

PAPER - III PRACTICALS

Max. Marks -90+10*

Time- 6 Hrs. (2 Sessions)

1. Identify, classify and write short morphological notes giving well labelled relevant diagrams on the given specimens A, B, C and D (one each from Algae, Fungi, Bryophytes and Pteridophytes). 24-26-28
2. Prepare the root smear and find out two different stages of Mitosis. Identify and show it to the examiners. Also give characters of identification. 8 10-8
3. Numerical regarding Genetics (Mendelian Inheritance or Gene Interaction) as per syllabus. 8 10-8
4. Identify giving two important characters of identification on spots 1, 2, 3 and 4 (one slide or material each from Algae, Fungi, Bryophytes and Pteridophytes). 16-20
5. Note-book, collection and collection report. 12
6. Viva-voce. 12

LIST OF PRACTICALS (Semester I & II)

1. Stages of Mitosis from Material (Onion-root tips).
2. Experiments on Monohybrid and Dihybrid ratios.
3. Gene Interactions and modified Dihybrid ratios.
4. Chi-square analysis.
5. Type study- Specimens from Algae, Fungi, Bryophytes and Pteridophytes as per theory syllabus.
6. Field tour of an area rich in diversity of Archegoniates for collection of plants, plant diseases and preparation of Herbarium.
7. Preparation of Survey/Collection Report.

Assess - 20
10

LOCAL PLANT COLLECTION TRIP

All students of B.Sc. IInd year (medical) are informed to visit the college campus and surroundings to collect plants for plant herbarium at 9:30 am dated on 28 May, 2022.

Head of Department
Kuska Gupta
Mrs. Kuska Gupta

Sunil
डा. श्रीमती सुनीता पाहवा
प्राचार्य
आर्य कन्या महाविद्यालय
शाहवाक मारकोडा

Plant Collection Trip was organised dated on 28/5/22 for B.Sc II (Med) in College Campus & Surrounding areas.



Shahbad, Haryana, India

5VC8+VCR, Subhash Nagar, Shahbad, Haryana 136135, India

Lat 30.17228°

Long 76.865904°

28/05/22 09:42 AM

Google



Shahbad, Haryana, India

5VC8+VCR, Subhash Nagar, Shahbad, Haryana 136135, India

Lat 30.172292°

Long 76.865878°

28/05/22 09:36 AM

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Google

Plant Collection Trip was organised of
R.Sc. III Students in College-Campus
dated on 30/5/22



LOCAL PLANT COLLECTION TRIP

28/5/22

All students of B.Sc. IIIrd year (Medical) are informed to visit the college campus and surrounding to collect plants for plant herbarium at 9:30 dated on 30 May, 2022.

Head of department

Mrs. Kusha Gupta

Principal
Arya Kanya Mahavidyalaya
Shahabad Markanda

डा. श्रीमती सुनीता पाहवा
प्राचार्या

आर्य कन्या महाविद्यालय
शाहबाद मारकंडा

BSc 2nd year

Name

Class

Signature

1 Shivani	B.Sc Med. 2 nd year	Shivani
2 Roubie	B.Sc Med 2 nd year	Roubie
3 Nehak	B.Sc (Med) 2 nd year	Nehak
4 Ritika	B.Sc (Med) 2 nd year	Ritika
5 Arzo	B.Sc 2 nd year (Med).	Arzo
6 Simran	B.Sc 2 nd year (Med)	Simran
7 Kiran	B.Sc. 2 nd year (Med)	Kiran
8 Nehak Preetkaur	B.Sc. 2 nd year (Med)	Nehak Preetkaur
9 Aarti Devi	B.Sc 2 nd year (Med)	Aarti
10 Muskan	B.Sc 2 nd year (Med)	Muskan
11 Sanjana	B.Sc. 2 nd year (Med)	Sanjana
12 Anshika Mehra	B.Sc. 2 nd year (Med.)	Anshika
13 Sandhya Sharma	B.Sc. 2 nd year (Med)	Sandhya
14 Saloni	B.Sc 2 nd year (Med)	Saloni
15 Priya	B.Sc 2 nd year (Med.)	Priya
16 Anyana	B.Sc 2 nd year (Med.)	Anyana

