

Generic Elective papers for Semester 1 ; 2020-21

S.No.	Department Name	Paper Name
1.	Department: Botany	Name of the Paper: Biodiversity (Microbes, Fungi, Algae and Archegoniates)
<p>Description: Biodiversity (Microbes, Fungi, Algae and Archegoniates) (BHGE1) Generic Elective - (GE) Credit:6 Course Objective (2-3)</p> <p>Biodiversity generally refers to the variety and variability of life on earth. Plants are relevant to humans as they provide us with food, shelter, clothing, energy, health, aesthetic beauty, environment and even economy. This paper is relevant to ALL students.</p> <p>1. Introduction to Biodiversity ranging from Microbes (Viruses and Bacteria), to Fungi, to various plant groups (Algae and Archegoniates-Bryophytes, Pteridophytes and Gymnosperms). 2. Information on the Ecological and Economic Importance of Microbes, Fungi and various plant groups to enable students understand and appreciate relevance of Microbes and Plants to environment and human well-being. 3. Insight into the line of Plant Evolution on Earth and the consequent Biodiversity is instrumental in creating Awareness on the threats to biodiversity and sensitize young minds towards the Biodiversity Conservation for sustainable development.</p> <p>Course Learning Outcomes</p> <p>1. Combination of Theoretical and Practical components will provide comprehensive information and insight into the fascinating world of Microbes and Plants. 2. Hands on Training will help students learn use of microscope, mounting, section-cutting and staining techniques for the study of plant materials. 3. Making Drawings in Practical Records will enhance understanding morphological and structural details and related functional aspects in diverse plant groups. 4. Use of Illustrations, Photographs, Charts, Permanent Slides, Museum and Herbarium Specimens along with ICT Methods will provide an interesting insight into the beautiful world of microbes and plants. 5. Scope of Biodiversity includes Medicinal field, Industry, Agriculture, Research and Study, Job Opportunities and Environmental Conservation. This paper is both informative and interesting and will enable students to learn about Biodiversity not only as a plant or nature lover, but also for higher academic pursuits, particularly in the field of Biological Sciences, Environment and Biodiversity Conservation. http://du.ac.in/du/uploads/RevisedSyllabi1/Annexure-97.%20(B.Sc.(H)%20Botany).pdf</p>		
2.	Department: Business Economics	Name of the Paper: Digital Marketing
<p>Description: This paper provides an understanding of the basic concepts of marketing like segmentation, positioning, product life cycle, price, promotion, etc. It goes further to create an understanding of the way digital platforms are used to create awareness and promotion of products/ services. The use of Facebook and LinkedIn to catch the attention of the prospect by targeting the right products through SEO, cookies is enriching.</p>		
3.	Department: Chemistry	Name of the Paper: Atomic Structure, Bonding, General Organic Chemistry & Aliphatic Hydrocarbons
<p>Description: This paper is the recapitulation of the fundamentals of chemical bonding in compounds and a study of their periodicity in properties. Quantum mechanical model of the atom has also been introduced. Organic reaction mechanisms have been covered such that they may be identified, correlated and applied in explaining fundamental reactions.</p>		

