



UTKAL UNIVERSITY
VANI VIHAR, BHUBANESWAR-751004

No. EC-IV/CE/ **2088** /2019

Date: **07/09/2019**

From

The Controller of Examinations,
Utkal University

To

1. The Principals of all +3 Affiliated/Self Financing Colleges under Utkal University;
2. The Director, D.D.C.E., Utkal University

Sub: Regarding allotment of Generic Elective Papers, Question Pattern & Passing criteria for +3 Arts & Science under CBCS Pattern from the year 2019-20- Detailed paper wise.

Sir/Madam,

In conformity to the U.G.Model Syllabus queries has been received from different quarters regarding allotment of Generic Elective subjects. It is clarified that the Affiliated Colleges will follow the table given below in allotting Generic Elective to the students. Further, they are requested to apprise the students regarding the **'New Question Pattern'** and the **'Criteria for Passing'** the Degree Examinations as per the **New Regulation 2019-20**.

(A) The students will be allotted **two Generic Elective Subjects** with **two papers each** to be read in Semesters system of +3 Arts & Science (CBCS) Examination out of four Generic Elective papers as per the Model Syllabus from the year 2019-20 already uploaded in Govt. of Odisha, Higher Education Department Website. You are requested to allot these G.E. subjects and Papers to **2019 Admission Batch students** strictly as per the following table and examples for smooth conduct of academic and examination activities.

GENERIC ELECTIVE PAPERS (ARTS)

Sl. No.	Name of the Subject	G.E.Paper-1	G.E. Paper-2
01	Anthropology	Introduction to Socio-cultural Anthropology	Anthropology of India
02	Economics	Indian Economy-I	Indian Economy -II
03	Education	Educational Philosophy	Educational Assessment and Evaluation
04	English	Academic Writing and Composition	Language and Linguistics
05	Geography	Geography of India	Geography of Odisha
06	History	History of India-I (Early Times to 1750)	History of India – II (1750-1950)
07	Hindi	Madhya Kalina Itihas and Bhakti Kabita	Sahitya and Sandarva : Bibidhyabad
08	Home Science	Human Nutrition	Human Development and Family Studies
09	Library & Information Science	Users Study & Users Evaluation	Library & Mass Communication
10	Law	Jurisprudence	Constitutional Law of India
11	Odia	Gana Madhyam, Betara Kala & Bigyanpana Kala	Sahitya Adhyana

Sl. No.	Name of the Subject	G.E.Paper-1	G.E. Paper-2
12	Philosophy	Symbolic Logic	Indian Philosophy
13	Political Science	Feminism-Theory & Practice	Governance: Issues and Challenges
14	Psychology	Introductory Psychology	Basic Psychological Processes
15	Public Administration	Concept and Approaches in Public Administration	Indian Administration
16	Sanskrit	Moral Teaching and Basic Sanskrit	Khandakavya and Darshan Kavya
17	Sociology	Introduction to Sociology-1	Indian Society
18	Statistics	Statistical Methods	Applied Statistics

GENERIC ELECTIVE PAPERS (SCIENCE)

Sl. No.	Name of the Subject	G.E.Paper-1	G.E. Paper-2
1	Biotechnology	Biochemistry and Molecular Biology	Environmental Biotechnology and Bioethics
2	Botany	Biodiversity (Microbes, Algae, Fungi & Archegoniate)	Plant Physiology & Metabolism
3	Chemistry	Atomic structure, Bonding, General Organic Chemistry & Aliphatic Hydrocarbons	Chemical Energetics, Equilibria & Functional Organic Chemistry
4	Computer Science	Computer Fundamentals	C and Data Structures
5	Environmental Science	Environment and Society	Human-Wildlife Conflict and Management
6	Geology	General geology and Mineralogy	Petrology and Historical geology
7	Mathematics	Calculus and Differential Equations	Algebra
8	Physics	(Mechanics and Properties of matter, Oscillation and Waves, Thermal Physics, Electricity and Magnetism and Electronics)	(Optics, Special Theory of Relativity, Atomic Physics, Quantum Mechanics and Nuclear Physics)
9	Zoology	Animal Diversity	Food, Nutrition And Health
10	Industrial Fish and Fisheries	Taxonomy, Fishery, Aquaculture, Behaviour, Aquarium, Fish Breeding	Disease, Fishing Methods, Ornamental Fish, Post Harvest Technology, Fish Marketing Fishery Co-operative

