferous scale	(B) (D)	Seed coat Cone axis			
78.	Scientifi	ic name of pigeon pea is	*				
	(A) (C)	Lens culinaris Pisum arvense	(B)	Cajanus cajan Pisum sativum			
79.	The leaf	f of Lemna is a					
	(A) (C)	Phyllode Leaf only	(B) (D)	Phylloclade Leaf and stem			
80.	Tendrils	s of pea plant are modified					
	(A) (B) (C) (D)	axillary buds stipules terminal leaflets of compo- aerial roots	und lea	f			
81.	The ma	in axis of the inflorescence	is elong	gated in a			
	(A) (C)	Corymb Cyathium	(B) (D)	Capitulum Catkin			
82.	The ma	jor role of a flower in the li	fe of a	plant is to			
	(A) (B) (C)	and the second s	ion	¥			



83.	Large co	oloured structures in Box	ugainvilled	a are
	(A) (C)	Bracts Petals	(B) (D)	Stamens Sepals
84.	When s	some plants produce a	more than	one type of flowers, the
		Heterostyly Heteromorphism	(B) (D)	7.0
85.	A caryo	psis is a fruit		
	(B)	that does not have a fruit which the fruit wall a which is fleshy and conthat dehisces to expose	and the see stains many	y seeds
86.	Explosi	ve fruits are formed in		*
		Cinchona Alstonia	(B) (D)	Geranium Boerhaavia
87.	In a flo	wering plant, largest nur	nber of hap	oloid cells occur in the
		Ovule Root tip		Microsporangium Cambium
88.	In flow	ering plants, the male ga	metes are	formed by the
	(A) (C)	Generative cell Pollen tube	(B) (D)	Vegetative cell Uninucleate micropore
89.	A polle	ngrain represents		
	(A) (C)	a male gametophyte a male sporophyte	(B) (D)	

90.	If the poll	entube enters the ovule thr	ough t	he funiculus, it is known as
	(A) F	Porogamy Mesogamy	(B) (D)	Chalazogamy Heterogamy
91.	Double fe	ertilisation means		
	(B) (C) (D)	fusion of two polar nuclei fusion of the sperm nucleus	with t	the egg nucleus and fusion
92.	The oute	ermost layer of the endosper	m of n	naize seeds is called
	(A) (C)	Epidermis Aleurone	(B) (D)	Perisperm Tunica
93.	Rumina	te endosperm is found in		
	(A) (C)	Brassica Myristica	(B) (D)	Allium
94.	The phe	enomenon of polyembryony	was fi	rst observed in
	(A) (C)	Mangifera Citrus	(B) (D)	Cucurbita Euphorbia
95.	The first	st great plant taxonomist is		
	(A) (C)	Hooker Linnaeus	(B) (D)	Engler Aristotle



96.		rs drawn ition in see				mainly	used	as	basis	for
	(B) (C) (D)	flowers sho flowers are flowers are reproductive parts	preser	ved easily work wi	th		e than	the	vegeta	ıtive
97.	The Nati	ional Botan	ical Re	esearch In	stitute	(NBRI)	is loc	ated	at	
	` '	New Delhi Lucknow			(B) (D)	Dehra Darjee				
98.	Which one of the following yields valuable timber?									
	*	Acacia ara Mangifera			(B) (D)		rgia si pis spe		era	
99.	The pla	nt body of I	Parkins	onia cont	ains					
	(A) (C)	Phylloclad Cladoes	les		(B) (D)	The second of th		*		
100.	The tho	rns of Acad	cia repr	esent mod	lified					
	(A) (C)	Axillary b	oud bud		(B) (D)			7/29		
101.	The me	dicinally in	nportai	at part of	Citrull	us colos	ynthus	is		
	(A) (C)	Root Fruits			(B) (D)		er buds es	S		
102.	Cucurb	itaceae me	mbers	are						•
	(A) (C)	Herbs Twiners		N.	(B)					

