

Vivekanand College, Kolhapur (Autonomous).

B. Sc. II Botany Semester III

DSC-7C Section I:

"Taxonomy
and Embryology"

* Indicates required question

1. Email *

2. Students Name: *

3. Roll Number: *

4. 1. _____ are the accessory whorl. *

Mark only one oval.

- a) Calyx & corolla
- b) Androecium & Gynoecium
- c) Stigma & style
- d) anther & pollen



5. 2. The phenomenon of formation of microspores is known as _____, *

Mark only one oval.

- a) Megasporogenesis
- b) Microsporogenesis
- c) Sporogenesis
- d) Pollen germination

6. 3. The innermost layer of anther wall is called as _____, *

Mark only one oval.

- a) Endothecium
- b) Epidermis
- c) Tapetum
- d) Parietal layer

7. 4. The lowermost swollen part of carpel is called _____, *

Mark only one oval.

- a) Style
- b) Stigma
- c) Gynoecium
- d) Ovary

8. 5. The stalk of ovule is _____, *

Mark only one oval.

- a) Raphe
- b) Hilum
- c) Funicle
- d) Chalaza



9. 6. In female gametophyte, pollen tube enters through _____, *

Mark only one oval.

- a) Chalaza
 b) Micropyle
 c) Raphe
 d) Integument

10. 7. _____ ovule is called as straight ovule. *

Mark only one oval.

- a) Orthotropous
 b) Anatropous
 c) Circinotropous
 d) Amphitropous

11. 8. Embryo sac is _____ structure. *

Mark only one oval.

- a) 7-celled & 8 nucleated
 b) 7-celled & 7 nucleated
 c) 8-celled & 8 nucleated
 d) 5-celled & 7 nucleated

12. 9. Most of the angiospermic plants have _____ type ovule. *

Mark only one oval.

- a) Orthotropous
 b) Anatropous
 c) Circinotropous
 d) Amphitropous

13. 10. _____ is a protective covering of the embryo sac. *

Mark only one oval.

- a) Integument
 b) Epidermis
 c) Epiblema
 d) Tegma

14. 11. The information of any one taxon is available in _____. *

Mark only one oval.

- a) Manuals
 b) Reference book
 c) Monograph
 d) Flora

15. 12. The handbook was written on related subject is known as _____. *

Mark only one oval.

- a) Manuals
 b) Flora
 c) Monograph
 d) reference book



16. 13. _____ is useful in providing information for identification of name of species found in an area. *

Mark only one oval.

- a) Flora
 b) Manuals
 c) Monographs
 d) Catalogues

17. 14. The recent information about taxon is given in _____, *

Mark only one oval.

- a) Book
 b) Flora
 c) Journals
 d) Reference book

18. 15. e - flora is known as _____, *

Mark only one oval.

- a) Electric flora
 b) Electronic flora
 c) Elastic flora
 d) Electrostatic flora

19. 16. Intine of pollen grain composed of _____, *

Mark only one oval.

- a) Lipid and protein
 b) Cellulose and pectin
 c) pectin and lignin
 d) lignin and cutin

20. 17. The exine of a pollen grain is made of _____, *

Mark only one oval.

- a) Pectin and cellulose
 b) Sporopollenin
 c) Pollenkit
 d) Lignocellulose

21. 18. Pollination which occurs in closed flower is known as _____, *

Mark only one oval.

- a) Allogamy
 b) Cleistogamy
 c) Protogyny
 d) None of the above

22. 19. Insect pollinated flowers usually possess _____, *

Mark only one oval.

- a) Dry pollens with smooth surface
 b) Sticky pollens with rough surface
 c) Large quantities of pollen
 d) Brightly coloured pollens



23. 20. Pollen grains of flowers pollinated by insects or wind are not *

Mark only one oval.

