

RBC Evening College
Internal Examination
5th Semester Examination, 2022
GEOGDSE01T- GEOGRAPHY GENERAL

Time Allotted: 1 hour

Full Marks: 20

The figures in the margin indicate full marks
Candidate should answer 4 questions in their own words

1. Write about the factors of soil formation.

মৃত্তিকা সৃষ্টির নিয়ন্ত্রক গুলির সম্বন্ধে লেখ।

2. Define soil profile. What is the difference of it from an ideal soil profile? 2+3

মৃত্তিকা পরিলেখের সংজ্ঞা দাও। আদর্শ মৃত্তিকা পরিলেখের থেকে এর পার্থক্য লেখ।

3. Write in brief about the profile of laterite soil.

সংক্ষেপে ল্যাটেরাইট মৃত্তিকার পরিলেখ সম্বন্ধে লেখ।

4. Why Chernozem soil is more fertile than lateritic soil? Define Hardcrust. 3+2

কেন চার্নোজেম মৃত্তিকা ল্যাটেরাইট মৃত্তিকার থেকে বেশি উর্বর? হার্ডক্রাস্ট এর সংজ্ঞা দাও।

5. What is Biosphere? Define ecotone. 2+3

বায়োস্ফিয়ারের কি? ইকোটন এর সংজ্ঞা দাও।

6. Give an example of biome located between 50 degree to 70 degree north latitude. What do you know about biotic and abiotic components of an ecosystem.

৫০ ডিগ্রি থেকে ৭০ ডিগ্রী উত্তর অক্ষরেখার মধ্যে অবস্থিত একটি বায়োমের উদাহরণ দাও। বাস্তু তন্ত্রের জৈব এবং অজৈব উপাদান গুলির সম্বন্ধে কি জানো?

7. Write briefly about succession. Define food chain.

উত্তরণ সঙ্ঘন্ধে সংক্ষেপে লেখ। খাদ্য জালের সংজ্ঞা দাও।

8. Write in brief about the energy flow in the ecosystem.

বাস্তুতন্ত্রের শক্তির প্রবাহ সঙ্ঘন্ধে সংক্ষেপে লেখ।

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5th Semester Examination, 2022
GEOACOR011T- GEOGRAPHY HONORS

Time Allotted: 30 mins

Full Marks: 08

The figures in the margin indicate full marks

Candidate should answer 2 questions in their own words

1. Discuss in brief the ethics of fieldwork.
2. Discuss the significance of research in Geography.
3. What are the different types of field techniques and tools?
4. Differentiate between reference and bibliography. What is the role of keywords in a research report?

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GEOACOR012T- GEOGRAPHY HONORS

Time Allotted: 30 mins

Full Marks: 08

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Candidate should answer 2 questions in their own words

1. Discuss the interpretation keys of satellite imagery.
2. Prepare inventories of landcover features from satellite image of Sundarban region.
3. Discuss the principles of GNSS positioning.

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GEOADSE01T- GEOGRAPHY HONORS

Time Allotted: 1 Hour

Full Marks: 20

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Candidate should answer 4 questions in their own words

1. Explain the role of man as an active agent of soil transformation.
2. Discuss an ideal soil profile.
3. What are the components of an ecosystem?
4. Discuss the nature of energy flow in an ecosystem.
5. Write a short note on floral diversity of tropical rain forest biome.

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GEOADSE03T- GEOGRAPHY HONORS

Time Allotted: 1 Hour

Full Marks: 20

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Candidate should answer 4 questions in their own words

1. Discuss the various sources of population data and their reliability.
2. Write down the various components of life table.
3. Give an account of the various measures of mortality .
4. What is push and pull factors of migration?
5. What is difference between population and demography? Define cohort?
6. Highlight the various processes of internal migration.