

CIVIL SERVICES

GUIDANCE ENDEAVOUR (CSGE)

GENERAL STUDIES-(Material I)

(NOTE:1 The material has been prepared from sources in the public domain for the guidance of students .The intention is to make students aware of the range of topics that they are expected to know while attempting papers on general studies. The responses to topics given below are not exhaustive. Students may have to do additional reading . Occasionally lectures by experts will be arranged on selected topics.2 Uniformity in presentation of the material could not be maintained, which is regretted.)

Meaning of Social forestry

Social Forestry means the management and protection of forests as well as afforestation of barren lands with purpose of helping in the environmental, Social and rural development. Social forestry is forestry for community development. Thus, it is people oriented, value based management of forests with a major objective of satisfying the needs, wants and aspirations of people.

Bhimrao ambedkar:social thought

Due to his seminal role in the framing of the Indian Constitution, Dr Bhimrao Ambedkar is popularly known all over India as the chief architect of the Indian Constitution. His efforts to eradicate social evils

were remarkable and that is why he is called the “messiah” of the Dalits and downtrodden in India.

UAE and India

UAE is a special partner in India’s look west policy. UAE with its surplus of oil and capital can fuel the demand of India. Indian diaspora is a huge source of human resource for UAE. The relation pillars can be summarised under the two heads: Economically: Central to India’s pitch for improving foreign direct investment and strategically to counter terrorists.

What is citizens' charter

Citizens' Charters initiative is a response to the mission for solving the problems which a citizen meets, day in and day out, while dealing with the organisations providing public services. The charter is the declaration of commitment to superiority in service to customers of the government department. The citizen charter declares the standards for various services rendered by the department.

Samagra Shiksha

The Union Budget, 2018-19, has proposed to treat school education holistically without segmentation from pre-nursery to Class 12. Samagra Shiksha - an overarching programme for the school education sector extending from pre-school to class 12 has been, therefore, prepared with the broader goal of improving school effectiveness measured in terms of equal opportunities for schooling

India's infrastructure cooperation with Afghanistan

This highway is also known as Route 606. Length of the highway is nearabout 200Km. It connects Delaram(border city of afghanisatn) to Zaranj (Capital of Nirmuz province of Afghanistan). India Financed this project. Border road organization has constructed

What are DNA Vaccines

DNA vaccines are third generation vaccines, made up of small, circular pieces of bacterial DNA, plasmids. These plasmids are genetically engineered to produce specific antigens from a pathogen. The DNA is injected into the cells of the body where the host cell then interprets the DNA and uses it to synthesize the pathogen's proteins.

National electronics policy

The Union Cabinet gave its approval to the National Policy on Electronics 2019 (NPE 2019), proposed by the Ministry of Electronics and Information Technology (MeitY). The Policy envisions positioning India as a global hub for Electronics System Design and Manufacturing - (ESDM) by encouraging and driving capabilities in the country for developing core components,

What is build operate annuity model

The Build Operate and Transfer (BOT) Annuity Model Under BOT annuity model, a developer builds the highway, operates it for a specified duration and transfers it back to the government. The government starts payment to the developer after the launch of commercial operation of the project.

What is sunrise industry

Sunrise Industry: Sunrise industry is a colloquial term for a burgeoning sector or business that is just in its infancy but shows promise of a rapid boom. A sunrise industry is typically characterized by high growth rates, numerous start-ups and an abundance of venture capital funding. Sunrise industries generally have plenty of "buzz" surrounding them as public

What is High Quantum Diaspora

As per the 'World Migration Report (2018)', published by the

International Organisation for Migration, the Indian diaspora constitutes 6% of the total number of international migrants . The population of overseas Indian increased from 6.7 million in 1990 to 16 million in 2015

What is UNESCO

Its aim is "to contribute to the building of peace, the eradication of poverty, sustainable development and intercultural dialogue through education, the sciences, culture, communication and information" It was established in 1946 and is based in Paris. It has 195 member states and ten associate members.

Green India Mission

The National Mission for Green India (GIM) is one of the eight Missions outlined under the National Action Plan on Climate Change (NAPCC). It aims at protecting; restoring and enhancing India's diminishing forest cover and responding to climate change by a combination of adaptation and mitigation measures.

