GEOGRAPHY/GEOLOGY-313

CUET Entrance Exam

AglaSem.Com

GEOGRAPHY/GEOLOGY

SYLLABUS FOR CLASS 12

Note:
There will be one Question Paper which will have 50 questions out of which 40 questions need to be attempted.

GEOGRAPHY/GEOLOGY

Fundamentals of Human Geography

Unit I: *Human Geography: Nature and Scope*

Unit II: *People*

- Population of the world – distribution, density and growth;
- Population change-spatial patterns and structure; determinants of population change;
- Age-sex ratio; rural-urban composition;
- Human development – concept; selected indicators, international comparisons.

Unit III: *Human Activities*

- Primary activities – concept and changing trends; gathering, pastoral, mining, subsistence agriculture, modern agriculture; people engaged in agriculture and allied activities – some examples from selected countries;
- Secondary activities – concept; manufacturing: agro-processing, household, small scale, large scale; people engaged in secondary activities – some examples from selected countries;
- Tertiary activities – concept; trade, transport and communication; services; people engaged in tertiary activities – some examples from selected countries;
- Quaternary activities – concept; knowledge based industries; people engaged in quaternary activities – some examples from selected countries.

Unit IV: *Transport, Communication and Trade*

- Land transport – roads, railways – rail network; trans-continental railways;
- Water transport- inland waterways; major ocean routes;
- Air transport – Intercontinental air routes;
- Oil and gas pipelines;
- Satellite communication and cyber space;
- International trade – Basis and changing patterns; ports as gateways of international trade, roleof WTO in International trade.

Unit V: *Human Settlements*

- Settlement types – rural and urban; morphology of cities (case study); distribution of megacities; problems of human settlements in developing countries.

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India: People and Economy

Unit I: *People*

- Migration: international, national – causes and consequences;
- Human development – selected indicators and regional patterns;
- Population, environment and development.

Unit II: *Human Settlements*

- Rural settlements – types and distribution;
- Urban settlements – types, distribution and functional classification.

Unit III: *Resources and Development* (Periods 30)

- Land resources – general land use; agricultural land use – major crops; agricultural development and problems, common property resources;
- Water resources – availability and utilization – irrigation, domestic, industrial and other uses; scarcity of water and conservation methods – rain water harvesting and watershed management (one case study related with participatory watershed management to be introduced) ;
- Mineral and energy resources – metallic and non-metallic minerals and their distribution; conventional and non-conventional energy sources;
- Industries – types and distribution; industrial location and clustering; changing pattern of selected industries – iron and steel, cotton textiles, sugar, petrochemicals, and knowledge based industries; impact of liberalisation, privatisation and globalisation on industrial location;
- Planning in India – target area planning (case study); idea of sustainable development (case study).

Unit IV: *Transport, Communication and International Trade*

- Transport and communication — roads, railways, waterways and airways; oil and gas pipelines; national electric grids; communication networkings – radio, television, satellite and internet;
- International trade — changing pattern of India's foreign trade; sea ports and their hinterland and airports.

Unit V: *Geographical Perspective on Selected Issues and Problems*

- Environmental pollution; urban-waste disposal;
- Urbanisation-rural-urban migration; problem of slums;
- Land Degradation.