

National Testing Agency

Question Paper Name :	Physical Geography II Climatology and Oceanography 29th Sep 2020 Shift 2
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Physical Geography II Climatology and Oceanography

Group Number :	1
Group Id :	899514147
Group Maximum Duration :	0
Group Minimum Duration :	120
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100
Is this Group for Examiner? :	No

Physical Geography II Climatology and Oceanography

Section Id :	899514201
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	100

Number of Questions to be attempted :	100
Section Marks :	100
Mark As Answered Required? :	Yes
Sub-Section Number :	1
Sub-Section Id :	899514242
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 89951412518 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Geography is considered as a

1. Description and interpretation of earth
2. Description of nature
3. Description of only atmosphere
4. None of the above

Options :

89951448841. 1
89951448842. 2
89951448843. 3
89951448844. 4

Question Number : 2 Question Id : 89951412519 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Which one of the following disciplines attempts temporal synthesis?

1. Sociology
2. Anthropology
3. Geography
4. History

Options :

89951448845. 1
89951448846. 2
89951448847. 3
89951448848. 4

Question Number : 3 Question Id : 89951412520 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The highest annual range of temperature i.e. 650C is recorded at

1. Paris
2. Bombay
3. Verkhoyansk
4. North Pole

Options :

89951448849. 1
89951448850. 2
89951448851. 3
89951448852. 4

Question Number : 4 Question Id : 89951412521 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The pressure system with higher pressure at the center is called

1. Anticyclone
2. Front
3. Cyclone
4. Depression

Options :

89951448853. 1
89951448854. 2
89951448855. 3
89951448856. 4

Question Number : 5 Question Id : 89951412522 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The atmospheric layer reflecting radio waves is called

1. Homosphere
2. Ionosphere
3. Stratosphere
4. Ozonosphere

Options :

89951448857. 1
89951448858. 2
89951448859. 3
89951448860. 4

Question Number : 6 Question Id : 89951412523 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Humidity is measured by

1. Hydrometer
2. Hygrometer
3. Thermometer
4. Altimeter

Options :

89951448861. 1
89951448862. 2
89951448863. 3
89951448864. 4

Question Number : 7 Question Id : 89951412524 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The largest anomalies of temperature occur in the

1. Southern hemisphere
2. Northern Hemisphere
3. Oceans
4. Land

Options :

- 89951448865. 1
- 89951448866. 2
- 89951448867. 3
- 89951448868. 4

Question Number : 8 Question Id : 89951412525 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

A wide spacing isotherm indicates

- 1. A rapid change in temperature
- 2. A rapid change in Pressure
- 3. A slow change in temperature
- 4. A slow change in pressure

Options :

- 89951448869. 1
- 89951448870. 2
- 89951448871. 3
- 89951448872. 4

Question Number : 9 Question Id : 89951412526 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The speed of a molecule is also called as _____.

- 1. Thermal energy
- 2. Solar energy
- 3. Kinetic energy
- 4. wind energy

Options :

- 89951448873. 1
- 89951448874. 2
- 89951448875. 3
- 89951448876. 4

Question Number : 10 Question Id : 89951412527 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Atmosphere is divided in to how many layers based on temperature?

1. Three
2. Five
3. Four
4. Six

Options :

89951448877. 1

89951448878. 2

89951448879. 3

89951448880. 4

Question Number : 11 Question Id : 89951412528 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The annual temperature range is greatest in the

1. Subtropics over the oceans
2. Continents of the equatorial regions
3. Northern Hemisphere
4. Central Siberia and Russia

Options :

89951448881. 1

89951448882. 2

89951448883. 3

89951448884. 4

Question Number : 12 Question Id : 89951412529 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The standard sea level pressure at 45° latitude at a temperature is called

1. 1013.25 mb
2. 998 mb
3. 1031 mb
4. 1034 mb

Options :

89951448885. 1
89951448886. 2
89951448887. 3
89951448888. 4

Question Number : 13 Question Id : 89951412530 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What is the full form of NASA?

