# 2018 Geography and Environmental Studies exit exam

1. To ensure every household in a village has an equal chance of being selected for a survey, you would use:
   A. Purposive sampling
   B. Snowball sampling
   C. Simple random sampling
   D. Convenience sampling
2. The TIN model is primarily used to represent which type of data?
   Question 2Answer
   A. Land parcel
   B. Surface
   C. Population density polygons
   D. Road networks
3. interval on a topographic map if the elevation point X at one contour line is 1550 meters and at the next contour line is 3500meters?
   A. 1510 meters
   B. 1550 meters
   C. 1500 meters
   D. 1520 meters
   E. None
4. GIS Software:
   A. are the attribute tables, satellite imagery, and GPS coordinates used
   B. define the problem, operate the system, and interpret the results
   C. include the scanners, key board and CPU
   D. is used to store, analyze, and display geographic information
5. Which one of the following is INCORRECT about livelihood and food security?
   A. Livelihoods and food security are intricately linked, with each influencing the other.
   B. The availability of food at larger scale guarantees food security at household or individual level.
   C. Livelihoods include the strategies people use to manage risks, build resilience, and adapt to changes in their environment
   D. Livelihood and food security are interconnected concepts that are central to human well-being and development
6. One of the following is NOT TRUE about Meta data?
   A. Year of data acquisition and data source are typical metadata about geo-data
   B. Meta data are data about data
   C. Information about certain book is a good example of metadata
   D. Meta data are inadequate information about the geo-dataset
7. A coordinate system is essential in GIS because it:
   A. Stores descriptive information about map features
   B. Provides a common reference framework to accurately locate spatial data
   C. Determines the color scheme for a map
   D. Increases the resolution of satellite images
8. Calculating the Household Food Insecurity Access Scale relies on data collected through:
   A. Port shipment logs

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B. standardized questionnaire about experiences of anxiety and shortage
C. Rainfall measurements
D. Soil samples

9. Population geography is best defined as:
A. The spatial aspect of demography, distribution, density and movement
B. The economics of global trade
C. Historical political boundaries
D. Genetic makeup of different human groups

10. Which one of the following terrain attributes is NOT directly determined from elevation data?
A. Curvature
B. Aspect
C. Slope
D. Soil water content

11. Coriolis force is created mainly due to?
A. Revolution of the earth's surface
B. Gravitation of the Earth
C. Heating and cooling of the earth's surface
D. The rotation of the earth's surface

12. The "smart growth" principle focuses on:
A. Expanding rural agricultural practices
B. Building larger industrial hubs
C. Sustainable and efficient land use
D. Reducing public transportation options

13. How does urban planning address environmental degradation?
A. Halting all rural-to-urban migration.
B. Limiting urban development projects
C. Prioritizing industrial growth over conservation
D. Promoting green infrastructure and sustainability practices

14. Which of the following is TRUE about the sensing of emitted energy?
A. Once the energy makes its way to the target through the atmosphere, it interacts with the target depending on the properties of the target but not the radiation.
B. The energy travels from its source to the target; it doesn't contact and interact with the atmosphere it passes through.
C. The processed image is interpreted digitally or electronically, to extract information about the target which was illuminated.
D. After the energy has been scattered by, or emitted from the target, we don't require a sensor to collect and record the electromagnetic radiation.

15. Which of the following is a primary social indicator of country's level of development?
A. Stock market Index
B. Gross Domestic Product
C. Adult Literacy Rate
D. Balance of Trade

16. Of the following branches of geography, one concerned with the distribution, composition, migrations and growth of inhabitants, which are related to spatial variations in the nature of places?

