

1 Barchans are;

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

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2 'Down Town' are associated with:

- A. CBD
- B. Suburb
- C. Ghetto
- D. Residential

3 The lessening of the adverse impacts of hazards and related disasters is known as;

- A. Prevention
- B. Vulnerability
- ☒ C. Mitigation
- D. Preparedness

4 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
- ☒ C. Mango showers
- D. Cyclones

[3]

6 The average annual rainfall of Delhi is;

- A. 817 mm
- B. 517mm
- C. 717 mm
- D. 617 mm

7 What causes tropical cyclone to rotate?

- A. Tension Force
- B. Gravitational Force
- ☒ C. Frictional Force
- ☒ D. Coriolis force

8 Natural Increase Rate (NIR) of population is the;

- 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
- ☒ C. Utilization
- D. Expenditure

10 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

11 How many Sustainable Development Goals (SDGs) are identified in "The 2030 Agenda for Sustainable Development."

A. 14

B. 15

C. 16

☒ D. 17

12 The measure for association between two categorical variables is known as;

☒ A. 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

☒ C. Oxides of sulphur

D. Ozone

Multicollinearity exists when;

- A. Independent variables are correlated less than -0.70 or more than 0.70
- B. An independent variable is strongly correlated with a dependent variable
- C. The relationship between dependent and independent variables is non-linear
- D. There is only one independent variable

16 Symbiosis is a relationship between the members of

- A. same species
- ☒ B. two species
- ☒ C. different species
- D. equal species

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17 Sea snot refers to;

- ☒ A. Sea Sliva
- B. Sea deposits
- C. Spring Tides
- D. Salinity

18 Any ground that remains completely frozen-32°F (0°C) or colder for at least two years straight is known as;

- A. Ice Shelves
- B. Ice Streams
- ☒ C. Permafrost
- D. Moraine

- 19 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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- 20 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;
- ☒ A. March 18, 2015
 - B. March 18, 2014
 - C. March 18, 2016
 - D. March 18, 2017

- 22 Hygo Framework for Action was adopted in World Conference on Disaster Reduction held at Hygo, Japan during;
- ☒ A. 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

24

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

27 The National Crisis Management Committee is headed by;

- A. Prime Minister
B. Home Minister
C. Cabinet Secretary
D. Joint Secretary

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
- ☒ C. Radio waves and gamma rays
- D. Ultraviolet rays and gamma rays

29 The range of wavelengths of visible spectrum is;

- ☒ A. 380 to 700 nanometers
- B. 100 to 380 nanometers
- C. 700 to 900 nanometers
- D. More than 900 nanometers

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30 The population level at which the best economic standard could be achieved is termed as;

- A. Under population
- B. Over Population
- ☒ C. Optimum population
- D. Net population

☒ 31 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

32. rocks altered and changed by pressure and heats are;
- A. Igneous
 - B. Metamorphic
 - C. Sedimentary
 - D. All of the above

33. Clouds are classified according to their height above and appearance (texture) from the ground. On the basis of altitude these 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?
- A. Strato
 - B. Cumulo
 - C. Alto
 - D. Nimbo

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34. When an earthquake strikes, you should;
- ☒ A. Run outside to avoid falling building debris
 - ☐ B. Lean against an inside wall
 - ☒ C. Take cover under something heavy
 - D. Both B and C

50%

35. The movement of a mass of rock, debris, or earth down a slope due to gravity is termed as;
- A. Flash Flood
 - B. Landslide
 - C. Earthquake
 - D. Sinkhole

36 The Richter magnitude scale is logarithmic with commonly reported magnitudes varying from 1 to 10.

☒ A. 1-10

B. 1-9

C. 1-8

D. 1-7

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37 The term B3W stands for;

A. Build Back Best World

☒ B. Build Back Better World

☒ C. Build a Better World

D. Build the Best World

38 The line joining the places having equal value of salinity is known as;

A. Isotherms

B. Isobar

C. Isohyte

☒ D. Isohaline

hahme
(Iso)

39 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

B. B.1.351

C. P.1

D. B.1.617.2

40 Which of the following is not a measure of dispersion?

- A. Interquartile range (IQR)
- B. Median absolute deviation (MAD)
- C. Nested Mean
- D. Standard deviation.