1. The National Aeronautics and Space Administration
2. The National Astronauts and Space Administration
3. The Natural Aeronautics and Space Administration
4. The National Aeronautics and Space Academy

Options :

89951448889. 1
89951448890. 2
89951448891. 3
89951448892. 4

Question Number : 14 Question Id : 89951412531 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Air mass concept was developed by

1. Vilhelm Bjerknes
2. Abercomromby
3. Shaw and Lempfert
4. Picardy

Options :

89951448893. 1
89951448894. 2
89951448895. 3
89951448896. 4

Question Number : 15 Question Id : 89951412532 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Air mass with warmer temperature than the underlying surface is called

1. Stable air mass
2. Warm air mass
3. Cold air mass
4. None of the above

Options :

89951448897. 1
89951448898. 2
89951448899. 3
89951448900. 4

Question Number : 16 Question Id : 89951412533 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Stability of the air mass increases when

1. The air mass is cooled from below
2. An air mass is heated from below
3. The air mass acquires the temperature and moisture properties of the underlying surface
4. Air stagnates for a long period of time

Options :

89951448901. 1
89951448902. 2
89951448903. 3
89951448904. 4

Question Number : 17 Question Id : 89951412534 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Along all fronts in a mid-latitude cyclone, ____.

1. Cold air sinks
2. warm air rises
3. precipitation is unlikely
4. heavy rain occurs

Options :

89951448905. 1
89951448906. 2
89951448907. 3
89951448908. 4

Question Number : 18 Question Id : 89951412535 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Thunderstorms originate from

1. Altocumulus clouds
2. Stratus cloud
3. Cumulonimbus clouds
4. Nimbostratus cloud

Options :

89951448909. 1
89951448910. 2
89951448911. 3
89951448912. 4

Question Number : 19 Question Id : 89951412536 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

In a tropical cyclone the pattern of isobar is

1. Elliptical
2. Semi circular
3. Circular
4. Rectangle

Options :

- 89951448913. 1
- 89951448914. 2
- 89951448915. 3
- 89951448916. 4

Question Number : 20 Question Id : 89951412537 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Unstable air is best associated with

- 1. Convective lifting
- 2. Orographic lifting
- 3. A temperature inversion
- 4. Very low surface temperature

Options :

- 89951448917. 1
- 89951448918. 2
- 89951448919. 3
- 89951448920. 4

Question Number : 21 Question Id : 89951412538 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the following is not a form of precipitation?

- 1. Rain
- 2. Snow
- 3. Sleet
- 4. Dew

Options :

- 89951448921. 1
- 89951448922. 2
- 89951448923. 3
- 89951448924. 4

Question Number : 22 Question Id : 89951412539 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What are the tiny particles of salt and dust that floating in the air?

1. Hail
2. Snow
3. Drizzle
4. Aerosol

Options :

89951448925. 1
89951448926. 2
89951448927. 3
89951448928. 4

Question Number : 23 Question Id : 89951412540 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The height at which clouds are formed that point is called as _____.

1. Saturation point
2. Dew point
3. Condensation level
4. View point

Options :

89951448929. 1
89951448930. 2
89951448931. 3
89951448932. 4

Question Number : 24 Question Id : 89951412541 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What is the name for horizontal movement of air?

1. Adsorption
2. Advection
3. Absorption
4. Addiction

Options :

89951448933. 1
89951448934. 2
89951448935. 3
89951448936. 4

Question Number : 25 Question Id : 89951412542 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which one is the boundary between warm, moist air and cooler, drier air?

1. Front
2. Advection
3. Orography
4. Radiation

Options :

89951448937. 1
89951448938. 2
89951448939. 3
89951448940. 4

Question Number : 26 Question Id : 89951412543 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

In which process precipitation acts as a prominent step?

1. Water cycle
2. Hydrogen cycle
3. Carbon cycle
4. Nitrogen cycle

Options :

- 89951448941. 1
- 89951448942. 2
- 89951448943. 3
- 89951448944. 4

Question Number : 27 Question Id : 89951412544 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What is the size of hailstones?