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A. Historical Geography
B. Population Geography
C. Political Geography
D. Cultural Geography

17. Developing counties:
A. use a disproportionate amount of the world's resources
B. have relatively few people experiencing poverty
C. have high levels of population growth
D. have stable birth and death rates

18. A planning department creates a series of maps over layering data on population density, floodplains, existing transportation lines, and protected wetlands to determine a land for a new residential expansion. This is a direct application of:
A. Shift-share analysis
B. Input-output analysis
C. Cost-benefit analysis
D. Suitability Analysis

19. One of the following is CORRECT about a projected coordinate system?
A. Location is identified by X, Y coordinates on a grid
B. It has irregular lengths & angles across the two dimensions
C. It is represented on spherical, 3-dimensional curve
D. It is not based on a geographic coordinate system

20. The over-extraction of groundwater for irrigation leading to falling water tables is an example of:
A. Resource depletion
B. Natural resource renewal
C. Resource conservation
D. Sustainable management

21. A primary source of social change is:
A. Unchanging political system
B. Demographic shifts
C. Static cultural traditions
D. Complete geographic isolation

22. Mathematical and geometric process whereby the information on the surface of a sphere is able to be transferred onto a flat piece of paper is?
A. Coordinate system
B. Map Projection
C. Geodesy
D. Geographic Information system

23. Which of the following is NOT among the principles of natural resource management?
A. Continuous monitoring, learning, and adjusting strategies as new information becomes available
B. Maintaining the long-term availability of resources, ensuring that their use does not compromise their capacity to regenerates
C. Adopting a top-down approach so that it takes into account the ecological, social, and economic factors in an area
D. Responding to changing conditions, such as shifts in climate or market dynamics.

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24. Which of the following best demonstrates a continued relevance of von Thünen's agricultural land use model in the modern world?
    A. The model core principle of perishability & transportation cost, where dairy farms & vegetable production are located close to urban centers
    B. It is more relevant for explaining modern industrial location than it ever was for explaining historical agricultural patterns.
    C. The model perfectly predicts the concentric ring pattern of agricultural activities around every major city in the world today
    D. Its focus on the cost of land rent is the primary factor determining the global location of semiconductor fabrication plants.
25. Which one of the following is the reason for seasonal variation of air pressure?
    A. Differential heating produces similar density in the atmosphere
    B. Differences in water vapor content in the atmosphere
    C. Distribution of mass by atmospheric circulation
    D. Force of the gravity is minimum at the poles and maximum at the equator
26. A pull factor of the population dynamics of certain country:
    A. War
    B. Social reform
    C. Public Sanitation
    D. Industrialization
27. To correct for atmospheric scattering in a satellite image, a remote sensing specialist would apply:
    A. A coordinate transformation
    B. A cartographic projection
    C. An atmospheric correction
    D. A vector digitization
28. The construction of a large dam demonstrates the human impact of:
    A. Fundamentally altering the hydrological cycle and sediment flow
    B. Eliminating all water resource management challenges
    C. Preserving a river's natural ecosystem unchanged
    D. Naturally increasing fish populations upstream
29. One of the following is NOT the Sources of water pollutants.
    A. Proper disposal of human and animal wastes
    B. Emissions from the burning of fossil fuels
    C. Effluent from factories, refineries, and sewage treatment plants
    D. Underground storage tank leakage, leading to soil contamination
30. What does the sociological subsystem of culture focus on?
    A. The relationship between beliefs and values
    B. The environmental impacts of culture
    C. The technological advancements of a society
    D. The interaction of individuals within social institution

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31. If you are hiking linear elevated feature with the surface sloping downward in both sides, what is the terrain feature?
    A. Ridge
    B. Spur
    C. Saddle
    D. Draw
32. Which of the following country follows anti-natalist population policy?
    A. Netherland
    B. Ethiopia
    C. Israel
    D. Kuwait
33. Which one of the following is NOT the cause for the air movements?
    A. Variation of the distance between the sun and the Earth
    B. Heating and cooling of air masses
    C. Convergence of contrasting and similar air masses
    D. Topographic variation
34. To determine the straight-line distance between two points on a topographic map, you would use:
    A. The contour lines
    B. The map's legend
    C. The map's title
    D. The map's scale bar
35. Which of the following statement describes the global distribution of primary and tertiary economic activities?
    Question 35Answer

a.
Agriculture and mining are concentrated most developed regions

b.
Primary economic activities are nonexistent in the modern global economy

c.
The distribution is largely uniform globally

d.
Tertiary and quaternary services are concentrated in core economic regions of Europe and North America

1:43 AM

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d. Tertiary and quaternary services are concentrated in core economic regions of Europe and North America

1:43 AM

The quantitative analysis of topographic surfaces is:
Question 36Answer

a.
Terrain Analysis

b.
Land use planning

c.
Landscape Analysis

d.
Landform Analysis

1:52 AM

Assistant

a. Terrain Analysis

1:52 AM

Which of the following statements in NOT the concern of development geography?

