Computer Applications (Vocational Course)

Each student who has opted for the above said course shall opt two theory papers in each Semester in addition to four papers common with B.Com. general scheme.

Outline of B.Com. (Vocational) Computer Applications

Semester -I

Paper Code	Subject	Externa 1	Internal	Max. Marks
BC-101	Business Communication - I	80	20	100
BC-102	Business Mathematics - I	80	20	100
BC-103	Financial Accounting – I	80	20	100
BC-104	Business Management - I	80	20	100
BC(Voc)-105	Computer Fundamentals & Logical Organizations-I	80	20	100
BC(Voc)-106	Business Data Processing & PC Software-I	80	20	100

Semester -II

Paper Code	Subject	Externa 1	Internal	Max. Marks
BC-201	Business Communication - II	80	20	100
BC-202	Business Mathematics - II	80	20	100
BC-203	Financial Accounting – II	80	20	100
BC-204	Business Management - II	80	20	100
BC(Voc)-205	Computer Fundamentals and Logical	80	20	* 100
	Organizations-II			
BC(Voc)-206	Business Data Processing and PC Software-II	80	20	100
BC-207	Environmental Studies: (Qualifying Paper)*			100

*The Qualifying paper-Environmental Studies I and II shall be taught in the Ist and IInd Semester. However, the examination will be conducted along with IInd Semester.

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Taker Invironmental Convener Principal
Dayanand Mahila Mahavidyala
Kurukshetra (Haryana)

Dayanan Mahila Mahavidyalaya

Kuruksh ira

B.Com Computers (Vocational) Syllabus

Session 2010-11 on Dards with 2016-17

Semester-III

Paper Code	Subject	External	Internal	Max Marks
BC-301	Business Regulatory Framework-I	80	20	100
BC-302	Corporate Accounting-1	80	20	100
BC-303	Company Law	80	20	100
BC-304	Business Statistics-I	80	20	100
BC (Voc)-305	Programming in C			
	Theory	45	5	80
	Practical	30		
BC (Voc)-306	Fundamentals of Database System-I			
	Theory	45	5	80
	Practical	30		
BC (Voc)-307	On the Job Training Report*	31.23 (4.23.24)	TO SECULE LANGE	40

Semester-IV

Paper Code	Subject	External	Internal	Max Marks
BC-401	Business Regulatory Framework-II	80	20	100
BC-402	Corporate Accounting-II	80	20	100
BC-403	Auditing	80	20	100
BC-404	Business Statistics-II	80	20	100
BC (Voc)-405	Desktop Publishing			
	Theory	60	10	100
	Practical	30		
BC (Voc)-406	Fundamentals of Database System-			
	II	60	10	100
	Theory	30		
	Practical			

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Principal Dayanand Mahila Mahavidyala Kerukshetra Haryana) Sonvener IQAC



Semester-V

Paper Code	Subject		External	Internal	Max Marks
BC-501	Financial Market Operations-I		80	20	100
BC-502	Cost Accounting-I		80	20	100
BC-503	Management Accounting Financial Management-I	&	80	20	100
BC-504	Business Environment-I		80	20	100
BC (Voc)-505	Computer Aided Design		Appropriate Leave	n Great With	DE DAM
	Theory		45	5	80
	Practical		30		
BC (Voc)-506	Data Structure				
	Theory		45	5	80
	Practical		30		200
BC (Voc)-507	On the Job Training Report*		papalitic m	olegaliti analis	40

Semester-VI

Paper Code	Subject	External	Internal	Max Marks
BC-601	Financial Market Operations-II	80	20	100
BC-602	Cost Accounting-II	80	20	100
BC-603	Management Accounting & Financial Management-II	80	20	100
BC-604	Business Environment-II	80	20	100
BC (Voc)-605	Advanced Computer Applications			
	Theory	60	20	100
	Practical	30		
BC (Voc)-606	System Analysis & Design			
	Theory	60	20	100
	Practical	30		

Note:

*The students shall undergo On-the-Job Training to get a practical experience of the Computer Applications in Business. The faculty will supervise the students for their training. Three copies of the Project Report shall be submitted to the college, which will be sent for evaluation to an external examiner. There will be no Viva-Voce of there project/training reports.

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Principal Dayanand Mahila Mahavidyala Kurukshetra (Haryana)

Convener

Syllabus for Bachelor of Commerce (Vocational) Scheme w.e.f. 2013-2014

Computer Applications (Vocational Course)

Each student who has opted for the above said course shall opt two theory papers in each Semester in addition to four papers common with B.Com. general scheme.

Outline of B.Com. (Vocational) Computer Applications

Semester -I

Paper Code	Subject			
BC-101	Financial Accounting	External	Internal	Max. Marks
BC-102	Business Communication Skills	80	20	100
BC-104	Principles of Management	80	20	100
BC-105	Business Mathematics-I	80	20	100
BC(Voc)-105	Computer Fundamentals & Logical Organizations-I	80	20	100
BC(Voc)-106	Business Data Processing & RG of	80	20	100
C	Business Data Processing & PC Software-I	80	20	100

Semester -II

Paper Code	Subject			
BC-201	Advanced Financial Accounting	External	Internal	Max. Marks
BC-203	Business Environment	80	20	100
BC-204	Organisational Behaviour	80	20	100
BC-205	Business Mathematics-II	80	20	100
BC(Voc)-205	Computer Fundamentals and Logical	80	20	100
DC 4.	Organizations-II	80	20	100
BC(Voc)-206	Business Data Processing and PC Software-II Environmental Studies: (Qualifying Paper)*	80	20	100
			-	1

*The Qualifying paper-Environmental Studies I and II shall be taught in the Ist and IInd Semester. However, the examination will be conducted along with IInd Semester.

