

A-2 Aims and objectives of teaching Geography.

2.1 Broad objectives.

2.2 Instructional objectives and their Specifications.

Area B -1 Methods & Techniques of teaching Geography.

1.1 Methods -

Story Telling, Journey, Excursion, object, Demonstration, Experimental Huristic, Regional Lecture Project method.

Note : These methods are to be studied from the following points of view.

(a) Meaning, Principles and Characteristic of these methods with reference to the students at various standards.

(b) Their limitations.

B-2. Techniques of teaching Geography.

observation, Questioning, Map-reading. Local Geography and correlation.

B.3-1. Teaching Aids.

3-a -Maps, Charts, Atlas, Pictures, Globes, Graphs Models, Specimens, Slides.

3-b. Black boards Text books.

3-c. Epidiascope, Projector, T.V. meteorological instrument

3-d. Reference- books Teachers Hand book News papers.

B.3-2. Geography Room:

B-4. Core content of Geography.

(to be Studied with reference to different methods techniques and teaching aids for teaching Geographical facts, terms, concepts & Principles to students of different standards)

B-4.1 Astronomical Geography.

(a) Solar system. Its origine. Components of the solar system.

(B) The Earth.

Shape & size : Motions of the Earth. Rotation and Revolution & their effects.

Latitudes and Longitudes.

Longitude & time-Local time, Standard time International Date line

(C) The Moon & its motions.

Phases of the moon. Eclips. Tides & their effects on human life.

METHODOLOGY:

for Lower classes..

Story telling, Journey, Demonstration, Experiments.

Techniques :- Observation, question answer, Glob reading. Home Geography.

Working Models. Pictures, diagramme.

To prepare Models to explain the concepts.

METHODOLOGY FOR HIGHER CLASSES (VIII to Xth)

Lecture Method, Demonstration, Experimental, Project method.

Techniques - observation, question answer.

Local Geography -

Workable Models to be prepared and used.

B-4II.1. Physical Geography.

(a) Structure of the Earth.

Interior and Exterior.

Continents & oceans & their distribution.

(b) Major Land formation.

1. Rocks.

(a) Volcano- causes and effects

Formation of Igneous Rocks.

(b) Weathering- Denudation & Deposition.

Formation of sedimentary Rocks.

(c) Slow crustal vertical and Horizontal movements and their effects.

Earthquakes

Metamorphic Rocks

(d) Work & River

(e) Ground water

Methodology :- Lower Classes

Demonstration. Excursion, Project method.

Techniques :- observation, Local Geography

B-4II.2 Oceanography.

(a) Properties of sea water.

(b) Ocean currents and their effects.

(c) Islands.

B-4II.3. Climatology.:

(a) Atmosphere & climate.

(b) Pressure Belts, winds & their types.

(c) Temperature & Humidity.

(d) Rains and their types.

(e) Rainfall distribution in the world.

METHODOLOGY:- For Lower classes

Story telling, Journey excursion, Experimental, Huristic. Project method.

Techniques - Observation, question answer local Geography, Preparation of charts.

Higher Classes :

Lecture Method, Huristic, Experimental Project.

Techniques - observation, Map & Diagram reading, reading meteorological instruments and drawing conclusion.

B-4-III. Regional Geography.

- (a) Concept of Natural regions.
- (b) Human life in the world.

Following natural regions to be studied.

- 1. Equatorial region.
- 2. Taiga (3) Stepos & Prairies. (4) Savana. (5) Hot Desert.
- 6. Monsoon. (7) Mediterranean (8) Tundra.

(c) Natural region - India.

(d) Our neighbouring countries - Pakistan, Bangla Desh, Burma, Shrilanka, Japan.

Methodology - Lower classes.

Story telling, Journey, object method. Excursion.

Techniques - Local Geog. observation, Map-reading.

Higher classes -

Regional Method, Lecture Method. Project method.

B-4 IV- Human Geography.

- 1. Man & his environment.
- 2. Man's Basic needs & his environment.
- 3. Industry.
- 4. Trade.
- 5. Settlement.
- 6. Transportation.

Methods for Lower Classes.

Journey Method, Story method, Excursion.

Techniques - observation. Local Geography, Map reading.

Higher Classes - Lecture method, Huristic method, Project method.

Techniques - Study of Local Geography.

Map reading, observation.

B-4.V- Practical work.

Maximum and Minimum Thermometer reading and record keeping.

Rain Gage, Map reading.

Area C-1- Planning for Teaching Geography.

- (a) Year plan (1) Unit plan. (2) Lesson.
Plans - various types.

C-2. Testing

- (a) Tools of evaluation.
(b) Written test & Unit test in Geography.
(c) Practical Examinations in Geography.
(d) Diagnostic tests in Geography.

Area D- Practical work for internal Assessment.

1. Preparation of unit plan & unit test.
 2. Preparation of an achievement test for 1 mark: with different test items.
 3. Review of one Geography text book. (Standard V to X)
- N.B. Any two from above.

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Reference Books :

- (a) All Geog. text books that are sanctioned by the Dept. of Education, Maharashtra State for std. V to XII.
- (b) Principles of General Geog.- Kazi & Joshi.
(2) A background of Physical Geog. by- George P Kellaway.
(3) Physical Geography By- F. Lake.
(4) India & Pakistan By- Sapte & Learmonth.
- (c) 1. Geography in School. By- Fairgrive.
2. Handbook of suggestion on Teaching of Geog. (UNESCO)
3. भूगोलाचे अध्यापन - प्रा. पाटणकर.
4. भूगोल अध्यापन व अध्यापन - डॉ. भा. श्री. जांघट.
5. भूगोल अध्यापन पद्धती - प्रा. डॉ. द. वा. पोक्षे
- [ड] 1. प्राकृतिक भूगोल. मो. द. तावडे.
2. प्राकृतिक भाषाशास्त्र - प्रा. दाते. प्रा. सौ. दाते व शिन्दे.
3. आकाशशास्त्र - प्रा. दाते व प्रा. सौ. दाते
4. भूगोलाची वस्तुतत्वे - डॉ. वाघ व वर्तक.