103.	The flow	er of Liliaceae is		
	(C) '	Dicyclic Tetracyclic	(B) (D)	Tricyclic Pentacyclic
104.	Which o	one among the following?	is the	largest family of the plant
	0.50	Compositae Gramineae	(B) (D)	Leguminosae Orchidaceae
105.	The Indi	an rubber plant belongs to	the fam	ily
		Euphorbiaceae Asclepiadaceae	(B) (D)	Moraceae Sapotaceae
106.	Banana	reproduces through	21	
	(A) (C)	Underground suckers Seeds	(B) (D)	
107.	The leav	ves in Tiliaceae are general	ly	
	(A) (C)	Alternate and stipulate Alternate and exstipulate	(B) (D)	
108.	From w	hich part of Cinchona, quir	nine is	extracted?
	(A) (C)	Roots Bark	(B) (D)	Seeds Fruits
109.	Which	of the following crop occup	oies hig	ther acreage in India?
	(A) (C)	Jowar Bajra	(B) (D)	Wheat Rice
110.	The cha	aracteristic smell in garlic i	s due t	o
	(A) (C)	An alkaloid Diallyl disulphide	(B)	, IIII



111.	Clove o	il is obtained from		
	, ,	Arachis Syzygium	' '	Carthamus Myrtus
112.	A typica	al prokaryotic cell is found i	n	
797		Nostoc Aspergillus	(B) (D)	Ulothrix Pteris
113.	The two	main components of plasm	a mem	brane are
		Lipids and protein Lipids and carbohydrates		Lipids and triglycerides Proteins and steroids
114.	Nucleu	s is absent in		
		Green algae Lichens	(B) (D)	Fungi Bacteria
115.	Mitoch	ondria are absent in		
	(A) (C)	Yeast Bacteria	(B) (D)	Fungi Green algae
116.	Respira	ntory enzymes are localised i	in	
2	(A) (C)	Ribosomes Mitochondria	(B) (D)	Chloroplasts Tonoplast
117.	Golgi b	oodies originate from		
	(A) (B) (C) (D)	Plasma membrane Mitochondria Endoplasmic reticulum Cytoplasm		

118.	Cilia ai	re produced by		
	(A)	Centrioles	(B)	Peroxisomes
	18		(D)	
	(C)	Dictyosomes	(D)	Golgi oosy
119.	Cambii	um causes growth in		
	(A)	length	(B)	circumference
	(C)	width	(D)	leaves
120.	Collena	chyma differs from sclerence	hyma ii	n
	(A)	retaining protoplasm at m	aturity	
	(B)			•
	(C)	having wide lumen		
	(D)			
121.	The tiss	sue that forms the major pa	art of th	e primary structure of plants
	(A)	Parenchyma	(B)	Prosenchyma
	(C)	Collenchyma	(D)	Sclerenchyma
122.	Vessels	differ from tracheids		
	(A)	In being living		
	(B)	0 0	f a sing	le cell
	(C)	In that they consist of a vidissolved	ertical r	ow of cells with cross- walls
	(D)	Because they conduct wat	er	
123.	Stomata	a are guarded by		
	(A)	Sclereids	(B)	Subsidiary cells
	(C)	Palisade cells	(D)	Epidermis Epidermis
124.	Phloem	parenchyma is absent in	. ,	
			(T)	71
	(A)	Dicot root	(B)	Dicot leaf
	· (C)	Monocot stem	(D)	Dicot stem



125.	Seconda	ry growth is usually fou	nd in	
		Monocot stem Dicot stem Dicot stem and monoco Dicot root and monoco		
126.	The trur	nk of a tree increases in	girth becau	ase of the activity of
	(A) (C)	Vascular tissue Meristematic tissue	(B) (D)	Dermal tissue Supporting tissue
127.	Water 6	enters into root hair mair	aly due to	,
	(A) (C)	•	(B) (D)	atmospheric pressure osmotic pressure
128.	The rat	e of transpiration is high	when	
	(A) (B) (C) (D)	light is very dim the atmosphere is dry the temperature is low	and the ten	nperature is high midity is high
129.		s of plants become intens		
	(A) (B) (C) (D)	excess of magnesium	chioropiasu	S .
130.	Which	n one of the following sta	atement is	true?
	(A (B (C	All higher plants nav	e chloroph; not have o	cells yll in all cells chlorophyll in all cells ye chlorophyll in all ce