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Dayanand Mahila Mahavidyala Kurukshetra "Haryana) Convener

B.Com Computers (Vocational) Syllabus **Session 2013-14**

Semester-III * 4 4

Paper Code	Subject	External	Internal	Max Marks
BC-301 BC-302 BC-304 BC-305 BC (Voc)-305	Corporate Accounting-I Business Statistics Principles of Marketing Business Laws-I Programming in C	80 80 80	20 20 20 20 20	100 100 100 100
BC (Voc)-306	Theory Practical Fundamentals of Database System-I	45 30	5	80
BC (Voc)-307	Theory Practical On the Job Training Report*	45 30	5	80
	-8 report	-	-	40

Semester-IV

Paper Code	Subject	External	Internal	Max Marks
BC-401 BC-403 BC-404 BC-405 BC (Voc)-405	Corporate Accounting-II Financial Management Company Law-I Business Laws-II Desktop Publishing	80 80 80 80	20 20 20 20 20	100 100 100 100
BC (Voc)-406	Theory Practical Fundamentals of Database System-II	60 30	10	100
	Theory Practical	60	10	100

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Dayanand Mahila Mahavidyala

Kurukshetra Haryana)

Dayanand Mahila Mahavidyalaya

Kurukshetra

Semester-V

Paper Code	Subject	External	Internal	Max Marks
BC-501	Cost Accounting	80	20	100
BC-502	Entrepreneurship Development	80	20	100
BC-503	Income Tax-I	80	20	100
BC-504	Company Law-II	80	20	100
BC (Voc)-505	Computer Aided Design Theory	45:	5	80
	Practical	30		
BC (Voc)-506	Data Structure			
	Theory	45	5	80
	Practical	30		
BC (Voc)-507	On the Job Training Report*	-	_	40

Semester-VI

Paper Code	Subject	External	Internal	Max Marks
BC-601	Management Accounting	80	20	100
BC-602	Auditing	80	20	100
BC-603	Income Tax-II	80	20	100
BC-604 BC (Voc)-605	Security Market Operations	80	20	100
DC (VOC)-003	Advanced Computer Applications Theory	60	10	100
	Practical	30		
BC (Voc)-606	System Analysis & Design			
	Theory	60	10	100
	Practical	30		

Note:

*The students shall undergo On-the-Job Training to get a practical experience of the Computer Applications in Business. The faculty will supervise the students for their training. Three copies of the Project Report shall be submitted to the college, which will be sent for evaluation to an external examiner. There will be no Viva-Voce of there project/training reports.

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Dayanand Mahila Mahavidyalaya

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Syllabus for Bachelor of Commerce (Vocational) Scheme w.e,f. 2017-2018 in Phased Manner

Computer Applications (Vocational Course)

Each student who has opted for the above said course shall opt two theory papers in each Semester in addition to four papers common with B.Com. General Scheme.

Semester -1

Paper Code	Subject	External	Internal	Max. Marks
BC-101	Financial Accounting-I	80	20	100
BC-102	Micro Economics	80	20	100
BC-103	Principles of Business Management	80	20	100
BC-106	Business Communication	80	20*	100
BC(Voc)-105	Computer Fundamentals & Logical Organizations	80	20*	100
BC(Voc)-106	Business Data Processing & PC Software- 1	80	20*	100

^{*} Internal Assessment will be based on Practical Exam conducted by Internal Examiner.

Semester-II

Paper Code	Subject with the same and the s	External	Internal	Max. Marks
BC-201	Financial Accounting-II	80	20	100
BC-202	Macro Economics	80	20	100
BC-203	Fundamentals of Marketing	. 80	20	100
BC-204	E-Commerce	80	20*	100
BC(Voc)-205	Programming in C	80	20*	100
BC(Voc)-206	Business Data Processing and PC Software-II	80	20*	100
BC-207	Environmental Studies (Qualifying Paper)		1 - L	100

^{*} Internal Assessment will be based on Practical Exam conducted by Internal Examiner.

Semester-III

Paper Code	Subject	External	Internal	Max Marks
BC-301	Corporate Accounting-I	80	20	100
BC-302	Business Statistics-I	80	20	100
BC-303	Business Laws-I	80	20	100
BC-304	Company Law-I	80	20	100
BC (Voc)-305	Data Structure	60	20*	80
BC (Voc)-306	Fundamentals of Database Management System	60	20*	80
BC (Voc)-307	On the Job Training Report	40	F (1-	40

^{*}Internal Assessment will be based on Practical Exam conducted by Internal Examiner.

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Principal

Dayanand Mahila Mahavidyala Kurukshetra (Haryana) Whener IQAC

Dayanand Mahila Mahavidyalaya Kurukshetra P. T.O.

Semester-IV

Paper Code	Subject	External	Internal	Max Marks
BC-401	Corporate Accounting-II	80	20	100
BC-402	Business Statistics-II	80	20	100
BC-403	Business Laws-II	80	20	100
BC-404	Company, Law-II	80	20	100
BC (Voc)-405	Programming in Java	80	20*	100
BC (Voc)-406	Advanced Computer Applications	80	20*	100

^{*}Internal Assessment will be based on Practical Exam conducted by Internal Examiner. Semester-V

Paper Code	Subject	External	Internal	Max Marks
BC-501	Cost Accounting	80	20	100
BC-502	Financial Management	80	20	100
BC-503	Goods and Services Tax	80	20	100
BC-504	Income Tax-I	80	20	100
BC (Voc)-505	Web Technology	60	20*	80
BC (Voc)-506	Systems Analysis & Design	60	20*	80
BC (Voc)-507	On the Job Training Report	40		

^{*}Internal Assessment will be based on Practical Exam conducted by Internal Examiner.