- a) Large and showy
- b) Rough and sticky
- c) Smooth and dry
- d) Rough and dry

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Head
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Vivekanand College
Kolhapur

टाइमस्टॅप	ईमेल ॲड्रेस	गुणसंख्या	1. Heterocyst is present in	2. Polio is	3. TMV stands for	4. Mucor belongs to the class
19/11/2020 20:56:33	sohanpatil.kop@gmail.coi	30 / 50	Nostoc	Viral	Tobacco Mosaic Virus	Zygomycotina
19/11/2020 20:59:29	mayurkatale1886@gmail.	38 / 50	Nostoc	Viral	Tobacco Mosaic Virus	Zygomycotina
19/11/2020 21:09:35	kolivivek20@gmail.com	34 / 50	Nostoc	Viral	Tobacco Mosaic Virus	Zygomycotina
19/11/2020 21:12:46	srp21101998@gmail.com	38 / 50	Nostoc	Viral	Tobacco Mosaic Virus	Zygomycotina
19/11/2020 21:18:48	Priyaritadsouza@gmail.c	34 / 50	Nostoc	Viral	Tobacco Mosaic Virus	Zygomycotina
19/11/2020 21:19:11	manasvi8613@gmail.com	34 / 50	Nostoc	Viral	Tobacco Mosaic Virus	Zygomycotina
19/11/2020 21:23:50	sumitnavale4145@gmail.	38 / 50	Nostoc	Viral	Tobacco Mosaic Virus	Zygomycotina
19/11/2020 21:24:00	shradhakshirsagar01@g	36 / 50	Nostoc	Viral	Tobacco Mosaic Virus	Zygomycotina
19/11/2020 21:24:37	abhilashayadav1609@g	32 / 50		Viral	Tobacco Mosaic Virus	Zygomycotina
19/11/2020 21:25:12	sakshipatil73825@gmai	38 / 50	Nostoc	Viral	Tobacco Mosaic Virus	Zygomycotina
19/11/2020 21:27:15	patilshubham1834@gmai	30 / 50	Nostoc	Viral	Tobacco Mosaic Virus	Zygomycotina
19/11/2020 21:27:53	pratapchaluche99@gmai	30 / 50	Spirogyra	bacterial	Tobacco Mosaic Virus	
19/11/2020 21:29:29	pratikshasurya2001@gm	38 / 50	Nostoc	Viral	Tobacco Mosaic Virus	Zygomycotina
19/11/2020 21:29:52	kunaldarvan9292@gmai	34 / 50	Nostoc	Viral	Tobacco Mosaic Virus	Zygomycotina
19/11/2020 21:30:18	pratikshapange301@gm	34 / 50	Nostoc	Viral	Tobacco Mosaic Virus	Zygomycotina
19/11/2020 21:30:24	shubhamshivatankar@g	40 / 50	Nostoc	Viral	Tobacco Mosaic Virus	Zygomycotina
19/11/2020 21:32:36	awaledayasagar@gmail.c	28 / 50	Nostoc	fungal	Tobacco Mosaic Virus	Zygomycotina
19/11/2020 21:34:05	pratapchaluche99@gmai	30 / 50	Spirogyra	bacterial	Tobacco Mosaic Virus	Ascomycotina
19/11/2020 21:39:05	kamblemanoj175@gmail.	38 / 50	Nostoc	Viral	Tobacco Mosaic Virus	Zygomycotina
19/11/2020 21:41:48	adityabagade38989@gm	24 / 50	Nostoc	Viral	Tobacco Mosaic Virus	Zygomycotina
19/11/2020 21:43:16	chaitralishinde8888@gm	42 / 50	Nostoc	Viral	Tobacco Mosaic Virus	Zygomycotina
19/11/2020 21:44:24	deshmukhharshwardhan	42 / 50	Nostoc	Viral	Tobacco Mosaic Virus	Zygomycotina
19/11/2020 21:47:02	bhushanpatil1834@gmai	38 / 50	Nostoc	Viral	Tobacco Mosaic Virus	Zygomycotina
19/11/2020 22:25:09	gauravkumbhar06@gmai	30 / 50	Spirogyra	Viral	Tobacco Mosaic Virus	Zygomycotina
19/11/2020 22:32:23	bandivadekarprasad@g	38 / 50	Nostoc	Viral	Tobacco Mosaic Virus	Zygomycotina
19/11/2020 22:48:10	pprasadpappu@gmail.coi	36 / 50	Nostoc	Viral	Tobacco Mosaic Virus	Zygomycotina
20/11/2020 01:52:23	swarajpatil2283@gmail.c	36 / 50	Padiana	Viral	Tobacco Mosaic Virus	Zygomycotina
20/11/2020 01:54:02	Swarajpatil22823@gmai	36 / 50	Padiana	Viral	Tobacco Mosaic Virus	Zygomycotina



