

MUGBERIA GANGADHAR MAHAVIDYALAYA  
1<sup>st</sup> INTERNAL EXAMINATION 2022-23  
B.Sc SEMESTER -V (CBCS) Geography (Hons)  
Paper-CC11T: FIELD WORK AND RESEARCH METHODOLOGY  
Full marks –10. Time – 1 Hour. Date –22/11/2022

Answer any five Questions

2 x 5 = 10

1. What is Research Design.
2. Define the Transects.
3. What is Abstract ?
4. What is Beld ? Type of Beld.
5. What are the characteristics of good research design?
6. What is Reference?
7. Write a short note : Line, Strip.
8. What is Research?
9. What are the advantage and disadvantage Transect Survey ?
10. Write the Importance of Research Design?

MUGBERIA GANGADHAR MAHAVIDYALAYA  
2<sup>nd</sup> INTERNAL EXAMINATION 2022-23  
B.Sc SEMESTER -V (CBCS) Geography (Hons)  
Paper-CC11T: FIELD WORK AND RESEARCH METHODOLOGY  
Full marks –10. Time – 1 Hour. Date –14/12/2022

---

Answer any five Questions

2 x 5 = 10

1. Difference between questionnaire and Schedule ?
2. Example of hypothesis : India's non-participation in World Cup football games.
3. What is Keyword ?
4. Difference between Reference and Bibliography ?
5. What are the characteristics of good research report ?
6. What is Quantitative research ?
7. Write a short note on Hypothesis
8. Type of Research ?
9. Difference between APA and MLA format ?
10. Write the Importance of Hypothesis ?

# MUGBERIA GANGADHAR MAHAVIDYALAYA

1st INTERNAL EXAMINATION 2022

B.Sc SEMESTER-V (CBCS) GEOGRAPHY (HONS)

PAPER –CC 12, REMOTE SENSING AND GIS

FULL MARKS-10    TIME -30 MINUTES    DATE 22/11/22

Answer any five questions

2x5=10

1. What is EMR?
2. What is IFOV?
3. Write the distinguish between MSS and TM.
4. What is eccentricity?
5. What is Oceansat?
6. What is black body?
7. What is topology?
8. What is Sun-Synchronous Satellite?
9. In which wavelength Sun and Earth emitted maximum amount of energy where sun's Black body temperature is 6000k and that of Earth is 300k.
10. Write the advantages of Raster data model.

# **MUGBERIA GANGADHAR MAHAVIDYALAYA**

**2ND INTERNAL EXAMINATION 2022**

**B.Sc SEMESTER-V (CBCS) GEOGRAPHY (HONS)**

**PAPER –CC 12, REMOTE SENSING AND GIS**

**FULL MARKS-10    TIME -30 MINUTES    DATE 14/12/22**

***Answer any five questions                    2x5=10***

1. *What is Band?*
2. *Write the application of linear imaging self scanning sensor.*
3. *Write the distinguish between spatial and non spatial data.*
4. *What is Specular reflection?*
5. *What is Emissivity?*
6. *What is Kirchhoffs radiation law?*
7. *What is Multispectral image?*
8. *What is Intersection?*
9. *Write the elements of visual image interpretation.*
10. *Write the Principles of remote sensing.*

**MUGBERIA GANGADHAR MAHAVIDYALAYA**

**DEPARTMENT OF GEOGRAPHY**

**1st-INTERNAL EXAMINATION-2022.**

**SEMESTER-5(CBCS)**

**PAPER-DSE-1T (Hydrology and Oceanography)**

**Full marks: 10**

Answer any **five** questions from the following questions.  $2 \times 5 = 10$

01. What is spring tide and neap tide?
02. What are characteristics of hydrological cycle?
03. Write the different type of aquifers?
04. What do you mean by coral reef?
05. What are the factors of ocean temperature?
06. What do you mean by ocean salinity?
07. What is syzygy?
08. What is aquiclude?
09. What is artificial rain?
10. Differentiate between porosity and permeability.

**MUGBERIA GANGADHAR MAHAVIDYALAYA**  
**DEPARTMENT OF GEOGRAPHY**  
**2<sup>nd</sup> INTERNAL EXAMINATION-2022.**  
**SEMESTER-5(CBCS)**  
**PAPER-DSE-1T (Hydrology and Oceanography)**

**Full marks: 10**

**Answer any five question from the following questions.**

**2×5=10**

01. What is Hydrograph?
02. Write the difference between Flood current and Ebb current?
03. Explain the ecological signification on hydrological cycle.
04. What do you meant by Pycnocline layer?
05. What are the key factor that influence control of ocean salinity?
06. Write the difference between Chanel flow and base flow.
07. What is Gyre?
08. What is Tidal bore?
09. What do mean by Run-off Cycle?
10. Write the different sources of Ground water.

**MUGBERIA GANGADHAR MAHAVIDYALAYA**  
**DEPARTMENT OF GEOGRAPHY**  
**1<sup>st</sup> INTERNAL EXAMINATION-2022.**  
**SEMESTER-5(CBCS)**  
**PAPER-DSE-2T (RESOURCE GEOGRAPHY)**

**Full marks: 10**

Answer any **five** questions from the following questions. (2×5=10)

01. What is Energy Crisis?
02. What is Fund Resource?
03. Write the importance of Non-Conventional resource in the present day.
04. What is Potential Energy?
05. Write the method of resource conservation.
06. What is the advantage and disadvantage of Geo-thermal energy?
07. Write about the utilization of Iron ore.
08. Write the Short note of Tidal energy.
09. What is material mineral?
10. Write the different between Solar energy and Wind energy.

**MUGBERIA GANGADHAR MAHAVIDYALAYA**  
**DEPARTMENT OF GEOGRAPHY**  
**2<sup>nd</sup> INTERNAL EXAMINATION-2022.**  
**SEMESTER-5(CBCS)**  
**PAPER-DSE-2T (RESOURCE GEOGRAPHY)**

**Date: 16.12.22**

**Full marks: 10**

Answer any **five** questions from the following questions. (2×5=10)

01. Write the uses of copper.
02. Write the causes of concentration of Petro chemical industry.
03. Why coal is considered the main ingredient of modern industry?
04. What do you mean by Liquid gold?
05. Write the Bauxite producing regions in India.
06. Write the classification of coal.
07. What do you mean by conservation of natural resource?
08. Write the name of oil refineries located in India.
09. What do you mean by Sustainable resource development?
10. What is the difference between metallic and non-metallic mineral?