Semester-VI

Paper Code	Subject	External	Internal	Max Marks
BC-601	Management Accounting	80	20	100
BC-602	Fundamentals of Insurance	80	20	100
BC-603	Human Resource Management	80	20	100
BC-604	Income Tax-II	80	20	100
BC (Voc)-605	Social Networking and Data Analytics	80	20*	100
BC (Voc)-606	Enterprise Resource Planning	80	20*	100

^{*}Internal Assessment will be based on Practical Exam conducted by Internal Examiner.

The students shall undergo four to six weeks On-the-Job Training after second and fourth semester examination (during vacations) to get a practical experience of the Computer Applications in Business. The faculty will supervise the students for their training. Training Report shall be submitted to the college before the commencement of the third and fifth semester examination. Training Reports will be sent for evaluation to an external examiner by the University. There will be no Viva-Voce of the training reports.

The candidates shall be issued B.Com. (vocational) with Computer Applications. They shall be eligible to get admission to M. Com and other Post-graduate classes after passing the said course just like other B.com students. 7

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Principal Dayanand Mahila Mahavidyala Kurukshetra (Haryana) Convener

Syllabus for Bachelor of Commerce (Vocational) Scheme w.e.f. 2015-2016

Computer Applications (Vocational Course)

Each student who has opted for the above said course shall opt two theory papers in each Semester in addition to four papers common with B.Com. general scheme.

Outline of B.Com. (Vocational) Computer Applications

Semester -I

Paper Code	Subject	External	Internal	Max. Marks
BC-101	Financial Accounting			
BC-102		80	20	100
	Business Communication Skills	80	20	100
BC-104	Principles of Management	80	20	100
BC-105	Business Mathematics-I	80	20	100
BC(Voc)-105	Computer Fundamentals & Logical Organizations-I	80	20	100
BC(Voc)-106	Business Data Processing & PC Software-I	80	20	100

Semester -II

Internal	Max. Marks
20	
20	100
20	100
20	100
20	100
20	100
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	+ 10+ R

*The Qualifying paper-Environmental Studies I and II shall be taught in the Ist and IInd Semester. However, the examination will be conducted along with IInd Semester.

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Principal Dayanand Mahila Mahavidyala Kurukshetra (Haryana) Convener IQAC

B.Com Computers (Vocational) Syllabus Session 2015-16

Semester-III

Paper Code	Subject	External	Internal	Max Marks
BC-301	Corporate A			THE THE RE
BC-302	Corporate Accounting-I Business Statistics	80	20	100
BC-304	Principles of Marketing	80	20	100
BC-305	Business Laws-I	80	20	100
BC (Voc)-305	Programming in C	80	20	100
BC (Voc)-306	Fundamentals of David	60	20*	80
BC (Voc)-307	Fundamentals of Database System-I On the Job Training Report**	60	20*	80
Internal Asses	ssment will be based on Practical Evo	<u>-</u>		40

^{*}Internal Assessment will be based on Practical Exam conducted by Internal Examiner.

Semester-IV

Paper Code	Subject	External	Internal	Max Marks
BC-401 BC-403 BC-404 BC-405 BC (Voc)-405	Corporate Accounting-II Financial Management Company Law-I Business Laws-II Desktop Publishing	80 80 80 80	20 20 20 20 20	100 100 100 100
BC (Voc)-406	Theory Practical Fundamentals of Database System-II	60 30	10	100
	Theory Practical	60 30	10	100

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Dayanand Mahila Mahavidyala
Kurukshetra (Haryana)

Semester-V

Paper Code	Subject	External	Internal	Max
BC-501	Cost Accounting			Marks
BC-502	Entrepreneurship Development	80	20	100
BC-503	Income Tax-I	80	20	100
3C-504	Company Law-II	80	20	100 100
BC (Voc)-505	Computer Aided Design	80	20	100
C (Voc)-506	Data Structure	60	20*	80
SC (Voc)-507	On the I-1 m.	60	20*	
Internal Asses	sment will be based on Practical F	10	-	40

^{*}Internal Assessment will be based on Practical Exam conducted by Internal Examiner. Semester-VI

Paper Code	Subject	Doctor		
BC-601	Management	External	Internal	Max Marks
BC-602 BC-603 BC-604 BC (Voc)-605	Management Accounting Auditing Income Tax-II Security Market Operations Advanced Computer Applications	80 80 80 80	20 20 20 20 20	100 100 100 100
3C (Voc)-606	Theory Practical System Analysis & Design Theory	60 30	10	100
lote:	Practical	60 30	10	100

**The students shall undergo On-the-Job Training to get a practical experience of the Computer Applications in Business. The faculty will supervise the students for their training. Three copies of the Project Report shall be submitted to the college, which will be sent for evaluation to an external examiner. There will be no Viva-Voce of there project/training reports.