Question 37Answer

a.
People's standard of living and its quality of life

b.
The social, economic, historical, political and environmental factors causing inequality among people

c.
The potential development options at local, regional and global levels

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d.
An argument that wealth is equally distributed on this planet among people

2:07 AM

Assistant

d. An argument that wealth is equally distributed on this planet among people

2:07 AM

Which one of the following regional temperature contrasts leads to difference in air pressure?
Question 38Answer

a.
Difference in heating and cooling between high and low latitude

b.
Difference in heating between vegetation and lakes

c.
Difference in heating between land and water bodies

d.
Difference in heating between snow-cover and bare land surface

2:08 AM

Assistant

a. Difference in heating and cooling between high and low latitude

2:08 AM

The techniques which measures the level of food insecurity during the past 30 days as self-reported by the household is:
Question 39Answer

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a.
Household Food Balance Model

b.
Household Food Insecurity Access Scale

c.
GDP per capital

d.
Household Food Consumption Score

2:08 AM

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b. Household Food Insecurity Access Scale

2:08 AM

The average number of children that would be born to a woman by the time she ended childbearing is:
Question 40Answer

a.
General Fertility Rate

b.
The Crude Birth Rate

c.
Age Specific Birth Rate

d.
Total Fertility Rate

2:09 AM

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If you need anything else—explanations for any answers, references, or help studying these topics—tell me which question(s) and I'll expand.

2:09 AM

only answer

2:10 AM

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d. Total Fertility Rate

2:10 AM

Which component of GIS includes the servers, computers, GPS units, and drones used to run the system and collect data?
Question 41Answer

a.
Data

b.
Hardware

c.
Software

d.
Procedures

2:10 AM

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b. Hardware

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2:10 AM

Identify the exogenic process which is responsible for changing the surface of the earth?
Question 42Answer

a.
Mass wasting

b.
Earth quake

c.
Faulting

d.
Folding

2:10 AM



Assistant

a. Mass wasting

2:10 AM

In which component of hydrologic cycle creates a greenhouse effect by observing heat loss from the surface?
Question 43Answer

a.
Lithosphere

b.
Atmosphere

c.
Biospheres

d.
Hydrosphere

2:11 AM

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b. Atmosphere

2:11 AM

A model which describes how data is represented graphically in an information system or in a database management system is:
Question 44Answer

a.
Temporal Data model

b.
Thematic data model

c.
Spatial data Model

d.
Attribute data model

2:11 AM

Assistant

c. Spatial data Model

2:11 AM

Which of the following is NOT a mechanism for reducing vulnerability?

Question 45Answer

a.
Diversifying livelihoods

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b.
Strengthening social safety nets

c.
Daunting vulnerable populations

d.
Improving access to resources

2:12 AM

Assistant

c. Daunting vulnerable populations

2:12 AM

One of the following is not key features of natural resources?

Question 46Answer

a.
Vulnerability to degradation

b.
Variability in distribution

c.
Ecological significance

d.
Even distribution

2:12 AM

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d. Even distribution

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2:12 AM

Which of the following is the physical water pollutant?
Question 47Answer

a.
Bacteria

b.
Pesticides

c.
Fertilizers

d.
Sediment

2:12 AM

Assistant

d. Sediment

2:12 AM

The concept of agglomeration economies is fundamental to spatial theories of regional growth because it explains why:
Question 48Answer

a.
rural areas always have a comparative advantage in service-sector innovation due to lower costs and less regulation.

b.
industries and firms are geographically dispersed to minimize competition for resources and avoid congestion.

c.
planned economies are more efficient than market economies at distributing productive forces evenly across a national territory.

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d.
economic activities tend to cluster spatially in cities and industrial districts to benefit from shared labor pools, suppliers, knowledge spillovers, and infrastructure.

View more
2:12 AM

Assistant

d. economic activities tend to cluster spatially in cities and industrial districts to benefit from shared labor pools, suppliers, knowledge spillovers, and infrastructure.

