

Barchans are:

- A. Parabolic sand dunes
- B. Crescent-shaped sand dunes
- C. Transverse sand dunes
- D. Longitudinal dunes

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'Down Town' are associated with:

A. CBD

B. Suburb

C. Ghetto

- D. Residential
- The lessoning of the adverse impacts of hazards and related disasters is known
 - A. Prevention

B. Vulnerability

Mitigation

- D. Preparedness
- The outright avoidance of adverse impacts of hazards and related disasters is known as;
 - A. Mitigation

B. Vulnerability

C. Prevention

- D. Preparedness
- 5 Pre monsoon showers in Kerala and Karnataka are known as;
 - A. Hails

B. Storms

5

Mango showers

- D. Cyclones
- [3]

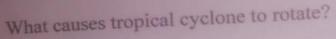
The average annual rainfall of Delhi is

A. 817 mm

B. 517mm

C. 717 mm

D. 617 mm



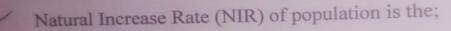
A. Tension Force

B. Gravitational Force

Frie Frie

Frictional Force

D. Coriolis force



- A. Percent annual growth excluding annual migration
- B. Percent annual growth including annual migration
- C. Both A and B
- D. None of the above

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- 9 Which of the following is not a component of food security?
 - A. Availability

B. Access

de.

Utilization

D. Expenditure

- People who have had to leave their homes as a result of natural, technological or deliberate event and remain in their country are known as;
 - A. Refugee

B. Displaced

C. Migrant

D. None of the above

- How many Sustainable Development Goals (SDGs) are identified in "The 2030
 - A. 14

B. 15

C. 16

- D 17
- 12 The measure for association between two categorical variables is known as;
 - Correlation

B. Regression

C. Chi-square test

- D. t-test
- 13 An oblate spheroid whose shape resembles the actual shape of the Earth is known

as;

A. Geoid

B. Spheroid

C. Map

D. UTM

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- 14 Acid rain is caused by;
 - A. Oxides of nitrogen
- B. Oxides of carbon

Oxides of sulphur

D. Ozone

REDMI NOTE 6 PRO MI DUAL CAMERA

There is only one independent variable

Symbiosis is a relationship between the members of

different species

equal species D.

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Sea snot refers to:



Spring Tides

Sea deposits B.

Salinity D.

Any ground that remains completely frozen-32°F (0°C) or colder for at least two 2021/8/8 19:5

years straight is known as;

Ice Shelves

B.

Ice Streams

Moraine D.

[6]

Entrance Examination - 2021 - 22

9 An 'Archipelago is:

- A. A circular coral reef that encloses a shallow lagoon
- B. The plant and animal life on the earth.

C A chain or set of islands grouped together

D. None of the above

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- Which of the following is not a component of Risk Assessment?
 - A. Hazard Assessment
- B. Vulnerability Assessment:
- (C.) People's perception of Risk
- D. Rehabilitation
- 21 The Sendai Framework was adopted at the Third UN World Conference on

Disaster Risk Reduction in Sendai, Japan, on;

March 18, 2015

B. March 18, 2014

C. March 18, 2016

- D. March 18, 2017
- Hygo Framework for Action was adopted in World Conference on Disaster Reduction held at Hygo, Japan during;

18-22 January 2005

- B. 18-22 February 2005
- C. 18-22 January 2006
- D. 18-22 February 2006

How many members are there in the National Disaster Management Authority?

A. 8

B. 9

C. 10

D. 11

An extensive depression having a flat floor and steep walls but no out flowing Surface stream and found in a region having karsts topography is known as;

A. Polj e

B. Uvalas

C. Ponor

D. Sink Holes

25 The value of correlation coefficient ranges between;

A. 0 and + 1

B. -1 and +1

C. -1 and 0

D. None of the above

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26 The Open Series Maps (OSM) are developed on which Projection?

A. Polyconic

B. Mercator's

C. UTM

D. Bonne's

The National Crisis Management Committee is headed by;

A. Prime Minister

OK.