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(2015-18) onwards-

Bachelor in Tourism Management (BTM) - Course Structure-2014-15

SEMESTER - I

		Marks	
Paper No.	Paper title	Internal	External
*BTM 101	English (Compulsory)	20	80
*BTM 102	Hindi (compulsory)	20	80
BTM 103	Business Environment for Tourism	20	80
BTM 104	Introduction to Tourism	20	80
BTM 105	Tourism Product of India (Natural)	20	80
BTM 106 Tourism Product of India (Cultural		20	80
TOTAL MA	RKS	60	0

SEMESTER - II

Section 1980		Marks	
Paper No.	Paper title	Internal	External
*BTM 201	English (Compulsory)	20	80
*BTM 202	Hindi (compulsory)	20	80
BTM 203	203 Geography of Tourism		80
BTM 204 Transport Management		20	80
BTM 205 Tourism Documentation		20	80
BTM 206 Haryana Tourism		20	80
TOTAL MARK	S	6	00

FIELD TRIP

SEMESTER - III

		Marks	
Paper No.	Paper No. Paper title		External
*BTM 301	English (Compulsory)	20	80
BTM 302	Tourism in India	20	80
BTM 303	Hotel Business	20	80
BTM 304	HRM in Tourism	20	80
BTM 305	Computer Applications in Tourism	20+30	50
BTM 306	Communication Skills &	20+30	50
	Personality Development		
FIELD - TRIP REPORT & VIVA-VOCE		100	
TOTAL MARKS		70	00

*BTM-English and Hindi in all semester is same as B.A. General (English & Hindi Compulsory)

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SEMESTER - IV

		Marks	
Paper No.	Paper title	Internal	External
*BTM 401	English	20	80
BTM 402	Pilgrimage Tourism	20	80
BTM 403	Principles of Management	20	80
BTM 404	Tourism Marketing	20	80
BTM 405	An Introduction to Travel Agency & Tour Operation Business in India	20	80
BTM 406	Communicative English	20	80
TOTAL MAI	RKS	600)

ON - THE- JOB - TRAINING

SEMESTER - V

		Marks	
Paper No.	Paper title Paper title	Internal	External
*BTM 501	English	2.0	80
BTM 502	Impacts of Tourism	20	80
BTM 503	Accounting for Tourism	20	80
BTM 504	Sustainable Tourism	20	80
BTM 505	Entrepreneurship in Tourism	20	80
BTM 506	VI 506 International Tourism		80
On - the - jo	b training Report & Viva – Voce	100	
TOTAL MARKS		70	0

SEMESTER - VI

		Marks	
Paper No.	Paper title	Internal	External
*BTM 601	English	20	80
BTM 602	Tourism Administration in India	20	80
BTM 603	Economics of Tourism	20	80
BTM 604	Adventure Tourism	20	80
BTM 605	TM 605 Tourist Guiding		80
BTM 606 Salesmanship in Tourism		20	80
TOTAL MAI	RKS	600	

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Principal
Dayanand Mahila Mahavidyala
Kurukshetra (Haryana)

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Jos Malik

KURUKSHETRA UNIVERSITY KURUKSHETRA

(Established by the State Legislature Act XII of 1956) ('A": Grade NAAC Accredited)

No. ACS-1/18/F-12/6232
Dated 24-418

The Director,

Institute of Environmental Studies, Kurukshetra University, Kurukshetra.

Subject:

Approved Revised Syllabus on "Drug Abuse" to be added to Unit 7th of syllabus of Environmental Studies in all compulsory U.G. courses w.e.f. the session 2018-19 and the implementation of new module of AECC (Ability Enhancement Compulsory Courses) of Environmental Science in all UG Courses under CBCS w.e.f. the session 2018-19.

Dear Sir/Madam.

I am to refer to your letter No. KUK/IES/17/15480-15492 dated 28.10.2017 and to inform you that on the recommendation of the U G Board of Studies in Environmental Science, the Vice-Chancellor has been pleased to approve in anticipation of the approval of the Academic Council; vide resolution No. 2(a), and (b):

- (1) Resolution No. 2(a)a portion of Syllabus on "Drug Abuse" to be added to Unit 7th of syllabus of Environmental Studies in all U.G. compulsory courses w.e.i. the session 2018-19 and;
- (2) Resolution No. 2(b) the implementation of new module of AECC (Ability Enhancement Compulsory Courses) of Environmental Science framed by the U.G.C. for all UG Courses under CBCS in the university for incorporation in scheme of MBA-5 year integrated course, B. Pharmacy, 5year Masters in Performing Arts and B. Tech. coursesand any other courses under Choice Based Credit System w.e.f. the session 2018-19.

The Scheme of Examinations & Syllabi of the above said courses have been displayed on the University website i.e. www.kuk.ac.in. This is for your kind information and necessary action.

Daniel Plaistra (cadenia)

Endst. No. ACS-1/18/F-12/ 6233-6741

24-4-18

Copy of the above is forwarded to the following for information and necessary action:-

- 1. Controller of Examinations-I, KUK, alongwith a copy of Scheme of Examinations of the above said courses.
- 2. All Chairpersons/Directors of UTD concerned.
- 3. Director, Distance Education, KUK alongwith a copy of the Scheme of Examinations and Syllabi of the above said courses with the request to maintain these as 'Master Copy'.
- 4. All Principals of the Affiliated/Maintained Colleges to download Scheme of Examinations & Syllabi from above university website.
- 5. Deputy Registrar/Assistant Registrar/A.O. (Conduct/R-I/II/III), KUK alongwith a copy of the Scheme of Examinations of the above said courses.
- 6. S.A.O. (Secrecy), KUK along with a copy of the Scheme of Examinations and Syllabi of the above said courses with the request to maintain these as 'Master Copy'.
- 7. Director, Information Technology Cell, KUK with the request to get displayed the aforesaid Scheme of Examinations & Syllabi as already e-mailed to him.

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Principal
Dayanand Mahila Mahavidyala

Convener IQAC

Dayanand Mahila Mahavidyalaya Kurukshetra Deputy Registrar (Academic)

SCHEME AND SYLLABUS FOR THE SUBJECT OF **ENVIRONMENTAL STUDIES**

The "Six month module syllabus for Environmental Studies for U.G. Courses" supplied by the UGC for the subject was approved for adoption in the Universities of the State. The subject is to be taught in 1st year of the U.G. Course.