41 Tropical cyclones are known as Hurricane in;

- ☒ A. North Atlantic and eastern Pacific oceans
- B. Western Pacific Ocean
- C. Arctic Ocean
- D. None of the Above

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42 In an age-sex pyramid the population size and age groups are shown respectively along

- A. X-axis and Y-axis
- ☒ B. Y-axis and X-axis
- 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 planet's ability to produce food to feed it is;

- ☒ A. Demographic Transition Model
- B. Biotic Potential
- C. Logistic Population
- D. Age-Sex Structure

44 The process in which inorganic nutrients 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

46 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 is 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

48. 'Karewas' refer to the lake deposits, found in the flat-topped terraces of the Kashmir valley and suitable for the cultivation of;

- A. Apples
 B. Walnuts
 C. Saffron
 D. Almond

49. 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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50. 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?

- A. Cirque
 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. Gullies
 C. Attrition
 D. Potholes

53 Small depressions in the glacial landscape, often filled with water post glaciations are known as;

A. Fjords

☒ B. Kettles

C. Crevasses

D. Ice Shelves

54 Which of the following is not an Aeolian landform";

☒ A. Ventifact

B. Deflation Hollow

C. Arete

D. Yardangs

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55 Which of the following lakes is an example of lagoon?

☒ A. Chilka lake

B. lake Mansrovar

C. Dal lake

D. Playa Lake

56 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

57. Which of the following is not an element of visual image interpretation?

- A. Shadow
- B. Association
- C. Tone
- D. Photo

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

- A. 0-255
- B. 0-256
- C. 1-255
- D. 1-256

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

- A. Microwave region
- B. Infrared region
- ☒ C. X-rays
- D. Visible region

60. What are three phases of disaster management planning?

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

The type of flood that is likely to occur once in about 100 years is known as 1 in 100 years flood. Such areas as per the guidelines of Central water commission are recommended for the establishment/construction of;

- A. parks and playground
 B. Public utilities like hospitals,
 C. Public Libraries and residence
 D. None of the above

62 Yellow, Orange and Red colour codes relating to Cyclones indicate;

- A. cyclone watch, cyclone alert and cyclone warning
 B. cyclone alert, cyclone watch, and cyclone warning
 C. cyclone warning, cyclone watch, and cyclone alert
 D. cyclone watch, cyclone warning, and cyclone alert

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63 The term RADAR stands for;

- A. Radio Detection and Ranging
 B. Ranging Radio Detection
 C. Range Detection Radio
 D. Radio Range Detection

64 When a wave gets close to shore, water particles near the bottom move in orbits.

- A. Circular
 B. Elliptical
 C. Irregular
 D. Rectangular

_____ is the multi-stage model based on Western Europe's experience of changes in population growth as countries undergo industrialization;

- A. Zero Population Growth
- B. Logistic Population
- ☒ C. Demographic Transition Theory
- D. None of the above

66. 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?

- ☒ A. 49.29 Million ✓
- B. 65.42 Million
- ☒ C. 39.24 Million
- D. 59.44 Million

67. 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;

- A. Capacity
- ☒ B. Vulnerability
- ☒ C. Risk
- D. Hazard assessment

68. What is the full form of IPCC?

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- A. International Panel on Climate Conservation
- B. International Panel on Climate Change
- C. Intergovernmental Protocols on Climate Change
- ☒ D. Intergovernmental Panel on Climate Change

69 The term 'regur' refers to

~~A.~~ Deltaic alluvial soils

☒ C. 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;

☒ A. Sleet

B. Hail

C. Snow

D. All of the above

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

~~A.~~ Fluvial flood

☒ B. Pluvial flood

C. Coastal flood

D. All of the above

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72 Which of the following is cold current?