2:12 AM

If Country X has a GDP growth rate of 5% and a population growth rate of 2%, its approximate GDP per capita growth rate is:
Question 49Answer

a.
7%

b.
3%

c.
2.9%

d.
10%

2:12 AM

Assistant

b. 3%

2:12 AM

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One of the following is not environmental causes of livelihoods and food insecurity?

Question 50Answer

a.
Depletion of water tables

b.
Military conflicts

c.
Decline in soil fertility

d.
Deforestation, over-cultivation

2:13 AM

Assistant

b. Military conflicts

2:13 AM

Coriolis force is created mainly due to?
Question 51Answer

a.
Revolution of the earth's surface

b.
Gravitation of the Earth

c.
Heating and cooling of the earth’s surface

d.
The rotation of the earth's surface

2:14 AM

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d. The rotation of the earth's surface

2:14 AM

Watershed Management practices have the following impacts, EXCEPT

Question 52Answer

a.
Reducing runoff and potential flood damage

b.
Reducing infiltration of water into soils

c.
Limiting the damage of drought and flood

d.
Slowdown soil erosion in the watersheds

2:14 AM



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b. Reducing infiltration of water into soils

2:14 AM

One of the following is an example of material culture?
Question 53Answer

a.
Traditional clothing

b.
Religious beliefs

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c.
Spoken language

d.
Social norms

2:15 AM

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a. Traditional clothing

2:15 AM

Which of the following is NOT TRUE about hachure?

Question 54Answer

a.
The shorter and the thicker the lines of Hachure indicates the steeper slope

b.
Hachures are short disconnected and parallel lines, which represent slopes.

c.
When slops are gentler, hachure put close together and vice versa

d.
The longer and thinner hachure line represent gentle surface.

2:15 AM

Assistant

c. When slops are gentler, hachure put close together and vice versa

2:15 AM

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Which of the following is NOT TRUE about globalization and the third world economy?

Question 55Answer

a.
The economy of developing countries is relatively weak and less competitive.

b.
As the developing of global economy, trade globalization is inevitable

c.
The industries in developing countries are influenced by multi-national enterprises

d.
Developing countries export more high-tech products.

2:15 AM



Assistant

d. Developing countries export more high-tech products.

2:15 AM

Using a Neoclassical Theory approach to solve urban unemployment, a government would prioritize:
Question 56Answer

a.
Nationalizing major industries

b.
Removing excessive regulations on small business startups

c.
Providing universal guaranteed income

d.
Implementing strict import quotas

2:15 AM

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Assistant

b. Removing excessive regulations on small business startups

2:15 AM

The science and art of making maps is called:
Question 57Answer

a.
Cartography

b.
Topography

c.
Geodesy

d.
Geography

2:16 AM

Assistant

a. Cartography

2:16 AM

All are the assumptions of Von Thunen locational theory, EXCEPT:

Question 58Answer

a.
There was one urban center in which all agricultural products were purchased

b.
The area being investigated was an isolated state with the outside world.

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c.
There was only one form of transport, horse drawn vehicles.

d.
The area occupied by an isolated state had diverse physical conditions

2:16 AM

Assistant

d. The area occupied by an isolated state had diverse physical conditions

2:16 AM

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Question 58Answer

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2:17 AM

Assistant

d. The area occupied by an isolated state had diverse physical conditions

2:17 AM

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How the latitudinal locations of certain places determine the amount of solar energy received?
Question 59Answer

a.
When the sun strikes the earth vertically, moderate amount of solar energy is received.

b.
Latitudinal location determines the angle at which the sun's rays strike the earth's surface.

c.
Slanting (oblique) rays result in large amount of solar radiation per unit area.

d.
When the sun strikes the earth's surface vertically; small amount of solar energy is received.

2:18 AM



Assistant

b. Latitudinal location determines the angle at which the sun's rays strike the earth's surface.

2:18 AM

Studying and listening to hip-hop music from New York City is a primary example of:
Question 60Answer

a.
Cultural Landscape

b.
Cultural Region

c.
Cultural Diffusion

d.
Cultural Ecology

2:18 AM



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c. Cultural Diffusion

2:18 AM

Demand-driven growth models focus on:
Question 61Answer

a.
Limiting external investments

b.
Increasing urban sprawl

c.
Reducing regional competitiveness

d.
Attracting trade and innovation

2:18 AM

Assistant

d. Attracting trade and innovation

2:18 AM

One of the following is true about scientific research?