The subject of Environmental studies will be included as a qualifying paper in all UG Courses (including professional courses also) from the session 2004-05 and the students will be required to qualify the same otherwise the final result will not be declared and degree will not

Since the module syllabus for Environmental Studies for U.G. Courses supplied by the UGC has been adopted in toto, the scheme of examination proposed by the UGC has been approved by the Vice-Chancellor alongwith the syllabus of the course under section 11(5) of KU Act, 1986 so that the same becomes operative from the session 2004-05.

Credit System: The core course will be awarded 4 credits.

Exams. Pattern: In case of awarding the marks, the question paper should carry 100 marks. The structure of the question paper being:

Paper-I

PART-A

Short Answer Pattern

25 Marks

PART-B

Essay type with inbuilt choice

50 Marks

Paper -II

PART-C

Field Work (Practical)

25 Marks

Annual System: The examination of this compulsory qualifying subject of Environmental Studies in case of the DCC candidates will also be conducted by the Examination Branch of the University alongwith the annual examinations of other theory papers of the DCC candidates of the respective UG streams. With regard to the Field Work (Practical), the DCC candidates will be required to submit a Report of Practical Assignment of around 20 pages neatly written/typed,

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Kurukshetra

Davangod Mahila Mahavidyala

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duly bound by 30 March of the session which will be got evaluated by the Examination Branch of the University as in case of Practical Assignments/Project Report submitted by the DCC candidates of other courses.

Instructions for the Examiners

Part-A Question 1 is compulsory and will contain ten short-answer type question of 2.5 marks each covering the entire syllabus.

Part-B Eight essay type questions (with inbuilt choice) will be set from the entire syllabus and the candidates will be required to answer any four of them. Each essay type question will be of the 12-1/2 marks.

PCP/Contact Classes: The subject of Environmental Studies will also be taken up in the PCPs/Contact classes to be arranged by the University/Service Providers at their Study Centres/Study Centres in the affiliated colleges of the University with number of lectures at par with other subjects/papers of the respective courses.

Each candidate will be required to score minimum of 35% marks each in theory and Practical separately. The marks obtained in this qualifying paper will not be included in determining the percentage of marks/division obtained by them for the award of 'degree'. However, these will be shown in the detailed marks certificate of the student.

The candidates, who will not be able to pass in the subject of Environmental Studies (Theory and/or Field Work (Practical) in 1st year will have to qualify the same by appearing in the examination of Environmental Studies in 2nd year or 3rd year or thereafter by submitting a 'Reappear'/'Compartment' candidates. There will, however, be no supplementary examination in the subject of Environmental Studies.

CORE MODULE SYLLABUS FOR ENVIRONMENTAL STUDIES
FOR UNDER GRADUATE COURSES OF ALL BRANCHES OF
HIGHER EDUCATION (AS APPROVED BY THE U.G.C.)

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Principal
Dayanand Mahila Mahavidyala
Kurukshetra (Haryana)

Torkener
IQAC
Dayanand Mahila Mahavidyalaya
Kurukshetra

UNIT-1: The Multidisciplinary nature of environmental studies Definition; Scope and importance, Need for public awareness.

UNIT-2: Natural Resources:

Renewable and non-renewable resources:

Natural resources and associated problems.

- a) Forest resources: Use and Over-exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forests and tribal people.
- b) Water resources: Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams benefits and problems.
- c) Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources, case studies.
 - d) Food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies.
- e) Energy resources: Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources, Case studies.
- f) Land resources: Land as a resource, land degradation, man induced landslides, soil erosion and desertification.
- Role of an individual in conservation of natural resources.
- Equitable use of resources for sustainable lifestyles.

UNIT-3: Ecosystems

- Concept of an ecosystem.
- Structure and function of an ecosystem.
- Producers, consumers and decomposers.
- Energy flow in the ecosystem.
- Ecological succession.

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Principal
Davanand Mahila Mahavidyala

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- Food chains, food webs and ecological pyramids.
- Introduction, types, characteristic features, structure and function of the following ecosystem:
 - a. Forest ecosystem
 - b. Grassland ecosystem
 - c. Desert ecosystem
 - d. Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries).

UNIT-4: Biodiversity and its Conservation

- Introduction-Definition: genetic, species and ecosystem diversity.
- Biogeographical classification of India.
- Value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values.
- Biodiversity at global, National and local levels.
- India as a mega-diversity nation.
- Hot-spots of biodiversity.
- Threats to biodiversity: habital loss, poaching of wildlife, man-wildlife conflicts.
- Endangered and endemic species of India.
- Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity.

UNIT-5: Environmental Pollution:

Definition

- Causes, effects and control measures of: -
- a. Air pollution
- b. Water pollution
- c. Soil pollution
- d. Marine pollution
- e. Noise pollution
- f. Thermal pollution

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g. Nuclear hazards

- Solid waste Management: Causes, effects and control measures of urban and industrial wastes.
- Role of an individual in prevention of pollution.
- Pollution case studies.
- Disaster management: floods, earthquake, cyclone and landslides.

UNIT-6: Social Issues and the Environment

- From Unsustainable to Sustainable development.
- Urban problems related to energy.
- Water conservation, rain water harvesting, watershed management.
- Resettlement and rehabilitation of people; its problems and concerns. Case
- Environmental ethics: Issues and possible solutions.
- Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Case studies.

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- Wasteland reclamation.
- Consumerism and waste products.
- Environment Protection Act.
- Air (Prevention and Control of Pollution) Act.
- Water (Prevention and Control of Pollution) Act.
- Wildlife Protection Act. -Forest Conservation Act.
- Issues involved in enforcement of environmental legislation.
- Public awareness.