GST and its Impact on MSME

GST as a reform has a far reaching consequences. MSME sector is going to get benefit in the long run. But in the short run as per CII, the MSME sector is facing following issues: A complicated compliances system and a rigid taxation regime place added limits on the growth potential of small enterprises

JananiSurakshaYojana (JSY)

It is a safe motherhood intervention under the National Health Mission. It is being implemented with the objective of reducing maternal and neonatal mortality by promoting institutional delivery among poor pregnant women. The scheme, launched on 12 April 2005 by the Prime Minister, is under implementation in all states and Union Territories (UTs),

Hybrid annuity Model

In financial terminology hybrid annuity means that payment is made in a fixed amount for a considerable period and then in a variable amount in the remaining period..

Anglo- French Rivalry in Indian History

Anglo-French were two major contenders of power during 18th century. Both nations tried to achieve supremacy over other. The major effect of Anglo-french rivalry were: Three Carnatic wars were fought.

Global Environmental Facility

It unites 183 countries in partnership with international institutions, civil society organizations (CSOs), and the private sector to address global environmental issues while supporting national sustainable development initiatives. The GEF provides grants for projects related to biodiversity, climate change, international waters, land degradation, the ozone layer, and persistent organic pollutants.

Tribunals

Tribunals are established as per appropriate statutory provisions and are observed as an alternative medium to the conventional judicial bodies for the redressal of grievances and settling disputes. A tribunal, in a plain language, is a body of administrative character that has been empowered with judicial powers to adjudicate one question of law or fact.

Nirbhaya fund

The Ministry of Finance, Government of India had set up a dedicated fund called Nirbhaya Fund in 2013, for implementation of initiatives aimed at enhancing the safety and security for women in the country. • It is a non-lapsable corpus fund. • Various schemes and programmes, related to security of women, are being implemented under the Fund.

Electro Magnetic Induction

When a DC current passes through a long straight conductor, a magnetising force, and a static magnetic field, is developed around it. If the wire is then wound into a coil, the magnetic field is greatly intensified producing a static magnetic field around itself forming the shape of a bar magnet.

The Delhi Sultanate basically refers to the Muslim rulers who ruled India through Delhi. This basically came into existence after Mohammed Ghori captured Delhi after defeating Prithviraj. After Prithviraj was captured, the Delhi Sultanate went into the hands of one of Ghori's generals known as Qutub-ud-din Aibak.

Decentralization planning

Decentralised planning is a kind of percolation of planning activities or process from the Centre to the sub- state levels, i.e., district, sub-division, block and village level. Since the inception of First Plan, the importance of decentralised planning was emphasised in order to achieve active people's participation

Social Stereotype

A stereotype is a fixed, over generalized belief about a particular group or class of people. The use of stereotypes is a major way in which we simplify our social world.

IMT Trilateral Highway

The 1,000 km India-Myanmar-Thailand Trilateral Highway will run from Moreh in Manipur to Mae Sot in Thailand via Myanmar. The highway will facilitate easy movement of goods and people among the three countries. This is NHAI's first international project agreement. The project has been funded by Ministry of External Affairs, Government of India.

Water scarcity and water stress

Water stress and water scarcity can be gauged from the fact that of the earth surface , only 3% is freshwater. 2/3rd of water is stored in glaciers

and frozen lakes. Water scarcity is a condition when water is not available for consumption purpose easily.

Bad Bank

Bad bank or PARA (Public Sector Asset Rehabilitation Agency) was proposed in Economic Survey 2016-17. Bad Bank is an institution which specializes in loan resolution process, so that banking system is free to focus on core banking solutions.