Home Minister

C. Cabinet Secretary

D. Joint Secretary

M70 SET-D

- 28 Which of the following rays of EMR have the longest and shortest wavelength?
 - A. Radio waves and infrared rays
 - B. Ultraviolet rays and X-rays

Radio waves and gamma rays

- D. Ultraviolet rays and gamma rays
- 29 The range of wavelengths of visible spectrum is;
 - 380 to 700 nanometers
- B. 100 to 380 nanometers
- C. 700 to 900 nanometers
- D. More than 900 nanometers

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- The population level at which the best economic standard could be achieved is termed as;
 - A. Under population

- B. Over Population
- Optimum population
- D. Net population

An assumed fact in the form of a short statement one makes to go further into reasoning is known as;

A. Model

B. Law

C. Theory

D. Hypothesis

Clouds are classified according to their height above and appearance (texture) from the ground. On the basis of altitude these are clouds are classified as high, mid and low level clouds. The high level clouds are given "Cirro". What prefix is used for mid level clouds? Cumulo B. Nimbo D. SSF JAMIA MILLIA ISLAMIA When an earthquake strikes, you should; Run outside to avoid falling building debris Lean against an inside wall Take cover under something heavy Both B and C The movement of a mass of rock, debris, or earth down a slope due to gravity is

Flash Flood

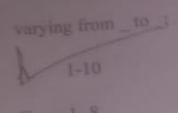
Earthquake

D.

Landslide

Sinkhole

36 The Richter magnitude scale is logarithmic with commonly reported magnitudes

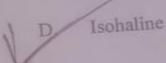


- B. 1-9
- D. 1-7

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- 37 The term B3W stands for:
 - A. Build Back Best World
 - C. Build a Better World
- (B.) Build Back Better World
 - D. Build the Best World
- The line joining the places having equal value of salinity is known as;
 - A. Isotherms
 - C. Isohyte

B. Isobar



- The scientific code of the Delta variant of Covid-19 which is largely responsible for widespread infection in India is;
 - A. B.1.1.7
 - D.1.1.
 - C. P.1

- B. B.1.351
- D. B.1.617.2

		Interquartile range (1917)					
		Median absolute deviation (MAD)					
	C.	Nested Mean					
	D.	Standard deviation.					
41	41 Tropical cyclones are known as Hurricane in;						
	70	North Atlantic and eastern Pacific oceans					
	В.	Western Pacific Ocean					
	C.	Arctic Ocean SSF JAMIA MILLIA ISLAMIA New Delhi					
	D.	None of the Above					
43	In an age-sex pyramid the population size and age groups are shown respec						
	along	g .					
	A.	X-axis and Y-axis B. Y-axis and X-ax is					
	C.	X axis only D. Y axis only					
43	The theory developed by Thomas Malthus which stated that human population						
would be controlled by the planets ability to produce food to feed it is;							
	Demographic Transition Model						
	В.	Biotic Potential					
	C.	Logistic Population					
	D.	Age-Sex Structure					
		1121					

Entrance Examination - 2021 - 22

- 44 The process in which inorganic mutrients are enriched with water is called
 - A. Industrialization

B. Pollution

C. Eutrophication

- D. Contamination
- 45. What are the three ways humans interact with their environment?
 - A. Depend, Modify, Decide
- B. Adapt, Depend, Modify
- C. Depend, Modify, Adapt
- D. Adapt, Modify, Depend
- Assertion (A): Hot desert regions have high diurnal temperature ranges. Reason (R): There is no cloud cover in the hot desert regions.
 - A. Both A and R are true and R is the correct explanation of A
 - B. Both A and R are true and R is not the correct explanation of A
 - C. A is true but R i s false.
 - D. A is false but R is true

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47 Assertion (A): A ship rises as it enters the sea from a river.

Reason(R): The density of sea water is higher as compared to the river water.

- A. Both A and R are true and R is the correct explanation of A
- B. Both A and R are true and R is not the correct explanation of A
- C. A is false but R is true
- D. A is true but R is false

The area of almost no wind at the equator is called

A The doldrums

B. Trade winds

C. Westerlies

D. Monsoon

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The density of Earth is calculated by dividing the planet's mass by its volume, then simplifying from kg/km to g/cm cubed. The average density of the earth is;

A. 4.513 g/cm3

B. 5.513 g/cm3

C. 7.513 g/cm3

D. 6.513 g/cm³

51 Which of the following is not a fluvial feature?



B. Piedmont Plain

C. Oxbow lakes

D. Peneplain

52 The small cylindrical depressions in the rocky beds of the river valleys are called:

A. Terraces

B. Gullyes

C. Attrition

D. Potholes

M70 SET - D

[14]