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UNIT-7: Human Population and the Environment

- Population growth, variation among nations.
- Population explosion-Family welfare Programme.
- Environment and human health.
- Human Rights.
- Value Education.
- HIVIAIDS.
- Women and Child Welfare.
- Role of information Technology in Environment and human health. - Case Studies.

UNIT-8: Field Work (Practical).

- Visit to a local area to document environmental assets-river/forest/grassland/

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- Visit to a local polluted site-Urban/Rural/Industrial/Agricultural.
- Study of common plants, insects, birds.
- Study of simple ecosystems-pond, river, hill slopes, etc.

SIX MONTHS COMPULSORY CORE MODULE COURSE IN

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ENVIRONMENTAL STUDIES: FOR UNDERGRADUATES

Teaching Methodologies

The Core Module Syllabus for Environmental Studies includes class room teaching and Field Work. The syllabus is divided into eight units. The first seven unit will cover lectures to enhance knowledge skills and attitude to environment. Unit eight is based on field activities which will provide students first hand knowledge on various local environmental aspects. Field experience is one of the most effective learning tools for environmental concerns. This moves out of the scope of the next book mode of teaching into the realm of role learning in the field, where the teacher merely acts as a catalyst to interpret what the student observes or discovers in his/her own environment. Field studies are as essential as class work and form an irreplaceable synergistic tool in the entire learning process.

Course material provided by UGC for classroom teaching and field activities be utilized.

The Universities/colleges can also draw upon expertise of outside resource persons for feaching purposes.

Environmental Core Module shall be integrated into the teaching programmes of all

REFERENCES:

- Agarwal, K.C. 2001 Environmental Biology, Nidi Publ. Ltd. Bikaner. 1. 2.
- Bharucha Erach, The Biodiversity of India, Mapin Publishing Pvt. Ltd., Ahmedabad -380013, India, Email: mapin@icenet. net (R). 3.
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- Cunningham, W.P.Cooper, T.H. Gorhani, E & Hepworth, M.T.2001, Environmental Encyclopedia, Jaico Publ. House, Mumbai, 1196p. 6.
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KURUKSHETRA UNIVERSITY KURUKSHETRA

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

No ACS-I/13/ 30899-31023 Dated: 07.08.2013

To

The Principals of all the affiliated/maintained Colleges for Arts/Science, K.U. Kurukshetra

Subject: -Grouping of Subjects of B.A and B.Sc. courses w.e.f. the session 2013-14.

Sir/Madam

In continuation of this office letter No. No ACS-I/13/29210-334 11.7.2013 , I am to inform you that the Vice-Chancellor has been pleased to approve the revised Grouping of subjects in B.A. & B.Sc. Courses as at Annexures-I & II, w.e.f. the admissions of the Academic session 2013-14 in phased mariner in anticipation of approval of the Academic Council.

Further necessary action may kindly be taken accordingly and combination of subjects in B.A. and B.Sc. courses may be given to the students already admitted in B.A/B.Sc. I Semester in the College during the current session 2013-14, within a week of the receipt of this letter.

Yours faithfully

D.A: As above

-Sd-Assistant Registrar (Academic) for Registrar

Endst. No.ACS-I/13/ 31024-31038

dated 07.08.2013

A copy of above alongwith copy of the Annexures is forwarded to the following for information and necessary action. 1.

- Dean Academic Affairs.
- 2. Dean of Colleges.
- Director, Directorate of Distance Education. 3.
- 4. Controller of Examinations.
- Chief Coordinator Examinations. 5.
- Deputy Registrar, o/o the Vice-Chancellor. 6.
- Deputy Registrar/Sr. Admn. Officer/ Asstt. Registrar (Regn. & Sch./ 7. Conduct/Secrecy/R-I, II, & III).
- Head, Automation and Electronic Inf. Mgt. Cell with the request to get 8. displayed the aforesaid Schemes E-mailed on E-mail address sdhingra@kuk.ac.in. of Dr. Sunil Dhingra by replacing the existing scheme of examination for B.A and B.Sc. (General) & Vocational courses.
- 9. PA to the Vice-Chancellor/Registrar (for kind information of the Vice-Chancellor/Registrar).

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D.A: As above

Assistant Registrar (Academic) for Registrar

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KURUKSHETRA UNIVERSITY KURUKSHETRA SCHEME OF EXAMINATION B.A. (GENERAL & VOCATIONAL) COURSE (SEMESTER SYSTEM)

(w.e.f. the Session 2013-14 in phased manner)