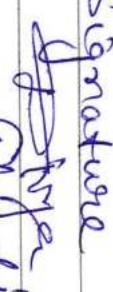
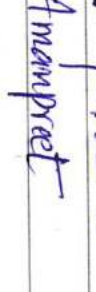
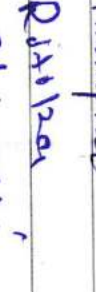
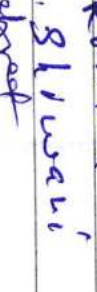
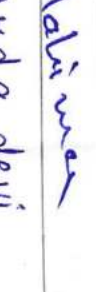
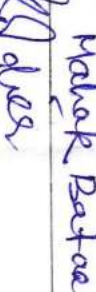
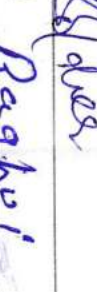
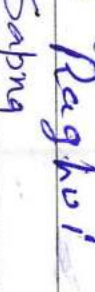
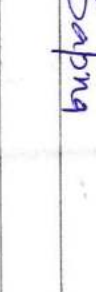
Kritika Gupta 28/5/22

28/5/22

B.Sc. III (2021-22)

30 May, 2022

LOCAL FIELD VISIT

S.No.	Name	Class	Rollno.	Signature
1.	Divya Verma	B.Sc. III (Med)	3134220001	
2.	Chapseli	"	2	
3.	Suikhti	"	4	
4.	Amanpreet	"	5	
5.	Pitika	"	6	
6.	Shivani	"	7	
7.	Jaspreet kaur	"	8	
8.	Payal	"	9	
9.	Tani	B.Sc. III	13	
10.	Mahima	"	14	
11.	Sharda Devi	"	16	
12.	Parnet kaur	"	19	
13.	Mahak Bataen	"	21	
14.	Soldier	"	3251120001	
15.	Raghu Sharma	"	5	
16.	Sapna	"	7	

Kumar



B. SC - I

UPDATED SCHEME OF EXAMS. & SYLLABI FOR B.SC.

SCHEME OF EXAMINATION OF B. Sc. (MEDICAL) **BOTANY**

25/8/14

Semester - I

Paper-I Diversity of Microbes
Paper-II Cell Biology

Max Marks- $40+10$
Max Marks- $45+5$
Max Marks- $45+5$
Max Marks- $40+10$

Time-3 Hrs.
Time-3 Hrs.

Semester -II

Paper-I Diversity of Archegoniates
Paper-II Genetics
Paper-III Practicals(Annually)Semester-I&II

Max Marks- $40+10$
Max Marks- $45+5$
Max Marks- $45+5$
Max Marks- $80+10$

Time-3 Hrs.
Time-3 Hrs.
Time-6 Hrs.
(Two Sessions)

Semester-III

Paper-I Biology and Diversity of Seed
Plants-I
Paper-II Plant Anatomy

Max Marks- $40+10$
Max Marks- $45+5$
Max Marks- $40+10$

Time- 3 Hrs.
Time-3 Hrs.

Semester-IV

Paper-I Biology and Diversity of Seed
Plants-II
Paper-II Plant Embryology
Paper-III Practicals (Annually)
Semester-III & IV

Max Marks- $40+10$
Max Marks- $45+5$
Max Marks- $40+10$
Max Marks- $45+5$
Max Marks- $80+10$

Time- 3 Hrs
Time- 3 Hrs.
Time- 6 Hrs.
(Two sessions)

Semester-V

Paper-I Plant Physiology
Paper-II Ecology

Max Marks- $40+10$
Max Marks- $45+5$
Max Marks- $45+5$
Max Marks- $40+10$

Time - 3 Hrs
Time - 3 Hrs.

Semester-VI

Paper-I Biochemistry & Plant Biotechnology
Paper-II Economic Botany
Paper-III Practicals (Annually)
Semester-V & VI

Max Marks- $40+10$
Max Marks- $45+5$
Max Marks- $45+5$
Max Marks- $40+10$
Max Marks- $80+10$

Time-3 Hrs
Time 3 Hrs.
Time- 6 Hrs
(Two Sessions)

Total Marks - 900

*10% marks allotted for Internal Assessment.

Theory -
Prac.

95/100

PAPER - III PRACTICALS

Max. Marks- 90

Time- 6 Hrs. (2 Sessions)

Biology and Diversity of Seed Plants, Plant Anatomy and Plant Embryology

1. Describe/compare the given flowers A and B in semi-technical language giving V.S. of flowers, T.S. of ovaries, Floral Diagrams and Floral Formulae. Identify and assign them to their respective families giving reasons. — 20 22
2. Identify, classify and write morphological notes on the given specimens C and D (from Gymnosperms) 10 - 8 13
3. Cut Transverse Section and prepare a double-stained permanent mount of the given material (from angiosperms/gymnosperms). Identify giving reasons and show it to the examiner. 10 12 10
4. Identify, giving the important characters of identification, the spots 1 and 2 (one material/slide each from gymnosperms and embryology of angiosperms). — 10 8 10
5. Write morphological notes on the specimens E and F (from angiosperms). 10 12
6. Dissect out the globular/heart-shaped embryo from the given material. 5 4
7. Note-book, Collection and Collection Report. 13 p. 12
8. Viva-voce. 13 10 12

Ms. Angina

— Ephedra — Full Chapter — Cycas, Pinus —

— Flowers (10)

— P.S. : Mono & Dicot (3) — leaf — Borneo
— Stem — Dicot
— Root — Achyris

— Embryo dissect.