Bonn Convention

The Convention on the Conservation of Migratory Species of Wild Animals (also known as CMS or the Bonn Convention, not to be confused with the Bonn Agreement) aims to conserve terrestrial, marine and avian migratory species throughout their range. It is an intergovernmental treaty, concluded under the aegis of the United Nations Environment Programme

Bio fuels

Biofuels are the fuel generated from the biomass. They are the renewable source of energy. Bio fuels are produced directly from the crop · Crop such as wheat and sugar are used ·

Inter-state Council

Article 263 of the constitution provides for the establishment of an Inter-State Council (ISC). The Commission under the Chairmanship of Justice R. S. Sarkaria in its report in 1988 recommended that: A permanent Inter-State Council called the Inter Governmental Council (IGC) should be set up under Article 263 to deal with inter-state matters

West Asia Policy

S.JAISHANKAR, former foreign secretary has said that Despite having long historical links, the relationship between India and West Asia had been defined by twin factors of energy imports and labour exports." This

term was coined by S. Jaishankar in the 1st Raisaina dialogue on foreign policy in which he said India needs to leverage and build a strategic relationship.

: Fast breeder reactor

A fast breeder reactor (FBR) breeds more fuel than it consumes, that is it produces more plutonium than it consumes while generating power. For a uranium scarce country like India, it is an attractive technology.

Parliament session

Article 85 of the constitution requires that there should not be a gap of more than six months between two parliamentary sessions. By Parliamentary Convention, Parliament meets for three sessions in a year:

The Budget session which is held towards the beginning of the year (Feb -May), A three-week Monsoon session (July-August) and a winter session (Nov-Dec)

CITES

CITES stands for convention on International Trade in Endangered species of wild flora and fauna. It was drafted as a result of a resolution adopted in 1963 at a meeting of members of the International Union for Conservation of Nature (IUCN). The Conference aims to control or prevent international commercial trade in endangered species.

Treaty of Allahabad

The important outcome of the Battle of Buxar was the Treaty of Allahabad signed on 16 August 1765 between Lord Clive and Mughal Emperor Shah Alam II, who had submitted to the British in the battle. As per this treaty: Mughal Emperor granted Fiscal Rights (Diwani) or right to administer the territory and collect taxes to the British

Higher Education Financing Agency

Higher Education Financing Agency (HEFA) is a joint venture of

MHRD Government of India and Canara Bank for financing creation of capital assets in premier educational institutions in India

Aspirational Districts Programme

The 'Transformation of Aspirational Districts' programme aims to quickly and effectively transform districts. The broad contours of the programme are Convergence (of Central & State Schemes), Collaboration (of Central, State level 'Prabhari' Officers & District Collectors), and Competition among districts driven by a mass Movement. With States as the main drivers.

Participation of India in Olympics

India first participated at the Olympic Games in 1900, with a lone athlete (Norman Pritchard) winning two medals- both silver- in athletics. The nation first sent a team to the Summer Olympic Games in 1920, and has participated in every Summer Games since then

M.M Punchi Commission

The mandate of the commission was to examine what could be the role, responsibility and jurisdiction of the Centre during major and prolonged outbreaks of communal violence, caste violence or any other social conflicts and to review other aspects of Centre-states relations, including taxes and linking of rivers.

Nano technology

Definition: Nanoscience and Nanotechnology involves the concept of manipulating the extremely small things at nanoscale. At nanoscale things behave differently and this properties can be utilised across various fields of science like chemistry, biology, medicine, physics and material science.

Some Important Articles governing Centre State Relations

. Article . 248 Residuary power vests with centre Article . 249 Rajya

sabha has special power to pass resolution to empower parliament to legislate on state list. Resolution remain in force for one year Article 250 During proclamation of emergency, Parliament to legislate any item under state list

Unicameral and Bicameral legislatures

Unicameral legislatures have a single chamber Bicameral Legislatures A bicameral legislature is comprised of two chambers, often described as the lower house and the upper house. Usually, the composition of the lower chamber (with such names as the House of Representatives, House of Commons)

:Polymerase chain reaction

The polymerase chain reaction is a technique for cloning a particular piece or amplifying a single or few copies of a piece of DNA, generating millions or more copies of that particular DNA sequence.

Development Planning

Poverty, low per capita income, under-development, unemployment, prompted the newly established Indian polity to adopt economic planning for the development of the country. The idea of economic planning can be traced to 1934, when M. Visvesverayya in his book 'Planned Economy of India', advocated for planning

Socialist approach

Socialist approach In simple language socialism can be regarded as a movement against the inequality existing in the present social order. It is a plan for a new social order based on justice, equality, free from exploitation of man by man, a co-operative commonwealth of mankind.