5. -----type of ribosom	6. Sexual reproduction is	7. Asexual reproduction is	8. -----is fructico	9. Agar-Agar is obtained f	10. The Scalariform conju	11. Latin word viron mean
70S	Nostoc	Conidia	Usnea	Gracillaria	Spirogyra	Poison
70S	Nostoc	Conidia	Graphis	Gracillaria	Spirogyra	Poison
70S	Nostoc	Conidia	Usnea	Gracillaria	Spirogyra	
70S	Nostoc	Conidia	Parmela	Gracillaria	Spirogyra	Poison
70S	Nostoc	Conidia	Xanthoria	Gracillaria	Spirogyra	Poison
70S	Nostoc	Conidia	Xanthoria	Gracillaria	Spirogyra	Poison
70S	Nostoc	Conidia	Usnea	Gracillaria	Spirogyra	Poison
70S		Conidia		Gracillaria	Spirogyra	Poison
70S	Nostoc	Conidia	Usnea	Gracillaria	Spirogyra	Poison
70S	Nostoc	Conidia	Usnea	Gracillaria	Spirogyra	Poison
70S	Nostoc	Conidia	Usnea	Gracillaria	Spirogyra	Poison
70S	Nostoc	Conidia	Parmela	Gracillaria	Spirogyra	Poison
70S	Nostoc	Conidia		Gracillaria	Spirogyra	Poison
70S	Nostoc	Conidia		Gracillaria	Spirogyra	Poison
70S	Nostoc		Usnea	Gracillaria	Spirogyra	Poison
70S	Nostoc	Conidia	Xanthoria	Gracillaria	Spirogyra	Poison
70S	Nostoc	Conidia	Usnea	Gracillaria	Oedogonium	Poison
70S	Nostoc	Conidia	Parmela	Gracillaria	Spirogyra	Poison
90S	Nostoc	Conidia	Xanthoria	Gracillaria	Spirogyra	Poison
70S	Nostoc	Conidia	Usnea	Gracillaria	Oedogonium	Hormone
70S	Nostoc	Conidia	Usnea	Gracillaria	Spirogyra	Poison
70S	Nostoc	Conidia	Usnea	Gracillaria	Spirogyra	Poison
70S	Nostoc	Conidia	Usnea	Gracillaria	Spirogyra	Poison
70S	Nostoc	Conidia	Xanthoria	Gracillaria	Spirogyra	Poison
70S	Nostoc	Conidia	Usnea	Gracillaria	Spirogyra	Poison
70S	Nostoc	Conidia	Usnea	Gracillaria	Spirogyra	Poison
70S	Nostoc	Conidia	Usnea	Gracillaria	Spirogyra	Poison
70S	Nostoc	Conidia	Usnea	Gracillaria	Spirogyra	Poison
70S	Nostoc	Conidia	Usnea	Gracillaria	Spirogyra	Poison