Question 62Answer

a.
Doesn’t allow results to be verified by replicating the study

b.
Doesn’t concerned with rules of logical reasoning and the logical process

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c.
A research which measures results what it claims to measure.

d.
Discourages complete frankness, flaws in procedural design

2:19 AM

Assistant

c. A research which measures results what it claims to measure.

2:19 AM

Which type of remote sensing image is specifically used for creating digital elevation models and topographic maps?
Question 63Answer

a.
Multispectral image with 4 bands

b.
Radar (SAR) image

c.
Optical RGB image

d.
Thermal infrared image

2:19 AM

Assistant

b. Radar (SAR) image

2:19 AM

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Which one of the following are renewable natural resources?
Question 64Answer

a.
Oil

b.
Coal

c.
Forest

d.
Petroleum

2:19 AM

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c. Forest

2:19 AM

One of the following is primary train attributes is concerned with maximum rate of change of elevation from each DEM cell:
Question 65Answer

a.
Slope

b.
Aspect

c.
Curvature

d.
Elevation

2:19 AM

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a. Slope

2:19 AM

Which of statements below best describes geological process?
Question 66Answer

a.
Earth's crust is a dynamic entity, hence, it moves vertically and horizontally.

b.
Due to external force overtime, large mountains turn into small hills & finally turn into the plain

c.
Erosional process includes migration of tectonic plates, faulting, folding & volcanic eruptions

d.
Terrain is formed by concurrent processes operating on the underlying geological structures.

2:22 AM

Assistant

d. Terrain is formed by concurrent processes operating on the underlying geological structures.

2:22 AM

A country with high fertility and rapidly declining mortality will most likely experience:
Question 67Answer

a.
An aging population

b.
Immediate population decline

c.
Rapid population growth

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d.
Stable population size

2:22 AM

Assistant

c. Rapid population growth

2:22 AM

The study of earth's physical land-surface feature is
Question 68Answer

a.
Geography

b.
Geophysics

c.
Geology

d.
Geomorphology

2:23 AM

Assistant

d. Geomorphology

2:23 AM

Which of the following is an example of cultural development in early human history?
Question 69Answer

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a.
Discovery of fossil fuels

b.
Construction of highways and railways

c.
Domestication of plants and animals

d.
Extinction of large mammals

2:23 AM

Assistant

c. Domestication of plants and animals

2:23 AM

A type of economic actives in which people working are considered as “Red Collars”?
Question 70Answer

a.
Tertiary economic activities

b.
Secondary economic activities

c.
Quaternary economic activities

d.
Primary economic activities

2:23 AM

Assistant

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b. Secondary economic activities

2:23 AM

Remote sensing image acquisition is based on detecting and recording of:
Question 71Answer

a.
sounds from the Earth's surface

b.
gravitational forces

c.
electromagnetic radiation reflected or emitted from objects

d.
direct chemical samples

2:24 AM

Assistant

c. electromagnetic radiation reflected or emitted from objects

2:24 AM

Which one of the following is NOT TRUE about Geomorphology?

Question 72Answer

a.
It is the scientific study of landforms, landscapes and the process that shape them.

b.
It is the scientific study of the origin and evolution of features of the Earth

c.
It is the study of topographic and bathymetric features of the Earth

d.
It’s scope is exclusively limited to terrestrial environment

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2:24 AM

Assistant

d. It’s scope is exclusively limited to terrestrial environment

2:24 AM

Which of the following is correct about Human Development Index (HDI)?

Question 73Answer

a.
It measures the education, income and health status of a country

b.
There is high HDI values for developing countries

c.
It always falls between 1 and 2 values

d.
It exclusively measures the economic growth of a country

2:25 AM

Assistant

a. It measures the education, income and health status of a country

2:25 AM

One of the following is TRUE about longitudinal research design?
Question 74Answer

a.
It provides a snapshot of the variables you are studying

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b.
It is used to analyze relationships between variables at a specific moment

c.
Data collected at one point in time

d.
Data collected repeatedly over time

2:25 AM

Assistant

d. Data collected repeatedly over time

2:25 AM

Which one of the following is TRUE about the drainage pattern?