:Divide and Rule Policy

The policy of "DIVIDE AND RULE " is a political tool to take

advantage of the schism prevalent in the society and prolong the dominance over the people . It's an age old idea having roots dating back to Roman empire .

NOTA System

None Of The Above (NOTA) is a ballot option designed to allow the voter to indicate disapproval of all of the candidates in a voting system. It was introduced in India following the 2013 Supreme Court directive in the People's Union for Civil Liberties v. Union of India judgment.

NATO

The North Atlantic Treaty Organization (NATO), also called the North Atlantic Alliance, is an intergovernmental military alliance between 29 North American and European countries based on the North Atlantic Treaty that was signed on 4 April 1949. NATO constitutes a system of collective defence whereby its independent member states agree to mutual defence in response to an attack by any external party.

Bio-Diversity Convention

Convention on biodiversity is a multilateral treaty which entered into force in 1993. It is a legally binding treaty when a party has ratified it. The convention has basically three goals: Conservation of biological diversity Sustainable use of the components Fair and equitable sharing of resources

Pressure Belts

The distribution of atmospheric pressure across the latitudes is termed global horizontal distribution of pressure. Its main feature is its zonal character known as pressure belts. On the earth's surface, there are seven pressure belts. They are the Equatorial Low, the two Subtropical highs, the two Subpolar lows, and the two Polar highs

The Western Ghats

The Western Ghats are the mountain groups running parallel to the western coast of the Indian peninsula. The Ghats are well known for their biodiversity, where we can find a variety of flora and fauna. Mountain range starts around the border of Gujarat and Maharashtra, touching Goa, Karnataka and Kerala.

Contempt of Court

Contempt of Court Contempt of court refers to any actions which defy a court's authority, cast disrespect on a court, or impede the ability of the court to perform its function.

Contract farming

It is agricultural production carried out according to an agreement between farmers and a buyer, which places conditions on the production and marketing of the commodity.

Contract farming (CF) is defined as forward agreements specifying the obligations of farmers and buyers as partners in business.

UNEP

United Nations Environment Programme (UNEP) is an agency of United Nations and coordinates its environmental activities, assisting developing countries in implementing environmentally sound policies and practices. It was founded by Maurice Strong, its first director, as a result of the United Nations Conference on the Human Environment (Stockholm Conference) in June 1972

Up Welling

Winds blowing across the ocean surface push water away. Water then rises up from beneath the surface to replace the water that was pushed away. This process is known as "upwelling." Upwelling

occurs in the open ocean and along coastlines.

Preventive Detention

The imprisonment of a persons with the aim of preventing them from committing further offences or of maintaining public order. The grounds for Preventive detention are: * Security of state. * Maintenance of public order. * Maintenance of supplies and essential services and defence

Stockholm Conference

The United Nations Conference on the Human Environment (also known as the Stockholm Conference) was an international conference convened under United Nations auspices held in Stockholm, Sweden from June 5-16, 1972. It was the UN's first major conference on international environmental issues, and marked a turning point in the development of international environmental politics

Human Development Index(HDI)

The HDI is an average measure of basic human development achievements in a country measured by UNDP. It is an average of long-term progress in three basic dimensions of human development viz. a long and healthy life, access to knowledge and a decent standard of living. India has been placed at 130th position

District Planning Committee

The institution of District Planning Committee as envisaged in the 73rd Constitution Amendment Act (73rd CAA) is the realisation of consistent and conscious effort towards decentralised planning since the process of planned development began in the country. The desire for decentralised planning was first expressed way back in the first five year plan (1951-56), ...

SFIO

SFIO stands for serious frauds investigation office. It is a investigation agency which is under the jurisdiction of ministry of corporate affairs. The mandate of SFIO is as under: The SFIO is involved in major fraud probes and is the co-ordinating agency with the Income Tax Department and the Central Bureau of Investigation.

Rohingyas

Rohingyas are the muslim community living in the Rakhine state of Myanmar. They are the world's largest stateless population in a single country. They are perceived to be the most

persecuted community in the world. recently Rohingyas had migrated to bordering Bangladesh from Myanmar and their rehabilitation became an international humanitarian issue.