— O No 5.

O No 4. F.

**Paper-III Practicals : Plant physiology,
Biochemistry,
Biotechnology, Ecology, &
Economic Botany.**

**Int. Assessment-20
Max. Marks - 80
Time- 6 hrs. (Two Sessions)**

1. Devise an experiment to demonstrate the physiological process (as per the list).
Perform it and show it to the examiners. 15 12
2. Comment on the physiological/Biochemistry experiment
(Specimen/ set-up / Model / Chart). 10 8
3. Test for carbohydrates / Proteins / Fats / Peroxidase activity. 5
4. Ecological experiment/Ecological Specimens A & B (as per the list) 10 8
5. Identify and Classify spots 1, 2, 3, and 4 from the point of view of economic importance
and morphology of the plant part used. 20
6. Applied Botany experiment (as per the list). 5
7. Note Book, Collection and field report. 6 + 6 = 12
8. Viva-voce. 10

PAPER -III PRACTICALS

Max. Marks -90+10*
Time- 6 Hrs. (2 Sessions)

1. Identify, classify and write short morphological notes giving well labelled relevant diagrams on the given specimens A, B, C and D (one each from Algae, Fungi, Bryophytes and Pteridophytes). 24-26
2. Prepare the root smear and find out two different stages of Mitosis. Identify and show it to the examiners. Also give characters of identification. 8 10-8
3. Numerical regarding Genetics (Mendelian Inheritance or Gene Interaction) as per syllabus. 8 10-8
4. Identify giving two important characters of identification on spots 1, 2, 3 and 4 (one slide or material each from Algae, Fungi, Bryophytes and Pteridophytes). 16-20
5. Note-book, collection and collection report. 12
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LIST OF PRACTICALS (Semester I & II)

1. Stages of Mitosis from Material (Onion-root tips).
2. Experiments on Monohybrid and Dihybrid ratios.
3. Gene Interactions and modified Dihybrid ratios.
4. Chi-square analysis.
5. Type study- Specimens from Algae, Fungi, Bryophytes and Pteridophytes as per theory syllabus.
6. Field tour of an area rich in diversity of Archegoniates for collection of plants, plant diseases and preparation of Herbarium.
7. Preparation of Survey/Collection Report.

Assess - 20
100



आर्य कन्या महाविद्यालय, शाहाबाद मारकण्डा
ARYA KANYA MAHAVIDYALAYA
(A Premier Multifaculty Post Graduate Girls Institution Affiliated to KUK)
SHAHABAD MARKANDA, DISTT KURUKSHETRA (HARYANA)

Ref. No. 905/AKm/2022/10165

Date 9/2/22

To,
Deputy Assistant Registrar (Conduct)
Kurukshetra University
Kurukshetra

Sub: On-The-Job Training Report Awards for B.Com (CAV) Sem – II (ses ion 2021-22).

Sir/Madam,

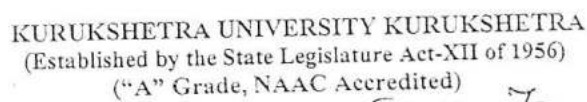
Please find herewith Attendance Sheet and Award List of the students of B.Com (CAV) Sem – III for the On-The-Job Training Report (Paper – BC-VOC-307) conducted on the 7th Feb, 2022 for your king information and with a request to do the needful and oblige.

Thanking you.

Dr. (Mrs.) Sumita Pariwa

Principal (Offg.)

Arya Kanya Mahavidyalaya
Shahabad Markanda



Sem-5
EXAMINATION, 2021-22

Chart for Preparing list of each group for Practicals in Science and other Subjects.

Chart for Preparing list of each group for Practicals in Science and Other Subjects.

Centre for Written Examination	Arya Kanya Mahavidyalaya
Centre for Practical Examination	Arya Kanya Mahavidyalaya
Subject	BC (Voc) - 307 Training Report
Group	-
Date	9/2/22
Time	10:50

Total No. of Candidates allotted by the Principal 17

Total No. of Candidates examined by the Examiner 17
Total No. of Candidates absent in the Practical Examination Nil

Signature of Principal _____
Address _____
Arya Kanya Mahavidyalaya
Shahabad Markanda

Sush-

Signature of Practical Examiner
Address Akmv
Sitababadi - M

Signature & Address of the Co-Examiner
(If any) _____

(To be sent to the Deputy/Assistant Registrar (Secrecy) alongwith Award-Lists in the Confidential Envelope
ES-42) (5).