Question 75Answer

a.
Centripetal drainage pattern is the converging of streams into a central depression.

b.
Trellis drainage pattern is similar to vein patterns in the leaves of trees.

c.
It is less likely to be influenced by rock structure resistance and folded strata.

d.
It is the arrangement of channels in the certain area.

2:25 AM

Assistant

d. It is the arrangement of channels in the certain area.

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2:25 AM

A major cause of chronic food insecurity in Ethiopia is:
Question 76Answer

a.
Lack of arable land nationwide

b.
Over production of staple crops

c.
High reliance on rain fed agriculture vulnerable to drought

d.
Complete absence of international aid

2:25 AM

Assistant

c. High reliance on rain fed agriculture vulnerable to drought

2:25 AM

Which source provides continuous, high-frequency data on population events like births and deaths?
Question 77Answer

a.
Social media feeds

b.
A single national census

c.
Satellite imagery

d.
Vital registration

2:25 AM

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d. Vital registration

2:25 AM

Which of the following theory of landform development implies the current landforms are the same processes occurred in the past?
Question 78Answer

a.
Catastrophism

b.
Uniformitarianism

c.
Destructives

d.
Constructivism

2:27 AM

Assistant

b. Uniformitarianism

2:27 AM

The closed end of the contour line points away from high ground represents?
Question 79Answer

a.
Ridge

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b.
Draw

c.
Cliff

d.
Depression

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a. Ridge

2:27 AM

Which system is specifically designed for precise, local measurements on a flat surface, like a construction site plan?
Question 80Answer

a.
Global navigation system

b.
Celestial coordinate system

c.
Geographic coordinate system

d.
Cartesian coordinate system

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Assistant

d. Cartesian coordinate system

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2:27 AM

From the following sampling types, one pertain every Kth person in the production line?

Question 81Answer

a.
Simple Random Sampling

b.
Systematic Random Sampling

c.
Cluster sampling

d.
Snow ball sampling

2:27 AM



Assistant

b. Systematic Random Sampling

2:27 AM

One of the following is TRUE about shape of remotely sense image?

Question 82Answer

a.
Regular shapes objects are signs of natural features

b.
Irregular shapes with no distinct pattern are signs of man-made objects

c.
Regular shapes objects are signs of man-made objects

d.
Squares, rectangles and circles are signs of natural features

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2:28 AM

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c. Regular shapes objects are signs of man-made objects

2:28 AM

One is NOT a reason for cartographers to develop map projection?
Question 83Answer

a.
Basically needed to produce three dimensional map

b.
The Earth has to be projected to see all of it at once

c.
It‘s much easier to measure distance on a plane

d.
It is impossible to create a raster on a curved surface

2:29 AM

Assistant

a. Basically needed to produce three dimensional map

2:29 AM

The present landform of Ethiopia is formed dominantly in which geomorphic processes?
Question 84Answer

a.
Orogeny

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b.
Folding and faulting alone

c.
Denudation

d.
All tectonic activities

2:29 AM

Assistant

d. All tectonic activities

2:29 AM

The coordinates 8.9° N, 38.9° E is an example of a location given in:
Question 85Answer

a.
Projected coordinates

b.
UTM coordinates

c.
Cartesian coordinates

d.
Geographic coordinates

2:29 AM

Assistant

d. Geographic coordinates

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2:29 AM

One of the following is TRUE about Inter-regional planning?

Question 86Answer

a.
It focuses on planning with in a specific region or area or a smaller geographic unit.

b.
It focuses on strategic planning, coordination, and cooperation between multiple regions.

c.
It aims to improve the quality of life and promote sustainable development with in that region.

d.
It involves addressing local issues, challenges, and opportunities with in that particular region.

2:29 AM

Assistant

b. It focuses on strategic planning, coordination, and cooperation between multiple regions.