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4.	Department: Commerce	Name of the paper: Business Organization and Management
<p>Description: B.COM(H) GE SEM-1 Name of the Paper: Business Organization and Management</p> <p>Offered to students of: BA (H)</p> <ul style="list-style-type: none"> · Objective: The objective of the course is to equip students with the world of business organization and management and explore the business activities to compete in a competitive environment. · Course Coverage: It will prepare the students to understand the nature of organization and management, explore entrepreneurship from local to international perspective, the impact of legal, social, and economic environment on business, role of leadership, motivation, and decision making to better analyze business problems and increase efficiency. · Add- on skill: It is beneficial for everyone as in the changing times the quest is towards creating jobs in the economy for which basic knowledge of business has become a prerequisite. · Methodology: The course will be taught primarily through lectures and discussions, supplemented with assignments and quizzes/tests, case studies, small group activities, audio-visual media, in-class exercises, and handout materials. <p>URL for the syllabus: http://du.ac.in/du/uploads/Revi_syll_19082019/19082019_31_July_Final_B.Com_hons_SYLLABUS.pdf Pg. Number 122</p>		
5.	Department: English	Names of the Paper: 1. Comic books and Graphic Novels 2. The individual and Society
<p>Description: The Department of English offers TWO Generic Elective Papers:</p> <p>1. Comic Books and Graphic Novels</p> <p>Does beauty catch your eye and move your heart? Do you like art? Looking at images? Do you find yourself laughing hard when something witty is said? Thinking impressed, wow, that was so well put! And when beauty and wit combine, you enjoy yourself even more? Well, this course is for you!</p> <p>This paper looks at the combination of drawings and words and how they produce the effect jointly on us. Our first memories of this are the small cartoons we read in schoolbooks or newspapers, or the animation films of Tom and Jerry or the beloved Cartoon Network we watched through childhood. Now we shall analyse these graphic arts and comic narratives in this course to understand why we were so happy watching them, what pleasure we felt, and how these pleasures are connected to our experiences of lived systems and structures. Can cartoons tell us about the world? About how our bodies should look, who is valued and how someone is devalued, and how the world should be and how it is? They do. The graphic novel form is one of the most original literary forms today. We will study about how growing up as a female teenager in Iran in the 1980s was, and how we can travel in time to ancient Egypt (Asterix and Obelix), or understand caste (Gardener in the Wasteland) or sexuality (Kari) as a queer person in India today.</p> <p>If your eyes love to look at things and stories move you, this course is for you.</p> <p>2. Individual and Society</p> <p>This course has a fairly slim, but a very well put together text- which looks at 5 primary coordinates through which we experience our lives- 1) Caste/ Class 2) Gender 3) Race 4) Violence and War 5) Living in a Globalized World. Each section has a mix of poems, prose pieces and short stories that take the theme forward. It is the kind of course that helps you to better formulate and articulate your thoughts on these extremely important concerns of our times. It remind us of how caste still exists, how women are still made to feel secondary, how race functions at times crushingly and at times invisibly to disempower a huge section of the world even when colonialism is formally over.</p>		

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<p>It talks of how societies participate in war and violence at times actively and at times by their sheer silence. It talks of how our identities are a matrix of various subject positions. In short a very stimulating course that invariably leads to very exciting classroom discussions!</p>		
6.	Department: Economics	Name of the paper: Introductory Microeconomics
<p>Description: Credit: 6</p> <p>Course Objective and Learning Outcomes This course is designed to expose the students to the basic principles of microeconomic theory. The emphasis will be on thinking like an economist and the course will illustrate how microeconomic concepts can be applied to analyse real-life situations. The course introduces the students to the perspective of individual decision making as consumers and producers. The students learn some basic principles of microeconomics, interactions of supply and demand and characteristics of perfect and imperfect markets. The input markets will also be covered in order to explain how the buying and selling of inputs takes place. There are 5 units in this paper as mentioned below: Unit 1: Introduction Unit 2: Supply and demand: Markets and welfare Unit 3: The households Unit 4: The Firm and Perfect Market Structure Unit 5: Imperfect Market Structure Unit 6: Input Markets</p> <p>Reference books: 1. Bernheim, B., Whinston, M. (2009). <i>Microeconomics</i>. Tata McGraw-Hill. 2. Mankiw, N. (2007). <i>Economics: Principles and applications, 4th ed.</i> Cengage Learning.</p>		
7.	Department: हिन्दी	Name of the Paper: हिन्दी सिनेमा और उसका अध्ययन
<p>Description: Unique Paper Code - 12055103 पेपर : 1.3(ख) हिन्दी सिनेमा और उसका अध्ययन यह पेपर अत्यंत रोचक और करियर के दृष्टि से महत्वपूर्ण है इस पेपर के अध्ययन से हिन्दी सिनेमा जगत और उससे संबंधित समाज और संस्कृति की जानकारी मिलेगी, साथ ही सिनेमा के निर्माण, प्रसारण और उसके प्रयोग से संबंधित आलोचनात्मक चिंतन की समझ भी विकसित होगी सिनेमा के इतिहास का विस्तृत अध्ययन करने के साथ- साथ सिनेमा निर्माण की विभिन्न विधियों से भी आप परिचित होंगे सिनेमा निर्माण में कैमरे की भूमिका महत्वपूर्ण होती है, इस पेपर में कैमरे के विभिन्न प्रकार और उनकी व्यावहारिक जानकारी प्रदान की जाएगी पाठ्यक्रम में व्यावहारिक पहलू के अन्तर्गत हिन्दी की कुछ महत्वपूर्ण फिल्मों को भी दिखाया जाएगा इस पेपर का अध्ययन करके आप शॉर्ट फिल्म या डॉक्युमेन्ट्री फिल्म बनाने की विधि से भी परिचित होंगे सधन्यवाद विद्यार्थी पाठ्यक्रम के लिए लिंक पर क्लिक करें http://www.du.ac.in/du/uploads/Syllabus_2015/B.A.%20Hons.%20Hindi.pdf (पृष्ठ न. 02)</p>		
8.	Department: History	Name of the Paper: Delhi Through The Ages: The Making of Its Early Modern History