- 1. 10 to 1000mm
- 2. 5 to 150mm
- 3. 10 to 100mm
- 4. 5 to 10mm

Options :

- 89951448945. 1
- 89951448946. 2
- 89951448947. 3
- 89951448948. 4

Question Number : 28 Question Id : 89951412545 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

GPM stands for_____.

- 1. Great Precipitation Measurement
- 2. Global Precipitation Measurement
- 3. General Pressure Measurement
- 4. Global Pressure Mean

Options :

- 89951448949. 1
- 89951448950. 2
- 89951448951. 3

89951448952. 4

Question Number : 29 Question Id : 89951412546 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which kind of precipitation is also called thermodynamic precipitation?

1. Convictional precipitation
2. Cyclonic precipitation
3. Orographic precipitation
4. Dynamic precipitation

Options :

89951448953. 1
89951448954. 2
89951448955. 3
89951448956. 4

Question Number : 30 Question Id : 89951412547 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What are the causes of low pressure in the equatorial region?

1. high temperature
2. air convergence
3. high humidity
4. Less Precipitation

Options :

89951448957. 1
89951448958. 2
89951448959. 3
89951448960. 4

Question Number : 31 Question Id : 89951412548 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The difference between maximum and minimum temperature of the day is called

1. Terrestrial radiation
2. Diurnal range of temperature
3. Annual range of temperature
4. Isolation

Options :

89951448961. 1
89951448962. 2
89951448963. 3
89951448964. 4

Question Number : 32 Question Id : 89951412549 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Consider the following statements about a particular layer of the atmosphere.

- I. It contains about three-fourth of the total mass of the atmosphere.
- II. There is fall in temperature with increasing height.
- III. Its height is more at equator than at the poles. All the weather phenomena occur

1. Ionosphere
2. Mesosphere
3. Stratosphere
4. Troposphere

Options :

89951448965. 1
89951448966. 2
89951448967. 3
89951448968. 4

Question Number : 33 Question Id : 89951412550 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The highest diurnal range of temperature is recorded in which of the following regions?

1. Equatorial region
2. Hot desert region
3. Monsoon region
4. Mediterranean region

Options :

89951448969. 1
89951448970. 2
89951448971. 3
89951448972. 4

**Question Number : 34 Question Id : 89951412551 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

What causes high pressure in the sub-tropical zone?

1. Low temperature
2. Divergence of air
3. Convergence of air
4. Descending of air

Options :

89951448973. 1
89951448974. 2
89951448975. 3
89951448976. 4

**Question Number : 35 Question Id : 89951412552 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

Trade winds blow between

1. Sub-tropical high and equatorial low
2. Equatorial low and sub-tropical high
3. Sub-tropical high and sub-polar low
4. Sub-polar low and sub-tropical high

Options :

89951448977. 1

89951448978. 2

89951448979. 3

89951448980. 4

Question Number : 36 Question Id : 89951412553 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of the following statements is not true regarding Westerly?

1. They blow from sub-tropical high-pressure belts to sub-polar low-pressure belts.
2. They cause heavy rainfall on the eastern margins of the continents.
3. They are deflected due to the earth's rotation.
4. They are best developed between 40o and 65o south latitudes.

Options :

89951448981. 1

89951448982. 2

89951448983. 3

89951448984. 4

Question Number : 37 Question Id : 89951412554 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Generally, the isobars in a given air mass are

1. Smooth
2. Close
3. Curved
4. Sharp bends

Options :

89951448985. 1
89951448986. 2
89951448987. 3
89951448988. 4

Question Number : 38 Question Id : 89951412555 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The largest number of temperate cyclones originate mostly over the

1. Indian Ocean
2. North Atlantic Ocean
3. North Pacific Ocean
4. Arctic Ocean

Options :

89951448989. 1
89951448990. 2
89951448991. 3
89951448992. 4

Question Number : 39 Question Id : 89951412556 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The slope of a cold front varies from

1. 1: 50 to 1:100
2. 1:100 to 1:200
3. 1:200 to 1:400
4. 1:400 to 1:600

Options :

89951448993. 1
89951448994. 2
89951448995. 3
89951448996. 4

Question Number : 40 Question Id : 89951412557 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Why might condensation occur below 100% relative humidity?