Procedure Established by Law

Procedure Established by Law means that a law that is duly enacted by legislature or the concerned body is valid if it has followed the correct procedure.

Plea Bargaining

A plea bargain is an agreement in a criminal case in which a prosecutor and a defendant arrange to settle the case against the defendant. Plea bargaining was introduced through the Criminal Law (Amendment) Act, 2005. The defendant agrees to plead guilty in exchange for some agreement from the prosecutor.

Nanotechnology and Health sector

Nanotechnology has the potential to completely revolutionise all the three key aspects of healthcare sector-Diagnosis, prevention and Treatment. It can completely change the

healthcare sector for the next generation. Nanotechnology will help medical professionals in today's most excruciating medical issues, such as repairing of damaged organs, diagnosis and treatment of cancer cells and removal of obstruction.

Real Estate Regulation Act(RERA)

Major advantages: It will help to regulate the highly unregulated real estate sector. Will help to deal with the undue delay in project implementation. Will help to streamline the data of the project across the country and hence will bring homogeneity and rule based pricing in the sector. It will enhance the transparency in the real estate sector.

Benami Transactions

The benami (without a name) transaction refers to property purchased by a person in the name of some other person. The person in whose name the property has been purchased is called the benamdar and the property so purchased is called the benami property. The person who actually

finances the deal is the real owner.

Indian Ocean Rim Association (IORA)

IORA is an international organisation consisting of coastal states bordering the Indian Ocean.

The IORA is a regional forum, tripartite in nature, bringing together representatives of Government, Business and Academia, for promoting co-operation and closer interaction among them. It is based on the principles of Open Regionalism for strengthening Economic Cooperation, particularly on Trade.

Nano technology and electronics

Smaller, faster and better transistors may mean that soon your computer's entire memory may be stored on a single tiny chip. Using magnetic random access memory (MRAM), computers will be able to "boot" almost instantly.

Negatives of Interlinking of rivers:

This entails *environmental* cost. Interlinking would destroy water bodies as each river has unique flora and fauna based on its ecology. Mixing of waters will adversely affect this uniqueness, producing unforeseen consequences.

Interlinking will lead to submergence of forest.
This will worsen climate change.

Lok Adalat

It is one of the components of ADR (Alternative Dispute Resolution) systems. This concept of the settlement of disputes through mediation, negotiation or arbitration is conceptualized and institutionalized in the philosophy of Lok Adalat. It involves people who are directly or indirectly affected by dispute resolution. This system is based on Gandhian principles.

Hague Code of Conduct(HCOC)

HCOC is a voluntary and legally non-binding regime to prevent the proliferation of ballistic missiles which are capable of delivering weapons of mass destruction (WMDs). It was established on 25 November 2002. The HCOC does not ban ballistic missiles but works to restrict their production, testing, and export.



G7

It is a group consisting of Canada, France, Germany, Italy, Japan, the United Kingdom, and the United States. The European Union is also represented within the G7. These countries are the seven major advanced economies as reported by the International Monetary Fund.

Government Budget

Government budget is the annual financial statement presented by the finance minister .It contains, for example, the following figure: Actual estimate for FY 2017-18 Budget estimate for FY 2018-19 and Revised estimate for FY 2018-19 Budget estimate for FY 2019-2020 The budget is divide into two parts: Revenue budget and Capital budget

Operation Polo

Sardar's greatest role in the integration of states was his able handling of the

Hyderabad crisis. Most of the states acceded to India, Hyderabad was a landlocked state that stretched over 82,000 square miles (over 212,000 square kilometres) in southeastern India with 87% of its 17 million people were Hindu but the ruler, the Nizam, was initially reluctant to integrate with the Indian Union.

Captive breeding

Captive breeding is the process of breeding animals outside of their natural environment in restricted conditions in farms, zoos or other closed facilities. The choice of individual animals that are to be part of a captive breeding population, and the mating partners within that population, are controlled by humans.

Nanotechnology and energy

Nanotechnology is improving the efficiency of fuel production from raw petroleum materials through better

catalysis. It is also enabling reduced fuel consumption in vehicles and power plants through higher-efficiency combustion and decreased friction.