2:29 AM

A household is considered to have food security when:
Question 87Answer

a.
All members have reliable access to sufficient, safe, & nutritious food

b.
It consumes imported food

c.
It spends over 50% of its income on food

d.
It produces all its own food

2:30 AM

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a. All members have reliable access to sufficient, safe, & nutritious food

2:30 AM

One of the following predicts a relationship between two or more variables?
Question 88Answer

a.
Hypothesis

b.
Conclusion

c.
Background

d.
Statement of problem

2:31 AM

Assistant

a. Hypothesis

2:31 AM

A key part of a critical literature review is identifying:
Question 89Answer

a.
The journals impact factor

b.
The author personal biography

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c.
Gaps, weakness & contradictions in previous studies

d.
The most extensive research equipment used

2:31 AM

Assistant

c. Gaps, weakness & contradictions in previous studies

2:31 AM

The hydrologic balance of a watershed quantifies:
Question 90Answer

a.
the ground water alone

b.
the surface flow alone

c.
the loss of water in stream bed

d.
the inflow, outflow and change in storage of water

2:32 AM

Assistant

d. the inflow, outflow and change in storage of water

2:32 AM

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What do you feel about our atmospheric function to Earth?
Question 91Answer

a.
Act as medium for hydrosphere and lithospheres

b.
It provides suspended particles

c.
It provides water to surface of the earth

d.
It creates global temperature imbalance

2:32 AM

Assistant

a. Act as medium for hydrosphere and lithospheres

2:32 AM

A key explanation for persistent income disparity between two regions within the same country is:
Question 92Answer

a.
Random climatic variations that have no long-term economic impact in the modern service-based economy.

b.
Identical levels of investment in human capital, physical infrastructure, and access to technology.

c.
The phenomenon of a core-periphery structure, where one region accumulates capital, skilled labor, and innovation sectors, while another provides raw materials and less specialized labor.

d.
A perfectly equitable distribution of government subsidies and progressive taxation that negates any historical advantages.

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c. The phenomenon of a core-periphery structure, where one region accumulates capital, skilled labor, and innovation sectors, while another provides raw materials and less specialized labor.

2:32 AM

The first crucial step of land use planning involves?
Question 93Answer

a.
Establishing goals and Terms of Reference

b.
Organizing the Works

c.
Analyzing the Problem

d.
Evaluating Land Suitability

2:32 AM

Assistant

a. Establishing goals and Terms of Reference

2:32 AM

The type of landform which can be formed from curving, buckling and bending original rock layer is:
Question 94Answer

a.
Joint

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b.
Fold

c.
Fracture

d.
Fault

2:32 AM

Assistant

b. Fold

2:32 AM

Raster datasets are NOT suitable to apply for:

Question 95Answer

a.
advanced spatial and statistical analysis

b.
representing linear features

c.
image classification of varied land use

d.
representing continuously changing values such as elevation

2:33 AM

Assistant

b. representing linear features

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2:33 AM

The main aspects of application of remote sensing in hydrology is:
Question 96Answer

a.
Land use Land cover monitoring and detection

b.
Flood delineation and Soil moisture content analysis

c.
Agricultural drought assessment and monitoring

d.
Mapping and monitoring crop condition

2:33 AM

Assistant

b. Flood delineation and Soil moisture content analysis

2:33 AM

Which of the following is classified as a non-renewable natural resource?
Question 97Answer

a.
Coal deposits

b.
Wind energy

c.
Timber from a managed forest

d.
Fresh water in a lake

2:33 AM

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Assistant

a. Coal deposits

2:33 AM

If the study on deforestation uses satellite images from only one dry season, a valid critique would be:
Question 98Answer

a.
Temporal validity

b.
An abstract

c.
Colorful graphs

d.
A good hypothesis

2:34 AM

Assistant

a. Temporal validity

2:34 AM

One of the following is true about the type of maps?

Question 99Answer

a.
Smaller scale maps show detail information

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b.
Thematic maps show general information about an area

c.
Topographic maps show specific information about an area

d.
Smaller scale maps show less & generalized information

2:34 AM

Assistant

d. Smaller scale maps show less & generalized information

2:34 AM

The world's oldest major religions, such as Hinduism and Judaism, are primarily characterized by their:
Question 100Answer

a.
Global evenly distributed population of adherents

b.
Strong association with a specific ethnic group and place of origin

c.
Recent emergency in the last 500 years

d.
Reliance on a single centralized global religious authority

b. Strong association with a specific ethnic group and place of origin

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