EXAMPLES FOR ALLOTMENT OF GENERIC ELECTIVE SUBJECTS

Semester	Stream	Hons. Paper with Subject	G.E. subject with paper name
1 st Semester	Science (Hons.)	Physics-Core-1 & Core-2	GE-Chemistry-Paper-1
2 nd Semester	-do-	Physics-Core-3 & Core-4	GE-Mathematics-Paper-1
3 rd Semester	-do-	Physics-Core- 5,6 & 7	GE-Chemistry Paper-2
4 th Semester	-do-	Physics-Core-8,9 & 10	GE-Mathematics-Paper-2
1 st Semester	Arts (Hons.)	Pol. Science-Core-1 & Core-2	GE-Odia-Paper-1
2 nd Semester	-do-	Pol.Science-Core-3 & Core-4	GE-History-Paper-1
3 rd Semester	-do-	Pol.Science-Core- 5,6 & 7	GE-Odia-Paper-2
4 th Semester	-do-	Pol.Science-Core-8,9 & 10	GE-History-Paper-2

(B) EXAMINATION QUESTION PATTERN

1.1 For subject without having practical full marks are 100 per paper out of which 20 marks are allotted for Mid-Semester Examination (Internal) and 80 marks for end semester examination.

- The question papers shall be divided into four parts.
- Part-1 will carry 20 one mark questions in the form of fill in the blanks and one word answer (20 marks)
- Part-2 will carry 10 two marks question of which 8 have to be answered. The answer should be within two to three sentences maximum (16 marks (8*2))
- Part-III will carry 10 three mark questions of which 8 have to be answered. The answer should be within 75 words maximum. (24 marks (8*3))
- Part-IV will 2 ten mark questions of EITHER OR format. The EITHER OR in question can be from same or different units of the paper. The answer should be within 500 words maximum (20 marks (2*10))

1.2 For subject other than language subjects and with practical full marks are 100 per paper out of which 15 marks is allotted for Mid- Semester Examination, 60 marks is for End Semester Examination and 25 marks is for practical.

- The question papers shall be divided into four parts.
- Part-1 will carry 12 one mark questions in the form of fill in the blanks and one word answer (12 marks)
- Part-2 will have 10 questions carrying 1.5 marks of which 8 have to be answered. The answer should be within two to three sentences maximum (12 marks 8*1.5)
- Part-III will carry 10 questions carrying 2.5 marks of which 8 have to be answered. The answer should be within 75 words maximum. (20 marks 8*2.5)
- Part-IV will have two 08 mark questions of EITHER OR format. The EITHER OR in question can be from same or different units of the paper. The answer should be within 500 words maximum (16 marks (2*8))
- Practical will carry 25 marks out of which 05 will be for records.

1.3 For Language courses like Odia, Hindi, Sanskrit, English, the question pattern and marking scheme will be as given in the curriculum.

(C) MINIMUM PERCENTAGE AND MARKS TO BE OBTAINED FOR PASS:**A. Paper Without Practical :**

Mid Term	Term End	Pass Mark Term End	Total	Paper Pass Mark
20	80	30% out of 80 (i.e. 24 marks)	100	40 out of 100 By taking both components (i.e. Mid-Term + End Term Exam.)

- Term End (University Examinations) Total Mark: 80, 30% out of 80 (i.e. 24 mark)
- Total Mark: 100 (40 out of 100)
- **No Pass mark for Mid Term Exam.** A student has to appear the Mid Term Exam. Securing 'ABSENT' in both the chances in Mid Term exam student will be declared fail in that paper, though he/she secures pass mark in theory paper.

B. Paper With Practical :

Mid Term	Term End				Total	Paper Pass Mark
	A-Theory	Pass Mark A-Theory	B-Practical	Pass Mark B-Practical		
15	60	30% out of 60 (i.e. 18 mark)	25	40% out of 25 (i.e. 10 mark)	100	40 out of 100 By taking (i.e. Mid-Term + End Term Exam + Practical)

- Term End (University Examinations) Total Mark: 60, 30% out of Total Mark(i.e. 18 mark)
- Minimum pass mark for practical paper is 40%.
- Total Mark: 100 (40 out of 100)
- **No Pass mark for Mid Term Exam.** A student has to appear the Mid Term Exam. Securing 'ABSENT' in both the chances in Mid Term exam student will be declared **fail** in that paper, though he/she secures pass mark in theory paper.

NB: In order to clear a Semester examination a candidate is required to pass in all theory & practical papers/project component of the said semester.

All the Principals/Directors of affiliated colleges/institutions are requested to follow the above guidelines in principles. Discrepancies if any may be brought to the notice of the undersigned immediately for further course of action at this end.

Yours faithfully,

Controller of Examinations

Memo No. EC-IV/CE/ 2089 /2019

Date: 07/09/2019

Copy forwarded to:

1. The Vice-Chairman, Odisha State Higher Education Council, Pustak Bhawan, Bhoi Nagar, Bhubaneswar;
 2. Shri Parameswaran B, IAS, SPD, OHEPEE, Bhubaneswar;
 3. The Director, Higher Education, Odisha, Bhubaneswar;
 4. The Officer-in-Charge, SPTC, Higher Education Department, Govt. of Odisha, Bhubaneswar;
- for kind information.

Controller of Examinations