- A candidate for B.A.(General) Examination shall be required to take up in each of Semesters/Parts i.e. Semesters I & II, Semesters III & IV and Semesters V & VI, the following subjects:-
 - (a) Compulsory Subjects*:
 - 1. English
 - 2. Hindi/ Punjabi/Sanskrit/Urdu
 - Note: (I) Every candidate must offer Hindi either as a Compulsory subject or as an Elective subject, provided that no candidate shall be allowed to offer Hindi both as Elective as Compulsory
 - (II) A candidate coming from a non-Hindi areas or a candidate covered under Clause 10(iii) of the Ordinance-General Rules for Examinations, shall if he did not offer Hindi /Punjabi/Sanskrit/ Urdu in the Examination qualifying for admission to the B.A.(General) Ist Semester/Part-I offer in lieu of Compulsory Hindi /Punjabi/Sanskrit/Urdu the subject of Additional English which shall carry the same marks as for Hindi/Punjabi/Sanskrit/Urdu.
 - 3. Environmental Studies (Qualifying paper)
 - Every candidate (Regular/Private/DE) is required to offer the compulsory paper of Note: Environmental Studies in all streams at U.G. level. This paper will be of qualifying nature and will be offered in Part-I (Semester I & II). The result of those candidates who fail to qualify this paper in any of the even Semesters i.e. II or IV or VI of the Bachelor's Degree Course, shall not be declared. The examination of Environmental Studies will be conducted for II, IV and VI Semesters on the same date & time.
 - 4. Computer Awareness (Qualifying paper) Note:
 - Unless otherwise exempted, every regular student is required to offer the compulsory paper of Computer Awareness in all streams at U.G. level. This paper will be of qualifying nature and each student will be required to pass Level-I paper by appearing alongwith II Semester or IV Semester or VI Semester. Level-II and Level-III papers of Computer Awareness will be optional. The result of B.A.-VI Semester of those candidates who fail to qualify Level-I paper in Semesters II or IV or VI of the Bachelor's Degree Course, shall not be declared. The examination of Level-I will be conducted for II, IV and VI Semesters on the same date & time.
- (b) Elective Subjects*:
 - 1. Ancient Indian History, Cultural and Archaeology
 - Economics
 - 3. History
 - 4. Hindi or Punjabi or Sanskrit or Urdu
 - 5. Political Science
 - 6. Human Rights
 - 7. Philosophy
 - 8. Public Administration
 - Sociology
 - 10. Mathematics
 - 11. Fine Arts
 - 12. Music Vocal/Instrumental/ Tabla
 - 13. Geography
 - 14. Health and Physical Education
 - 15. Home Science
 - 16. Psychology
 - 17. Statistics
 - 18. Defence Studies
 - 19. Social work
 - 20. Computer Science

*Note: The details of Scheme of Examination and Syllabi in respect of each subject are given separately with the relevant subject.

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2. A candidate shall offer two elective subjects from Group I to Group V selecting any one subject from a given

Group-I	Group-II	Group-III	Group-IV	Group-V	Group-VI (Restructured/
Defence Studies, Hindi, Sanskrit, Urdu, Punjabi, Computer Science/ Computer Applications	Mathematics, Pub. Admn., Sociology, Social Work, Music (Vocal), Music (Instrumental), Music (Tabla), Health & Physical Education	Political Science, Statistics, Fine Arts, Human Rights	Geography, Home Science, Philosophy, Marketing, Economics	Psychology, History, A.I.H. Culture & Archaeology	Vocational Subjects) Office Management*, Commercial Art*, Designing & Painting*, Fruit Preservation, Applied Nutrition Bakery, Tailoring & Hosiery, Rural Industrialization, Marketing, Functional Hindi, Tourism & Travel Mgt., Functional English, Early Childhood Care & Education, Mass Communication & Video Production, Fashion Designing, Agro Service

Provided that -

i) Language offered as Compulsory subject shall not be offered as Elective subject.

ii) A candidate may offer Psychology/Home Science/Geography/Computer Science if he produces a certificate from the Head of the Institution recognized to teach this/these subject(s) or an Institution approved for this purpose by the Board of Studies concerned to the effect that he had completed the course prescribed for the practical work in this/these subject(s).

3. Candidates offering a Restructured Course/Vocational Course starred (*) under Group-VI above, in B.A. (General) Parts-I, II & III Under the U.G.C. Scheme of Restructuring of Courses/Vocational Courses (for students in Colleges), shall be required to offer English/Hindi Compulsory as per following conditions:-

(a) A candidate offering English subject shall take up Hindi in Part-I & II of 100 marks each. If he takes Hindi as an Elective, he will take English as Compulsory in Part-I & II of 100 marks each.

(b) If a candidate does not take English/Hindi as Elective, then he will have one paper of English of 100 marks in Part-I and one paper of Hindi of 100 marks in Part-II.

The syllabus of English (Elective) for the students of Restructured Courses will be the same as for Note: English (Compulsory) for the corresponding class of B.A (General).

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KURUKSHETRA UNIVERSITYETRA

B.Sc (General & Vocational Course) (I toVI Semesters)

Scheme of Examination

(w.e.f. the Session 2013-14 in phased manner)

1. A candidate for B.Sc. Examination shall be required to take up in each of the Semesters i.e. Semesters I & II, Semesters III & IV and Semesters V & VI, the following subjects:-

(a) Compulsory Subjects:

English(Additional subject alongwith the papers of B.Sc. Semesters I & II)

Hindi/Punjabi/Sanskrit(alongwith the papers of B.Sc. Semesters III & IV)

A candidate coming from a non-Hindi area or a candidate covered under clause 10 (iii) of the ordinance-General Rules for Examinations, shall, if he did not offer Hindi/Punjabi/Sanskrit in the examination qualifying for admission to the B.Sc. offer in lieu of Compulsory Hindi/Punjabi/ Sanskrit, the subject of additional English which shall carry the same marks as for Hindi/Punjabi/

Environmental Studies (Qualifying paper)

Every student is required to offer the compulsory paper of Environmental Studies in all streams at U.G. level. This paper will be of qualifying nature and will be offered in Part-I (Semesters I & II). The result of those candidates who fail to qualify this paper in any of the even Semesters i.e. II or IV or VI of the Bachelor's Degree Course, shall not be declared. The examination of Environmental Studies will be conducted for Semesters II, IV and VI on the same date & time.