vision man

12. The mode of life in lichens	13. Cottony white, branch	14. Pteridophytes differ from	15. Cycas is -----	16. Spores of pteridophytes	17. Coralloid roots of Cycas	18. The male gametes of
Symbiotic		Vascular tissues	Dioecious	Haploid	Apogeotropic	Biflagellate
Symbiotic	Mucor	Vascular tissues	Dioecious	Haploid	Apogeotropic	Monoflagellate
Symbiotic	Mucor	Vascular tissues	Dioecious	Haploid	Apogeotropic	Biflagellate
Symbiotic	Penicillium	Vascular tissues	Dioecious	Haploid	Apogeotropic	Biflagellate
Symbiotic	Penicillium	Vascular tissues	Dioecious	Haploid	Apogeotropic	Biflagellate
Symbiotic	Mucor	Vascular tissues	Dioecious	Haploid	Positively geotropic	Biflagellate
Symbiotic	Mucor	Vascular tissues	Dioecious	Haploid	Apogeotropic	
	Mucor	Vascular tissues	Dioecious	Haploid	Positively geotropic	Biflagellate
Symbiotic	Mucor	Vascular tissues	Dioecious	Haploid	Positively geotropic	Biflagellate
Symbiotic	Penicillium	Vascular tissues	Dioecious	Diploid	Chemotropic	Biflagellate
Symbiotic	Aspergillus	Vascular tissues	Dioecious	Haploid	Chemotropic	Biflagellate
Symbiotic	Mucor	Vascular tissues	Dioecious	Haploid	Apogeotropic	Multiflagellate
Symbiotic	Mucor		Dioecious	Haploid	Apogeotropic	Biflagellate
Symbiotic	Mucor	Vascular tissues	Dioecious	Haploid	Apogeotropic	
Symbiotic	Aspergillus	Vascular tissues	Dioecious	Haploid	Phototropic	Biflagellate
Symbiotic	Aspergillus	Vascular tissues	Dioecious	Haploid	Chemotropic	Biflagellate
Symbiotic	Mucor	Vascular tissues	Dioecious	Haploid	Apogeotropic	Monoflagellate
Symbiotic	Aspergillus	Motile gametes	Dioecious	Haploid	Apogeotropic	Biflagellate
Symbiotic	Mucor	Vascular tissues	Dioecious	Haploid	Apogeotropic	Biflagellate
Symbiotic	Mucor	Vascular tissues	Dioecious	Haploid	Apogeotropic	Biflagellate
Symbiotic	Mucor	Vascular tissues	Dioecious	Haploid	Apogeotropic	Biflagellate
Symbiotic	Rhizopus	Motile gametes	Dioecious	Haploid	Chemotropic	Biflagellate
Symbiotic	Mucor	Vascular tissues	Dioecious	Diploid	Positively geotropic	Biflagellate
Symbiotic	Mucor	Vascular tissues	Dioecious	Diploid	Positively geotropic	Biflagellate
Symbiotic	Mucor	Vascular tissues	Dioecious	Haploid	Positively geotropic	Biflagellate
Symbiotic	Mucor	Vascular tissues	Dioecious	Haploid	Positively geotropic	Biflagellate



19. Nostoc forms an asso	20. The adaxial outgrowth	21. Heteromorphic alterat	22. The wood of Cycas is	23. The starch 'Sago' is of	24. Presence of rhizohore	25. Anatomical features of
			Monoxyllic			
Anthoceros	Ligule	All of the above	Pycnoxylic		Cycas	Xerophytic
Anthoceros			Monoxyllic		Selaginella	
Anthoceros	Ligule		Monoxyllic			
Anthoceros	Ligule					
Anthoceros	Ligule		Monoxyllic	Cycas	Selaginella	
Anthoceros	Ligule	Bryophyta	Protoxylic	Gnetum	Selaginella	
Anthoceros	Ligule		Monoxyllic	Cycas	Cycas	
Anthoceros	Ligule		Monoxyllic	Cycas	Selaginella	
Riccia	Stipule	Fungi	Haploxylic	Cycas	Selaginella	Halophytic
Riccia	Stipule	Bryophyta	Monoxyllic	Cycas	Cycas	Xerophytic
Riccia	Ligule	Bryophyta	Monoxyllic	Gnetum	Selaginella	Xerophytic
Funaria			Monoxyllic	Cycas		
	Ligule	Bryophyta	Monoxyllic	Cycas		
Anthoceros	Tendril	Bryophyta	Haploxylic	Cycas	Selaginella	Xerophytic
Riccia	Tendril	Bryophyta	Monoxyllic	Selaginella	Selaginella	Halophytic
Riccia	Stipule	Bryophyta	Monoxyllic	Cycas	Cycas	Xerophytic
Anthoceros	Tendril	Bryophyta	Haploxylic	Cycas	Selaginella	Xerophytic
Riccia	Stipule	All of the above			Cycas	Hydrophytic
Anthoceros	Ligule	All of the above	Monoxyllic	Cycas	Selaginella	Xerophytic
Anthoceros	Ligule	All of the above	Monoxyllic	Cycas	Selaginella	Xerophytic
Marchantia	Stipule	Bryophyta	Monoxyllic	Selaginella	Selaginella	Xerophytic
Funaria	Trabaculæ	All of the above	Monoxyllic	Cycas	Selaginella	Xerophytic
Riccia	Ligule	Bryophyta	Monoxyllic	Cycas	Selaginella	Xerophytic
Riccia	Ligule	Bryophyta	Monoxyllic	Cycas	Pteris	Xerophytic
Anthoceros	Ligule	All of the above	Monoxyllic	Cycas	Cycas	Xerophytic
Anthoceros	Ligule	All of the above	Monoxyllic	Cycas	Cycas	Xerophytic



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