

B.L.D.E. Association's
S.B ARTS AND K.C.P SCIENCE COLLEGE, VIJAYAPUR

DEPARTMENT OF BOTANY

B.Sc II-SEMESTER FIRST INTERNAL EXAMINATION, JULY-2023
PAPER TITLE : DSC:DIVERSITY OF NON FLOWERING PLANTS

TIME: 1hr

PAPER CODE: 21BSC2BOT2L

MAX MARKS: 30

DATE: 10/07/2023

Q.I. Answer any FIVE of the following in 2 or 3 sentences.

5x2=10

1. Heterocyst
2. Blepharoplast
3. Algal bloom
4. Rhizoids
5. Oogamous
6. Gametophyte
7. Diatomaceous earth or Diatomite.

Q.II. Answer any THREE of the following questions.

3x4=12

1. Write a general characteristics of Bryophytes.
2. Give a account on Classification of Alage.
3. Explain the structure of sporophyte of Anthoceros.
4. Brief account on life of cycle of Ectocarpus.
5. Write a morphological characteristics of Riccia.

Q.III. Answer any TWO of following questions

2x4=8

1. Write a note on economic importance of Algae.
2. Explain Antheridium development in Riccia with neat labeled diagram.
3. Write a Rothmaler classification up to orders of bryophytes and mention features of class Anthocerotopsida
4. General account on Blue green algae.

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S.B ARTS AND K.C.P SCIENCE COLLEGE, VIJAYAPUR

DEPARTMENT OF BOTANY

B.Sc II-SEMESTER SECOND INTERNAL EXAMINATION, AUGUST-2023
PAPER TITLE : DSC:DIVERSITY OF NON FLOWERING PLANTS

TIME: 1hr

MAX. MARKS:30
DATE: 22/08/2023

PAPER CODE: 21BSC2BOT2L

Instructions: All the sections are compulsory. Draw neat labeled diagram wherever necessary

Q.I. Answer any FIVE of the following in 2 or 3 sentences.

5x2=10

1. Conjoint	2. Cambium
3. Siphonostele	4. Sporophyte
5. Corolloid roots	6. Stigmerian
7. Ovule	

Q.II. Answer any THREE of the following questions.

3x4=12

1. Write a general characteristics of pteridophytes.
2. Describe any four types of stele in pteridophytes
3. Explain T.S of selaginella
4. With neat labelled diagram explain T.S of stem of Cycas
5. Write the ecological importance of bryophytes
6. With neat labelled diagram explain the V.S of Gnetum ovule

Q.III. Answer any TWO of following questions

2x4=8

1. Enumerate general characters of Gymnosperm.
2. Write note on Birbal shani institution of paleobotany
3. Explain life cycle of Riccia
4. Write a note on economic importance of Gymnosperm



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S.B ARTS AND K.C.P SCIENCE COLLEGE VIJAYAPUR

DEPARTMENT OF BOTANY

B.Sc 4th-SEMESTER FIRST INTERNAL ASSESSMENT TEST JULY-2023
PAPER TITLE (DSC): ECOLOGY AND CONSERVATION BIOLOGY

TIME: 1hr

PAPER CODE: 21BSC2BOT4L

MAX. MARKS: 30

DATE: 11/07/2023

Instructions: All the sections are compulsory

Draw neat labeled diagram wherever necessary

Q.1. Answer the following questions

5x2=10

1. What is glaciation?
2. Hekisotherms
3. Define eutrophication.
4. Relative humidity
5. Define global warming.
6. Pedogenesis
7. Epiphytes

Q.2. Answer any THREE of the following questions.

3x4=12

1. Describe the theory of continental drift.
2. Explain topographic factors.
3. Explain the vavilov's centers of origin of plants.
4. Explain soil profile.
5. Write a note on minamata disease and it's causes.

Q.3. Answer any TWO of following questions

2x4=8

1. Define air pollution. Explain it's causes and effect on ecosystem
2. Write a note on types of hydrophytes.
3. Explain the composition and distribution of evergreen and semi evergreen forest in Karnataka
4. Describe the effect of light factor on vegetation.



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DEPARTMENT OF BOTANY
B.Sc 4-SEMESTER 2ND INTERNAL ASSESSMENT TEST AUG-2023
PAPER TITLE (DSC): ECOLOGY AND CONSERVATION BIOLOGY

TIME: 1hr
PAPER CODE: 21BSC2BOT4L

MAX.MARKS: 30
DATE: 23/08/2023

Instructions: All the sections are compulsory. Draw neat labeled diagram wherever necessary

Q.1. Answer any FIVE of the following in 2 or 3 sentences. 5x2=10

1. IUCN
2. population density
3. Cryopreservation
4. Interspecific interaction
5. RET
6. Hydrosere
7. Ecotone

Q.2. Answer any THREE of the following questions. 3x4=12

1. Explain the methods used in In-situ conservation.
2. Write in brief about biodiversity hotspots of india.
3. Explain in detail about objective and features of forest conservation Act,1980.
4. Explain the stages of ecological succession.
5. Give a brief account on food chain grazing.

Q.3. Answer any TWO of following questions 2x4=8

1. What is the role of biodiversity bill (2002)in conservation?
2. Explain the population growth curves.
3. Expain the threats to biodiversity in detail.
4. Explain the nitrogen cycle.