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Description: The History Department offers a very interesting and fascinating paper titled ‘Delhi Through the Ages: The Making of its Early Modern History’. It is a good paper to understand the History and Culture of Delhi, whether you belong to this city or are from outside. The paper begins by looking at the early past of Delhi, exploring its earliest cities of Indraprastha and Lalkot, understanding both the aspects of myth and archaeology of these cities. The ecological composition of Delhi plays a vital role in the formation of the early cities, the different capital cities shifted accordingly, availability of water being an essential requirement to quench the city. We take up two case studies of two cities usually, Siri and Mehrauli. We study about Shahjahanabad and Qila Mubarak (Red Fort) as a site of power and the morphology of the city and the paper culminates by understanding the politics of upheaval and social empowerment of 18th century Delhi.

9.	Department: Mathematics	Name of the Paper: Calculus
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Offered to: B.A.(H), B.Sc(H) (For students other than B.Sc. (Hons.) Mathematics), Sem-1

About the paper

Calculus is the branch of mathematics that studies continuously changing quantities. Calculus deals with limits, differentiation and integration of functions of one or more variables.

It is the language of engineers, scientists and economists. The work of these professionals has a huge impact on our daily life – from our cell phones, TV, car to economy, national defence etc. It helps economists to grow up their business for example they use calculus to determine the right time for buying and selling of products.

It is required by architects and engineers to determine the size and shape of the curves. Without the use of calculus, roads, bridges and tunnels would not be safe as they are today. There are many other areas where calculus is used.

Url of Syllabus: [http://www.du.ac.in/du/uploads/RevisedSyllabi1/Annexure-78.%20\(GE%20for%20Hons.\(REVISED\).pdf](http://www.du.ac.in/du/uploads/RevisedSyllabi1/Annexure-78.%20(GE%20for%20Hons.(REVISED).pdf)

10.	Department: Microbiology	Name of the Paper: Introduction and Scope of Microbiology
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Description: The objective of this paper is to introduce to the students of other disciplines the fascinating world of microorganisms. The content of the paper is based on the development of microbiology as an important scientific discipline, the diversity among different groups of microorganisms and their impact on various spheres of our life and the environment.

11.	Department: Philosophy	Name of the Paper: Ethics in the Public Domain
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Description: The course aims to develop an ethical perspective on socio-political and economic issues where the public discourses and debates are often bereft of ethical/moral considerations and are often plagued with objectivism and materialism. Through theoretical understanding of ethics and its practical application in daily life, it generates ethical awareness/sensitivity necessary for overall wellbeing and inspires to contribute voluntarily to the society as a responsible member.

OBJECTIVE:

1. To equip the students with tools and techniques for handling socio-political issues that affect them on individual/collective basis.
2. Larger awareness of public issues and empathy with marginalized issues in society.
3. Inculcate a sense of ethical responsibility and a vision to challenge the existing norms in need of change.

