Ranchucus

S. Give the binomiate of the milete you

7. Deline monographs.

Describe the Gyndedium of Rubicase.

Shart answer questions. Answer any stor, Each carries a weighalos of 2.

19: Witte the binomial, family and useful part and uses of any times spices.

20. Mention any six major herbarta.

22. Write how molecular data can serve as a tool in taxonomic studies

23. What do you know about APG II classification ?
24. Write notes on rule of prority.

25. Explain the floral characters of Zingibersona.

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27 With the slid of suitable sketches describe the different types of inflorescence

you may suspen.
26. Explain characteristic features of a monocot family that is significant for foo-

29. Enumerate the diagnostic features of family Orchidagese, Add a note on its

avidensia biomistra

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CORE COSE SE S	Examination, NOURSE IN BOT Diversity of life orphology and	lovember 2015 FANY/PLANT S - 3 : Angiospe Utility of Plant	CIENCE erm Systematics,
: 3 Hours			Total Weightage : 3
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hoose the correct an	swer:		
Erect stem in Poace a) Pedicel	eae b) Culm	c) Rachis	d) Peduncle
Axis of a compound a) Bract	l leaf b) Bracteole	c) Lodicule	d) Rachis
Custard apple famil a) Anonaceae c) Anacardiaceae	у	b) Rutaceae d) Apiaceae	bne funt etegange A. 3
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	V Semester CORE CO BOO BOT/PLS: I Mo 3 Hours hoose the correct and Erect stem in Poace a) Pedicel Axis of a compound a) Bract Custard apple famil a) Anonaceae c) Anacardiaceae Who put forward the a) Engler ate true or false: Ovary is oblique in A Placentation is super The Kew Garden is Flowers are pentame If in the blanks: Gynobasic style is so Binomial of clove	Examination, No CORE COURSE IN BOT 5806 BOT/PLS: Diversity of life Morphology and (2012 Admin 3 Hours SECTION (2012 Admin 3 Hours SECTION (2012 Admin 4 Hours and 1 Hours an	V Semester B.Sc. Degree (CCSS - Reg./S Examination, November 2015 CORE COURSE IN BOTANY/PLANT S 5B06 BOT/PLS : Diversity of life - 3 : Angiospe Morphology and Utility of Plant (2012 Admn. Onwards) 3 Hours SECTION - A hoose the correct answer : Erect stem in Poaceae a) Pedicel b) Culm c) Rachis Axis of a compound leaf a) Bract b) Bracteole c) Lodicule Custard apple family a) Anonaceae b) Rutaceae c) Anacardiaceae d) Apiaceae Who put forward the phylogenetic system of classificat a) Engler b) Hutchinson c) Bentham sate true or false : Ovary is oblique in Acanthaceae. Placentation is superficial in Nymphaceae. The Kew Garden is located in Chandigarh. Flowers are pentamerus in Liliaceae. Il in the blanks : Gynobasic style is seen in Binomial of clove

4. Rearrange column B and C to match column A.

A

В

C

Unisexual

Latex

Asclepiadaceae

Didynamous stamens

Gynostegium

Orchidaceae

Epiphytic

Aromatic smell

Lamiaceae

Corona

Resupination

Euphorbiaceae

- 5. Answer in **one** word or **one** sentence:
 - Morphologically useful part in cinnamon.
 - ii) Fruit in Asteraceae.
 - iii) Binomial of Chakkarakolli.
 - iv) Name a fiber obtained from the secondary phloem.

 $(5 \times 1 = 5)$

SECTION - B

Answer any four.

Differentiate the following. Each carries a weightage of 1.

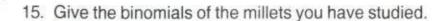
- 6. Aggregate fruit and multiple fruit.
- 7. Holotype and Lecotype.
- 8. Calyx in Malvaceae and Asteraceae.
- 9. Artificial and natural systems of plant classification.
- 10. Spike and Spadix.
- 11. Axile and free central placentation.

 $(4 \times 1 = 4)$

SECTION - C

Short answer questions. Answer any five. Each carries a weightage of 1.

- 12. Give the vegetative characters of Papilionaceae.
- 13. What is meant by author citation?
- 14. What is binomial nomenclature?



- 16. Name the types of aestivation.
- 17. Define monographs.
- 18. Describe the Gynoecium of Rutaceae.

 $(5 \times 1 = 5)$

SECTION - D

Short answer questions. Answer any six. Each carries a weighatge of 2.

- Write the binomial, family and useful part and uses of any three spices you have studied.
- 20. Mention any six major herbaria.
- Write notes on taxonomic literature.
- 22. Write how molecular data can serve as a tool in taxonomic studies.
- 23. What do you know about APG II classification?
- 24. Write notes on rule of priority.
- 25. Explain the floral characters of Zingiberaceae.
- 26. What are botanic gardens? Name five gardens in India.

(6×2=12)

SECTION-E

Essay questions. Answer any one of the following. Weightage of 4.

- With the aid of suitable sketches describe the different types of inflorescence you have studied.
- 28. Explain characteristic features of a monocot family that is significant for food crops.
- Enumerate the diagnostic features of family Orchidaceae. Add a note on its advanced characters. (1x4=4)