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DEPARTMENT OF BOTANY
B.Sc 4-SEMESTER 2ND INTERNAL ASSESSMENT TEST AUG-2023
PAPER TITLE (DSC): ECOLOGY AND CONSERVATION BIOLOGY

TIME: 1hr

MAX.MARKS: 30

PAPER CODE: 21BSC2BOT4L

DATE: 23/08/2023

Instructions: All the sections are compulsory. Draw neat labeled diagram wherever necessary

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DEPARTMENT OF BOTANY
B.Sc VI-SEMESTER PAPER-2, FIRST INTERNAL EXAMINATION, JULY-2023
PAPER TITLE : BIOFERTILIZERS AND ORGANIC FARMING

TIME: 1hr

PAPER CODE: BOTDSET6.2B

MAX MARKS:20

DATE: 14/07/2023

Instructions: All the sections are compulsory. Draw neat labeled diagram wherever necessary

Q. 1. Answer any FIVE of the following in 2 or 3 sentences.

i. FYM

ii. Organic farming

iv. Azotobacter

v. Carrier based inoculants

vii. Oil cake

viii. Azadirachtin.

5x 2 Marks =10

Q. 2. Answer any TWO of the following.

2. (a). Explain green Manuring technique

OR

(b). Write a note on Panchagavya

(a). Write general account on microbes used as biofertilizers

OR

(b). Explain isolation & mass multiplication of Rhizobium

2x 5 Marks=10

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B.Sc VI-SEMESTER PAPER-2, FIRST INTERNAL EXAMINATION, JULY-2023

PAPER TITLE : BIOFERTILIZERS AND ORGANIC FARMING

ME: 1hr

PAPER CODE: BOTDSET6.2B

MAX.MARKS:20

DATE: 14/07/2023

Instructions: All the sections are compulsory. Draw neat labeled diagram wherever necessary

Q. 1. Answer any FIVE of the following in 2 or 3 sentences.

5x 2 Marks =10

i. FYM

ii. Organic farming

iii. Biocompost

iv. Azotobacter

v. Carrier based inoculants

vi. Actinorrhizal symbiosis

vii. Oil cake

viii. Azadirachtin.

Q. 2. Answer any TWO of the following.

2x 5 Marks=10

2. (a). Explain green Manuring technique

OR

(b). Write a note on Panchagavya

3. (a). Write general account on microbes used as biofertilizers

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(b). Explain isolation & mass multiplication of Rhizobium

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S.B ARTS AND K.C.P SCIENCE COLLEGE, VIJAYAPUR**DEPARTMENT OF BOTANY****B.Sc VI-SEMESTER PAPER-2, SECOND INTERNAL EXAMINATION, AUGUST-2023**
PAPER TITLE : BIOFERTILIZERS AND ORGANIC FARMING

TIME: 1hr

MAX. MARKS: 20

PAPER CODE: BOTDSET6.2B

DATE: 26/08/2023

Instructions: All the sections are compulsory. Draw neat labeled diagram wherever necessary**Q. 1. Answer any FIVE of the following in 2 or 3 sentences.****5x 2 Marks = 10**

i. Algal biofertilizer	ii. Azospirillum	iii. Azolla in rice cultivation
iv. Anabaena azollae	v. Carrier based inoculants	vi. Ectendomycorrhiza
vii. Phosphorus nutrition	viii. VAM .	

Q . Answer the following.**2x 5 Marks = 10**

2. (a). Explain isolation and mass multiplication Azospirillum.

OR

(b). Write associative effect of different microorganisms.

3. (a). Describe types of mycorrhizal association.

OR

(b). Explain isolation and inoculum production of VAM.

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PAPER TITLE : BIOFERTILIZERS AND ORGANIC FARMING

TIME: 1hr

MAX. MARKS: 20

PAPER CODE: BOTDSET6.2B

DATE: 26/08/2023

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iv. Anabaena azollae	v. Carrier based inoculants	vi. Ectendomycorrhiza
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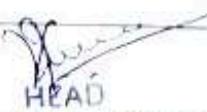
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(b). Write associative effect of different microorganisms.

3. (a). Describe types of mycorrhizal association.

OR

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DEPARTMENT OF BOTANY

B.Sc VI-SEMESTER SECOND INTERNAL EXAMINATION, AUGUST-2023
PAPER TITLE : SEC:ETHNOBOTANY

TIME: 1hr

MAX.MARKS:20

PAPER CODE: BOTSEC6.3

DATE: 22/08/2023

Q.I. Answer any FIVE of the following in 2 or 3 sentences.

5X2=10

1. Classification of sacred grooves	2. Pongamia pinnata
3. Vitex negundo	4. Traditional knowledge
5. Endangered taxa	6. IPR
7. Texmati	

Q.II. Answer the following questions.

2x5=10

1. a) Write a note on Biopiracy

OR

b) Explain morphology habitat and ethanotanical uses of tribulus terrestris.

2.

a) Role of modern medicine in etanobotany with special example Withania.

OR

b) Give a brief account on any 6 Major Ethnic Group of India

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DEPARTMENT OF BOTANY

B.Sc VI-SEMESTER FIRST INTERNAL EXAMINATION, JULY-2023

PAPER TITLE : SEC:ETHNOBOTANY

TIME: 1hr

MAX. MARKS:20

PAPER CODE: BOTSEC6.3

DATE: 10/07/2023

Instructions: All the sections are compulsory. Draw neat labeled diagram wherever necessary

Q.I. Answer any FIVE of the following in 2 or 3 sentences.

5x2=10

1. Corymbose raceme	2. Intoxicants
3. Gloriosa superba	4. Khasi
5. Bisexual flowers	6. Resins
7. Ehanonarcotics	

Q.II. Answer the following questions.

2x5=10

1). a) Brief account on plant used by the tribals as food plants.

OR

b) Explain morphology habitat and ethanobotanical uses of cassia auriculata

2) a) Write a morphology habitat and ethanobotanical uses of Azadirachta indica

OR

b) Give a brief account on scope of ethanobotany.

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DEPARTMENT OF BOTANY

B.Sc VI-SEMESTER FIRST INTERNAL EXAMINATION, JULY-2023

PAPER TITLE : SEC:ETHNOBOTANY

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