- Small depressions in the glacial landscape, often filled with water post glaciations are known as; Kettles A. Fjords Ice Shelves Crevasses Which of the following is not an Aeolian landform"; 54 Deflation Hollow B. Ventifact Yardangs D. Arete SSF JAMIA MILLIA ISLAMIA Which of the following lakes is an example of lagoon? 55 lake Mansrovar В. Chilka lake Playa Lake D. Dal lake
 - An agreement where the parties to it negotiate to reach common ground and avoid further conflict or disagreement and normally ratified by the lawmaking authority of the government whose representative has signed it known as;
 - A. Convention

B Treaty

C. Agreement

D. Protocol

A Shadow

D. Photo

ON value in remote sensing is simply a Digital Number which represents the brightness value of a pixel. It ranges between;

A. 0-255

В. 0-256

C. 1-255

D. 1-256

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Which of the following regions of Electromagnetic spectrum is not used in satellite remote sensing?

A. Microwave region

B. Infrared region

X-rays

D. Visible region

60 What are three phases of disaster management planning?

Preparation, Response and Recovery

- B. Preparation, Planning and Perception
- C. Evacuation, Rebuilding and Re-branding
- D. Planning, Evacuation and Recovery

- None of the above Public Libraries and residence D.
- Yellow, Orange and Red colour codes relating to Cyclones indicate;
 - cyclone watch, cyclone alert and cyclone warning
 - cyclone alert, cyclone watch, and cyclone warning

Cyclone warning, cyclone watch, and cyclone alert

cyclone watch, cyclone warning, and cyclone alert

Tabadeett gal SSF JAMIA MILLIA ISLAMIA

Ranging Radio Detection Radio Detection and Ranging B.

Radio Range Detection D. Range Detection Radio

When a wave gets close to shore, water particles near the bottom move in _

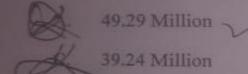
Circular o

Elliptical В.

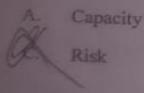
C. Irregular

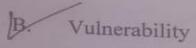
Rectangular\ D.

- A country has a population of 30.5 million and a natural increase of 2.4% per year. What will be the population in twenty years?



- 65.42 Million В.
- D. 59.44 Million
- The extent to which a community , structure , services or geographic area is likely to be damaged or disrupted by the impact of particular hazard is termed as;





Hazard assessment D.

What is the full form of IPCC?

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- International Panel on Climate Conservation
- International Panel on Climate Change
- Intergovernmental Protocols on Climate Change

intergovernmental Panel on Climate Change

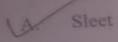
M70 SET - D

69 The term 'regur' refers to

Black cotton soils

- B. Desert soils
- D. Red and yellow soil

70 When falling snow melts and then refreezes before it hits the ground is known as:



C Snow

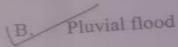
- B. Hail
- D. All of the above

When flood is caused due to heavy rainfall and independent of an overflowing water body, it is known as;



Fluvial flood

C. Coastal flood



D. All of the above

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72 Which of the following is cold current?

A. Kuroshio Current

Labrador Current

B. Gulf Stream

All of the above

73 A measure of the amount of water vapour in the air is called;

A. Evaporation

C. Condensation

B. Precipitation

D. Humidity

harrien if the equator had been at the place of tropic of cancer?

- High temperature and low rainfall
- 2 Low temperature and high rainfall

High temperature and high rainfall

- D. Low temperature and low rainfall
- 75 Which of the following represents actual growth of population?
 - A. Births Deaths + In Migration Out Migration
 - B. Births Deaths In Migration + Out Migration
 - Births + Deaths + In Migration Out Migration
 - D. Births Deaths In Migration + Out Migration

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- 76 The Koppen climate classification is based on:
 - A. Evaporation and precipitation
 - B. Temperature and precipitation
 - C. Solar radiation and temperature
 - D. None of the above
- 77 What is 'Metadata '?