A. Kuroshio Current

B. Gulf Stream

☒ C. Labrador Current

~~D.~~ All of the above

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

A. Evaporation

~~B.~~ Precipitation

C. Condensation

☒ D. Humidity

74. What would happen if the equator had been at the place of tropic of cancer?

- A. High temperature and low rainfall
- B. Low temperature and high rainfall
- ☒ C. 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
- ☒ C. 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'
- B. It is 'meteorological data'
- C. It is 'oceanic data'
- D. It is 'contour data'

78 Determine the scale of the map if the distance on the map is given as 2cm which is equal to 1km on the ground.

A. 1: 50,000

B. 1: 5,000

C. 1: 100,000

D. 1: 500

79 The distance between the earth and the moon is minimum when the moon is in:

A. Aphelion

☒ B. Perigee

D. Apogee

☒ C. Perihelion

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80 Deficiency of precipitation from expected or normal levels over an extended period of time is known as;

A. Hydrological Drought

B. Agricultural Drought

☒ C. Meteorological Drought

D. None of the above

81 Periodic movement of the sea water is known as-

☒ A. Tides

B. Waves



Current

D. Tsunami

82 The Geological time scale is a record of the life forms and geological events in Earth's history. Which of the following is the correct sequence of the geologic time?

- A. Era, Period, Epoch
- B. Epoch, Era, Period,
- C. Period, Era, Epoch
- D. Epoch, Period, Era

83 Which of the following sequences lists correctly the arrival earthquake waves from first to last?

- A. Surface waves, P waves, S waves
- B. P waves, Surface waves, S waves
- C. S waves, P waves, Surface waves
- D. P waves, S waves, Surface waves

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84 Large bowl-shaped volcanic depression and rimmed by enfacing scarps is known as;

- A. Caldera Lake
- B. Playa Lake
- C. Oxbow lake
- D. None of the above

85 Which of the following is not a type of mass wasting?

- A. Slump
- B. Rockfall
- C. Slides
- D. Folding

86. The wind speed is measured in knot. One knot approximately equals to

- A. 1.852 km/h
B. 1.552 km/h
C. 1.452 km/h
D. 1.342 km/h

Subhi

87. Removal of unwanted things from the bottom of river, lake etc using special devices is known as;

- A. De-siltation
B. Salinization
C. Sedimentation
D. Dredging

Subhi
Subhi

88. An area of land that drains all the streams and rainfall into a particular body of water, such as a stream, river, pond, or lake is known as;

- A. Reservoir,
B. Wetland
C. Watershed
D. Bay

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89. Indian National Satellite (INSAT) is a _____ satellite of India;

- A. Remote Sensing satellite
B. Communication satellite
C. GPS satellite
D. None of the above

SSC
geography

90. Which of the following river flows from south to north?

- A. Kosi
B. Narmada
C. Gandak
D. Betwa

91. Which of the following is not type of "front"??

- A. Cold front
- B. Warm front
- ☒ C. Fore front
- D. Occluded front

92. The tyre pressure of your vehicle is measured in psi. The psi stands for;

- ☒ A. Pounds per square inch
- B. Pressure per square inch
- C. Points per square inch
- D. Pixel per square inch

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93. 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 ☒
- B. Risk management
- ☒ C. Resilience
- D. Vulnerability

94. The correct sequence of structure of the from low to high is;

- A. Troposphere, Thermosphere, Mesosphere and Stratosphere
- B. Troposphere, Mesosphere, Thermosphere, and Stratosphere
- C. Troposphere, Mesosphere, Stratosphere and Thermosphere
- ☒ D. Troposphere, Stratosphere, Mesosphere, and Thermosphere

95 On a False Colour Composite (FCC) the settlement appears in;

- A. Red Colour
- B. Green Colour
- C. Cyan colour
- D. Brown Colour

96 On Survey of India toposheet the settlement appears in;

- A. Red Colour
- B. Green Colour
- C. Cyan Colour
- D. Brown Colour

97 The Coastal Zone Management Act (CZMA) was passed in;

- A. 1973
- B. 1975
- C. 1976
- D. 1972

w/PA 1972
October

98 Which of the following is an Indian Remote Sensing satellite?

- A. LANDSAT
- B. CARTOSAT
- C. IKONOS
- D. QUICKBIRD

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99 Which of the following is an American GPS?

- A. BeiDou
- B. GALILEO
- C. GLONASS
- D. NAVSTAR

Q. The name YAAS, recent most tropical cyclone which hit the Bay of Bengal was given by;

A. Maldives

☒ B. Oman

C. Myanmar

D. India

↓
Taster

↓
gati, tej

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