

Paper - IV

General Studies III - 250 Marks

(Technology, Economic Development, Bio-diversity, Environment, Security and Disaster Management)

- i. Indian Economy and issues relating to planning, mobilization of resources, growth, development and employment.
- ii. Inclusive growth and issues arising from it.
- iii. Government Budgeting.
- iv. Major crops cropping patterns in various parts of the country, different types of irrigation and irrigation systems storage, transport and marketing of agricultural produce and issues and related constraints; e-technology in the aid of farmers.
- v. Issues related to direct and indirect farm subsidies and minimum support prices; Public Distribution System objectives, functioning, limitations, revamping; issues of buffer stocks and food security; Technology missions; economics of animal-rearing.
- vi. Food processing and related industries in India- scope and significance, location, upstream and downstream requirements, supply chain management.
- vii. Land reforms in India.
- viii. Effects of liberalization on the economy, changes in industrial policy and their effects on industrial growth.
- ix. Infrastructure: Energy, Ports, Roads, Airports, Railways etc.
- x. Investment models.
- xi. Science and Technology- developments and their applications and effects in everyday life Achievements of Indians in science & technology; Indigenization of technology and developing new technology.
- xii. Indigenization of technology and developing new technology.
- xiii. Awareness in the fields of IT, Space, Computers, robotics, Nano-technology, biotechnology and issues relating to intellectual property rights.
- xiv. Conservation, environmental pollution and degradation, environmental impact assessment.
- xv. Disaster and disaster management with emphasis on Assam.
- xvi. Linkages between development and spread of extremism.
- xvii. Role of external state and non-state actors in creating challenges to internal security.
- xviii. Challenges to internal security through communication networks, role of media and social networking sites in internal security challenges, basics of cyber security; money-laundering and its prevention.
- xix. Security challenges and their management in border areas; linkages of organized crime with terrorism with emphasis on Assam.
- xx. Various Security forces and agencies and their mandate.