Computer Awareness (Qualifying paper)

Unless otherwise exempted, every regular student is required to offer the compulsory paper of Note: Computer Awareness in all streams at U.G. level. This paper will be of qualifying nature and each student will be required to pass Level-I paper in Semester II or Semester IV or Semester VI. Level-II and Level-III papers of Computer Awareness will be optional. The result of B.Sc. VI Semester of those candidates who fail to qualify Level-I paper in II or IV or VI of the Bachelor's Degree Course. shall not be declared till they qualify this paper within the stipulated period. The examination of Level-I will be conducted for II, IV and VI Semesters on the same date & time.

(b) Elective Subjects*:

- 1. Physics
- 2. Botany
- 3. Zoology
- 4. Geology
- 5. Home Science
- 6. Chemistry
- 7. Geography
- 8. Mathematics
- 9. Statistics
- 10. Bio-Chemistry
- 11. Environmental Science

(c) Restructured Subjects*/Vocational Subjects*:

- 1. Electronics
- 2. Computer Science
- 3. Genetics
- Computer Application

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Industrial Microbiology

Electronic Equipment Maintenance

Biotechnology

Instrumentation

Principal 10. Food Science & Quality Control Dayanand Mahila Mahaviduelaon and Dietetics

Kurukshetral 2 Har Computer Maintenance

The details of the Scheme of Examination and Syllabi in respect of each subject are separately Note*: given with the respective subject.

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Grouping of subjects for B.Sc. Medical and B.Sc. Non-Medical streams shall be as under: Medical Stream:

Botany, Zoology and one subject out of the following :-

Biochemistry
Biotechnology
Industrial Microbiology
Industrial Chemistry
Environmental Science
Genetics
Chemistry
Clinical Nutrition and Dietetics
Food Science & Quality Control
Home Science

Non-Medical Stream:

Mathematics and two subjects from Group I to Group III, selecting any one subject from a given Group:-

Group-I	Group-II	Group-III
Physics Geology	Electronics Instrumentation Geography Statistics Electronic Equipment Maintenance	Computer Science Computer Applications Information Technology Chemistry Industrial Chemistry Computer Maintenance

Provided that :-

- (i) If a student opts a subject combination in B.Sc.-I which consist of Physics, Chemistry & Mathematics as a one or more than one subject(s), then the candidate must have passed 10+2 examination with the concerned subject(s).
- (ii) If a student opts for a subject combination in B.Sc.-I Semester which consist of Botany, Zoology as a one or more than one subject(s), then the candidate must have passed 10+2 examination with the
- (iii) For the rest of subject combinations as listed in the Scheme of Examination for combinations of subjects for B.Sc. students, in B.Sc.-I Semester, a student must have passed 10+2 examination with at least one subject out of the three subjects of the subject combination opted for.

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Grouping of subjects for B.Sc. Non-Medical streams after inclusion of Environmental Science Subject under Group -II w.e.f the session 2014-15 as under.

"Non-Medical Stream"

Mathematics and two subjects from Group I to Group III, selecting any one subject from a given group

Group-I	Group-II	Group-III
Physics Geology	Electronics Instrumentation Geography Statistics Electronics Equipment Maintenance Environmental Science	Computer Science Computer Applications Information Technology Chemistry Industrial Chemistry Computer maintenance

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Dayanand Mahila Mahavidyalaya

Kurukshetra

DEPARTMENT OF COMMERCE

KURUKSHETRA UNIVERSITY KURUKSHETRA

(Established by the State Legislature Act XII of 1956)

A meeting of the Undergraduate Board of Studies (UGBOS) in Commerce was held on 30th June, 2017 at 11:00 a.m. in the office of the undersigned. The following members attended the meeting.

Members Present:

1.	Prof. Neelam Dhanda	Chairperson, Dept. of Commerce, KUK
2.	Dr. Mahesh Garg	Professor, GJU S&T, Hisar
3.	Dr. Manjit Singh	Professor, Punjabi University, Patiala
4.	Dr. Virender S. Poonia	Associate Professor, Dept. of Commerce, KUK
5.	Ms. Rashmi Chaudhary	Assistant Professor, Dept. of Commerce, KUK
6.	Dr. (Mrs.) Nisha Jain	Principal, Maharana Pratap National College, Mullana
7.	Dr. Anju Bala Chawla	Assoc. Prof., DN Mahila Mahavidyalaya, Kurukshetra
8.	Dr. Kulbir Singh	Associate Professor, CR Kisan College, Jind
9.	Dr. Avtar Bhikahn	Associate Professor, DAV College, Cheeka

The various agenda items were discussed and resolved:

- 1. The minutes of the last meeting held on 07.09.2016 were confirmed.
- 2. The scheme of examination and detailed syllabi for B. Com. (General, Hons. & Vocational) was discussed in the meeting and after deliberations the Board unanimously approved the Scheme and Syllabus of B.Com. (General, Honours and Vocational) applicable w.e.f. session 2017-2018 in phased manner.
- 3. The Board approved the panel of paper setters for B. Com.-1st Sem. (General & Hons.) as per revised scheme and syllabi for the session 2017-2018. The Board also authorized the Chairperson, Department of Commerce, KUK to give more names of paper setters as and when required. The names of the paper setters will be sent to the Asstt. Registrar (Secrecy) under confidential cover.
- 4. The Board also approved and recommended the Add-On Course entitled "Office Management & Secretarial Practice" submitted by DAV College (Lahore), Ambala City under the Scheme of Career Oriented Courses w.e.f. 2017-2018 in a phased manner.

The meeting ended with the votes of thanks to the chair.

(Prof. Neelam Dhanda)

(Dr. Virender S. Poonia)

(Ms. Rashmi Chaudhary)

(Dr. Mahesh Gara)

(Dr. Maniit Singh)

(Dr. (Mest Nisha Jain

(Dr. Aniu Bala Chawla)

(Dr Kulhir Singh)

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