A. It is 'data about data'

- H. It is 'meteorological data'
- C. It is 'oceanic data'
- D. It is 'contour data'

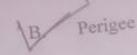
- Determine the scale of the map if the distance on the map is given as 2cm which is equal to 1km on the ground.
 - 1:50,000

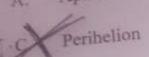
1:5,000

1:100,000

- 1:500 D.
- The distance between the earth and the moon is minimum when the moon is in: 79

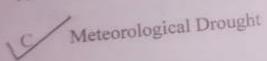
Aphelion



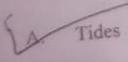


Apogee

- Deficiency of precipitation from expected or normal levels over an extended 80 period of time is known as;
 - Hydrological Drought
- Agricultural Drought B.



- None of the above D.
- Periodic movement of the sea water is known as-81



Waves B.



Current

Tsunami D.

The Geological time scale is a record of the life forms and geological events in Parth's history. Which of the following is the correct sequence of the geologic Epoch, Era, Period, Era, Period, Epoch Epoch, Period, Era D. Period, Era, Epoch Which of the following sequences lists correctly the arrival earthquake waves from first to last? Surface waves, P waves, S waves A. P waves, Surface waves, S waves S waves, P waves, Surface waves C. P waves, S waves, Surface waves SSF JAMIA MILLIA ISLAMIA

- 84 Large bowl-shaped volcanic depression and rimmed by enfacing scarps is known
 - Α. Caldera Lake

Playa Lake В.

Oxbow lake

- None of the above D.
- Which of the following is not a type of mass wasting?
 - Slomp

B. Rockfall

Slides

D. Folding

MTRSEY-D

		knot. One knot approximately equals to
	The wind speed is measured in	
	A. 1 .852 km/h	
	C. 1.452 km/h	D. 1.342 km/h
	and abdison	s from the bottom of river, lake etc using special
87	Removal of unwanted thing	O high
	devices is known as;	Maghered .
	A. De-siltation	B. Salinzation
		Dredging Swh
	C. Sedimentation	
		and rainfall into a particular body of
88	An area of land that drain	s all the streams and rainfall into a particular body of
	water, such as a stream, riv	ver, pond, or lake is known as;
		B. Wetland
		D. Bay
	1c. Watershed	SSF JAMIA MILLIA ISLAMIA
		New Delhi
0	9 Indian National Satellite	(INSAT) is a satellite of India;
	Remote Sensing s	t the motolists
		D. None of the above
	C. GPS satellite	D. Trous
	a. c. Uing	river flows from south to north?
	90 Which of the following	L. Manuada
	X Kosi	B. Narmada
	C/ Gandak	D. Betwa
	~	[23] Examination – 202
	M70 SET - D	[23] Entrance Examination – 202

the following is not type of front /

Cold from

B. Warm front

C Fore front

- D. Occluded front
- The tyre pressure of your vehicle is measured in psi. The psi stands for;
 - Pounds per square inch
- B. Pressure per square inch
- C. Points per square inch
- D. Pixel per square inch

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- The ability of a system, community or society exposed to hazards to resist, absorb, accommodate to and recover from the effects of a hazard in a timely and efficient manner, including through the preservation and restoration of its essential basic structures and functions is known as:
 - A Response Resilience

- B. Risk management
- D. Vulnerability
- The correct sequence of structure of the from low to high is;
 - A Troposphere, Thermosphere, Mesosphere and Stratosphere
 - B. Troposphere, Mesosphere, Thermosphere, and Stratosphere
 - Toposphere, Mesosphere, Stratosphere and Thermosphere
 - Troposphere, Stratosphere, Mesosphere, and Thermosphere

On a False Colour Composite (FCC) the settlement appears in:								
		Red Colour	В.	Green Colour				
	C.	Cyan colour	D.	Brown Colour				
96	On S	On Survey of India toposheet the settlement appears in;						
	A	Red Colour	В.	Green Colour				
	C.	Cyan Colour	D.	Brown Colour				
97 The Coastal Zone Management Act (CZMA) was passed in;								
	Α.	1973	В.	1975 , 1 DA 797:				
	C.	1976	LD	1975 W (P Az) 973: October				
				Oderney				
98 Which of the following is an Indian Remote Sensing satellite?								
	A	· ANTOGAT	13	CARTOSAT				
		IKONOS	Ι	, QUICKBIRD				
		SSF JAMI	A MILL lew De	IA ISLAMIA Ihi				
99 Which of the following is an American GPS?								
		A. BeiDou		B. GALILEO				

C. GLONASS

given by:

A. Maldives

B. Oman

Myanmar

D. India

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