आर्य कन्या महाविद्यालय, शाहाबाद मारकण्डा
ARYA KANYA MAHAVIDYALAYA
(A Premier Multifaculty Post Graduate Girls Institution Affiliated to KUK)
SHAHABAD MARKANDA, DISTT KURUKSHETRA (HARYANA)

Ref. No. 905/AKM/2022/10166

Date 19/2/22

To,
Deputy Assistant Registrar (Conduct)
Kurukshetra University
Kurukshetra

Sub: On-The-Job Training Report Awards for B.Com (CAV) Sem – V (session 2021-22).

Sir/Madam,

Please find herewith Attendance Sheet and Award List of the students of B.Com (CAV) Sem – V for the On-The-Job Training Report (Paper – BC-VOC-507) conducted on the 9th Feb, 2022 for your kind information and with a request to do the needful and oblige.

Thanking you.

Dr. (Mrs.) Sunita Pahwa
Principal (Offg.)
Arya Kanya Mahavidyalaya
Shahabad Markanda



KURUKSHETRA UNIVERSITY KURUKSHETRA
(Established by the State Legislature Act-XII of 1956)
("A" Grade, NAAC Accredited)

B.Com-III (CAV) SEM-5
EXAMINATION, 2021-22

PRACTICAL ATTENDANCE CHART

Chart for Preparing list of each group for Practicals in Science and other Subjects.

Centre for Written Examination Arya Kanya Mahavidyalaya
Centre for Practical Examination Arya Kanya Mahavidyalaya
Subject BC(Voc)-507 Training Report Date 9/2/22
Group _____ Time 10.00

Sr. No.	Roll No.	Signature of the Candidate before the Principal	Signature of the Candidate before the Practical examiner
1	191126102	Sarabjeet	Sarabjeet
2	191126103	Aarti	Aarti
3	191126104	Sonam	Sonam
4	191126105	Tanny	Tanny
5	191126106	Suraina	Suraina
6	191126107	Simran	Simran
7	191126108	Jyoti	Jyoti
8	191126109	Samsiddhi	Samsiddhi
9	191126110	Aashma	Aashma
10	191126111	Deepika	Deepika
11	191126112	Deekhi	Deekhi
12	191126113	Veethi	Veethi
13	191126114	Neha	Neha
14	191126115	Neha Devi	Neha Devi
15	191126116	Anshika	Anshika
16	191126118	Anshika	Anshika
17	191126119	Muskan	Muskan
18	191126120	Muskan	Muskan
19	191126121	Kajal	Kajal
20	191126122	Vandana	Vandana
21	191126125	Mehar Rani	Mehar Rani
22	191126126	Shivani	Shivani
23	191126127	Tanu	Tanu
24	191126128	Tashan	Tashan
25	191126129	Riganka Devi	Riganka Devi
26	191126130	Khushi Sharma	Khushi Sharma
27	191126131	Deekhi	Deekhi
28	191126132	Rashmi	Rashmi
29	191126133	Poocho	Poocho

Total No. of Candidates allotted by the Principal 29

Total No. of Candidates examined by the Examiner 29

Total No. of Candidates absent in the Practical Examination NIL

Signature of Principal

Address Shahabad Markanda

Arya Kanya Mahavidyalaya
Shahabad Markanda

Signature of Practical Examiner
Address A.K.M.V.

Signature & Address of the Co-Examiner
(If any) Shahabad - M.

(To be sent to the Deputy/Assistant Registrar (Secrecy) alongwith Award-Lists in the Confidential Envelope (ES-(42) (5).)

M.A Fine Arts Dissertation

Session 2021-2022

क्र.सं.	प्रस्तुतकर्ता	विषय	निर्देशिका
1	कुं अंजलि	समकालीन दृषाकार 'राकेश बानी'	सन्तोष
2.	कुं दिव्या	प्राचीन भारत की लघुचित्र- कला - मुगल, राजस्थानी, पहाड़ी लघुचित्रकला के संदर्भ में	महेश धीमान
3	कुं अंजु देवी	प्रमोद आर्य का कला में योगदान के संदर्भ में	सन्तोष
4	कुं यशस्विनी	'चित्रकार: मदनलाल जी की कलात्मक अभिव्यक्ति'	किशन खेवरिया
5	कुं कोमल	आधुनिक भारतीय चित्रकार: श्री रणधीर सिंह पठानिया	9)
6	कुं रीनु	भारतीय चित्रकार: प्रो. शास्वा प्रणाम कुमार सिंह	सन्तोष