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Syllabus: http://du.ac.in/du/uploads/Revi_syll_19082019/19082019_BA%20Hons%20Philosophy%20Booklet.pdf		
12.	Department: Physics	Name of the Paper: Electricity and Magnetism
<p>Description: Unique Paper Code: 32225101</p> <p>Offered to students of: Sem I of all undergraduate courses</p> <p>We use electricity and magnetism every day, but how do they work? How are they related? The electricity and magnetism course explains electricity from charged particles at the atomic level to the current that flow in electronic devices. Numerous topics that will be covered in this course are: Coulomb's Law, electric field, Gauss' Law, scalar and vector potentials, magnetic fields, Ampere's Law, Faraday's Law, magnetic materials. Finally, pulling together everything we will learn a coherent form called Maxwell's Equations. These equations are applicable in radio, television, radar, wireless internet access, and Bluetooth technology.</p> <p>Syllabus url: http://du.ac.in/du/uploads/RevisedSyllabi1/24072019_BSc_hons_physics_2019July15.pdf</p>		
13.	Department: Physical Education and Sports Sciences	Name of the Paper: Yoga and Stress Management
<p>Description: Department of Physical Education and Sports Sciences offering a life-skills oriented paper on "Yoga and Stress Management" as a GE option in Semester-I. This is a practical-based paper, as students will learn by doing different asanas and pranayamas, taught by Dr.Rakesh Kumar, Assistant Professor.</p> <p>The paper is for 100 marks, the break-up for which is:</p> <ul style="list-style-type: none"> • 50 marks for theory • 25 marks for practical • 25 marks for internal assessment <p>The contents of this paper will help to improve the physical, physiological and psychological aspects of an individual with the help of certain yogic asanas and Pranayama. There are a total of 18 Yogic asanas viz; Meditative Asanas, Sitting Asanas, Standing Asanas, Supine Position Asanas, and Prone Position Asanas. There would also be a total of 6 different types of Pranayama viz; Anulom and Vilom, Sheetkari, Sheetal, Suryabhedan, Ujjayi and Bhramari Pranayama, which will be dealt with in detail. Students can also learn the techniques of Trataka Kriya, Kapalbhathi, Meditation, Autogenic Training, Progressive Muscle relaxation and Deep-breathing. A yogic practitioner also might be invited to give the students a practical experience.</p> <p>The syllabus also deals with defining Stress and its causes. They will learn about the different methods of managing stress which is very relevant in the current lifestyle.</p> <p>Literature for this syllabus is available in both English and Hindi. This is a bilingual paper as they can answer in either Hindi or English in the semester examination. With the help of this subject, the students can improve their concentration and memory which will ultimately help to improve their academic performance. It is also a life-skills paper, wherein, all that is learnt can be used throughout the lifetime to maintain physical and mental harmony.</p> <p>Dr. Sheela Kumari S. Teacher in Charge</p>		

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14.	Department: Political Science	Name of the Paper: 1. Nationalism in India 2. Politics of Globalisation
<p>Description: The Department of Political Science is offering two GE papers for B A Honours first year students in semester I: Nationalism in India and Politics of Globalisation.</p> <p><u>Nationalism in India</u></p> <p>Unique Paper Code - 12325901</p> <p>‘Nationalism in India’ is the Political Science GE paper which is offered to the B.A. Honours Semester I students. The aim of this paper is to acquaint the students with the Indian freedom struggle waged against the British colonialism. It offers different theoretical perspectives such as Nationalist, Imperialist, Marxist and Subaltern in order to understand this struggle in a holistic manner. This paper traces the history of Indian freedom struggle from the nineteenth century till the mid-twentieth century by critically analysing its various important dimensions such as reformism, anti-reformism, nationalism, constitutionalism, radicalism, Gandhian era and communalism. It also discusses some of the relevant issues of Indian politics such as class, caste and gender.</p> <p>This paper has been divided into five units – approaches to the study of nationalism in India, reformism and anti-reformism in the nineteenth century, nationalist politics and expansion of its social base, social movements, and partition and independence. This course consists of 100 marks – comprising 25 marks for internal assessment and a written paper of 75 marks.</p> <p>This paper would especially interest those students who are keen to learn about India’s history and those who want to prepare for government jobs in future.</p> <p><u>Politics of Globalisation</u></p> <p>Unique Paper Code - 12325907</p> <p>Globalisation, which though not a new phenomena its scope and scale has increased over the years. In the contemporary world the dominant theme in our lives has been globalisation, and this paper “Politics of Globalisation” would help the students from various backgrounds to have an understanding of how globalisation is viewed through the lens of politics. Politics of Globalisation, attempts to study the importance and the existence of the concept of nation states. As globalization has created an upheaval in the territorial sovereignty of nation states, it has also diminished the power and stability of many poor states. This has primarily been due to the rise and the important role played by the non-state actors in resolving the innumerable contemporary problems that the world is facing.</p> <p>The present pandemic and the permeability of the borders have proved the vulnerabilities of the nation states. In the course of the study of this paper the students would understand and view every topic that the world is grappling with, such as human migration, ecological problems, new global social movements or many other issues in an objective, critical and analytical manner. In order to understand more about the objectives and learning outcomes of this paper, the link of the syllabus is shared herein below for easy access for the students.</p> <p>Revised Syllabus BA HONS POLITICAL SCIENCE FIRST SEMESTER.pdf</p>		