Both lower and higher plants have chlorophyll in all cells

(D)

131.	Which on	Which one of the following is a total root parasite?							
	(A) (	Orobranche Loranthus	(B) (D)	Cuscuta					
132.	Carbon d	ioxide is not liberat	ted during						
	(B) (C) (D)	Respiration of fats Respiration of orga Anaerobic respirati Incomplete oxidation	on on of carbohyd						
133.	Which directly?		plants cannot	t fix atmospheric	nitrogen				
	(A) (C)	Pea Horse gram	(B) (D)	Bean Castor					
134.	Growth	rate is maximum du	uring						
	(A) (C)	Exponential phase Stationary phase	(B) (D)						
135.	Auxins	are							
	(A) (C)	Andrew Committee and the Committee of th		Proteins Cell osmolytes					
136	Thigmo	stropism is the respo	onse of plants to	5					
	(A) (C)	Gravity Light	(B) (D)	Water Touch					
137	. The flo	wering responses c	an be changed l	by	*				
\$7	(A) (B) (C) (D)	Induced mutation Photoperiodic treating Injection of enzyments Somatic hybridization	atment nes						
	570 570			*6					



138.	The term	synecology refers to the st	tudy o	f
	(A)	Plant community	(B)	Individual organism
	(C)	Environment	(D)	AND 1 AND 1970AV 12 TO 1981
			(D)	Marriadar species
139.	Building	g blocks of the nucleic acids	are	
	(A)	Amino acids	(B)	Nucleoproteins
	(C)	Nucleotides ·	(D)	Nucleosides
140.	RNA is	synthesised from DNA temp	plate i	n the
	(A)	Nucleus	(B)	Vacuoles
	(C)	Cytoplasm	(D)	Chromosomes
141.		m through regulation of	growth	and differentiation in an
	(A)			
	(B)		m	
	(C) (D)	Transcription and translation		
	<b>3</b> (5)	-b store of the cell division i	is the 1	number of chromosomes best
142.	ln which		is uio i	number of emoniosomes best
	(A)	Prophase	(B)	Metaphase
	(C)		(D)	Anaphase
143.	The p	henomenon permitting exch	ange	of chromosome segments is
	(A)	Linkage	(B) (D)	Crossing over Recombination
	47	Segregation	(2)	
144	. The in	iflorescence of Syzygium is a		
	(A)	Cyme	(B) (D)	Raceme Spike
	(C)	Panicle	(2)	- P-M-

145.	The leav	es of Verbanaceae are ge	enerally	
	S 35 1	Stipulate and simple Stipulate and pinnate	(B) (D)	Exstipulate and simple Exstipulate and palmate
146.	Chromo	some is composed of		
		DNA	(B)	Protein
	(C)	RNA	(D)	DNA and proteins
147.	The nuc	cleolus is chemically com	posed of	
	(A)			
	(B)	RNA and DNA only		
	(C)	DNA and protein only		
	(D)	Nucleic acids, proteins	and phosp	holipids
148.	Chrysa	nthemum multiplies vege	tatively by	1
	(A)	Runners	(B)	Suckers
	(C)	And the state of t	(D)	Corms
149.	Scienti	ific name of millet is	*	8
	(A)	Triticum aestivum	(B)	Zea mays
	(C)	- I - I - I - I - I - I - I - I - I - I	(D)	Eleusine coracana
150.	Protein	n content is very high in the	he seeds o	f
	(A)	Barley	(B)	Mustard
	(C)		(D)	Pea