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15.	Department: Sanskrit	Name of the Paper: Basic Principles of Indian Medicine System (Ayurveda)
<p>Description: UPC- 12135904</p> <p>आयुर्वेद जैसा कि नाम से ही ज्ञात हो रहा है कि आयु को देने वाला वेद अर्थात् ज्ञान आयुर्वेद के नाम से जाना जाता है। आयुर्वेद जीवन का ज्ञान है जो बताता है कि मानव किस प्रकार एक स्वस्थ जीवन को जी सकता है। आयुर्वेद रोगी व्यक्ति को निरोगी बनाने के लिए प्रमुख रूप से आठ प्रकार की चिकित्सा करता है। इसके प्रमुख सिद्धांतों में पंचमहाभूत (पृथ्वी, जल, तेज, वायु, आकाश) त्रिदोष (वात, पित्त, कफ) सप्त धातुओं पर विशेष रूप से ध्यान दिया जाता है। आयुर्वेद को प्रथम वर्ष में पाठ्यक्रम के रूप में सम्मिलित किया गया है क्योंकि आधुनिक समय में प्रत्येक व्यक्ति किसी न किसी रूप में शारीरिक एवं मानसिक व्याधियों से ग्रस्त दिखाई देता है। एक स्वस्थ तन में ही स्वस्थ मन का निवास माना जाता है। आयुर्वेद शारीरिक स्वास्थ्य को बनाए रखने के लिए मानसिक स्वास्थ्य की भूमिका पर भी बल देता है। प्रत्येक मानव एक स्वस्थ तथा पूर्ण आयु जीने की इच्छा रखता है परंतु आधुनिक काल में मानव तनाव से घिरा हुआ रहता है जिसके कारण वह इस इच्छा को पूर्ण नहीं कर पाता है। इस इच्छा को पूर्ण करने हेतु आयुर्वेद का अध्ययन करना अत्यंत महत्वपूर्ण प्रतीत होता है।</p>		
16.	Department: Zoology	Name of the Paper: Animal Diversity
<p>Offered to students of: Sem I of all undergraduate courses</p> <p>Course Learning Objective: Zoology is the scientific study of animal life. Animals are the most diverse creatures on this planet. This course gives a framework for understanding the diversity within different groups, and interrelationship among different species and genera within each group. The aim of this course is to understand the importance of animal kingdom in context to hierarchy, body plan and their role in ecological development. This course provides an overview of the invertebrate and vertebrate animals. Course Learning Outcome: Upon completion of the course, students will be able to:</p> <ol style="list-style-type: none"> 1. Distinguish between major phyla of animals through a demonstrated understanding of their taxonomic classification and diversity. 2. Describe the distinguishing characteristics of all major phyla. 3. Understand the fundamental differences among animal body plans and relate them to function, taxonomic classification, and evolutionary relationships among phyla. 4. Illustrate life cycles, structure, function and reasons for importance of few representative organisms from different groups of animals. 6. To create awareness and concern towards importance of animal diversity for human survival and its socio- economic significance. <p>Syllabus link: http://du.ac.in/du/uploads/Revi_syll_19082019/19082019_B.%20Sc.%20(Hons.)%20Zoology.pdf</p>		