1. Droplet curvature effects
2. Hygroscopic nuclei present
3. Ice absent, even in cold clouds
4. Latent heat effects

Options :

89951448997. 1
89951448998. 2
89951448999. 3
89951449000. 4

Question Number : 41 Question Id : 89951412558 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The highest relative humidity during the day usually occurs

1. Around midnight
2. In the early afternoon
3. In the evening
4. At dawn

Options :

- 89951449001. 1
- 89951449002. 2
- 89951449003. 3
- 89951449004. 4

Question Number : 42 Question Id : 89951412559 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Clouds are visible accumulations of water droplets that float in the Earth's _____.

- 1. Biosphere
- 2. Hydrosphere
- 3. Lithosphere
- 4. Troposphere

Options :

- 89951449005. 1
- 89951449006. 2
- 89951449007. 3
- 89951449008. 4

Question Number : 43 Question Id : 89951412560 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Among the following which type does not come under liquid precipitation?

- 1. Rain
- 2. Snow
- 3. Drizzle
- 4. Freezing rain

Options :

- 89951449009. 1
- 89951449010. 2
- 89951449011. 3
- 89951449012. 4

Question Number : 44 Question Id : 89951412561 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

At which temperature diamond dust usually form?

1. +90° C
2. – 30° C
3. + 40° C
4. - 60° C

Options :

89951449013. 1
89951449014. 2
89951449015. 3
89951449016. 4

Question Number : 45 Question Id : 89951412562 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Fronts which cause drizzly rain and warm weather are

1. cold fronts
2. warm fronts
3. occluded fronts
4. stationary fronts

Options :

89951449017. 1
89951449018. 2
89951449019. 3
89951449020. 4

Question Number : 46 Question Id : 89951412563 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

An adiabatic process is one in which the

1. altitude of the air parcel remains constant
2. heat exchanged with the surroundings is zero
3. pressure on the air parcel remains constant
4. temperature remains constant

Options :

89951449021. 1

89951449022. 2

89951449023. 3

89951449024. 4

**Question Number : 47 Question Id : 89951412564 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

A continental polar air mass form in

1. The Pacific Ocean
2. Northern Canada
3. the Gulf of Mexico
4. the desert Southwest

Options :

89951449025. 1

89951449026. 2

89951449027. 3

89951449028. 4

**Question Number : 48 Question Id : 89951412565 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

What kind of weather would an anticyclone likely bring?

1. stormy
2. cool and wet
3. dry and clear
4. changeable

Options :

89951449029. 1

89951449030. 2

89951449031. 3

89951449032. 4

**Question Number : 49 Question Id : 89951412566 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

Seasons are caused by

1. The Sun's Cycle
2. The Greenhouse Effects
3. Sunspots
4. The Tilt of The Earth's Axis.

Options :

89951449033. 1

89951449034. 2

89951449035. 3

89951449036. 4

**Question Number : 50 Question Id : 89951412567 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

Wind will generally carry the most moisture when it comes from

1. Warm Grasslands
2. Warm Tropical Seas
3. Polar Icecaps
4. Mountainous Regions

Options :

89951449037. 1
89951449038. 2
89951449039. 3
89951449040. 4

Question Number : 51 Question Id : 89951412568 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The smallest ocean in the world is _____

1. The Arctic Ocean
2. The Pacific Ocean
3. The Indian Ocean
4. The Atlantic Ocean

Options :

89951449041. 1
89951449042. 2
89951449043. 3
89951449044. 4

Question Number : 52 Question Id : 89951412569 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Era of Deep-Sea Exploration refers to the period from _____

1. 1925 to 1956
2. 1873 to 1914
3. 1800 to 1850
4. 1957 to 1978

Options :

89951449045. 1
89951449046. 2
89951449047. 3
89951449048. 4

Question Number : 53 Question Id : 89951412570 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

The depths of the oceans are measured using acoustic _____

1. echo-sounders
2. Measurement tapes
3. Light waves
4. No instrument discovered so far

Options :

89951449049. 1
89951449050. 2
89951449051. 3
89951449052. 4

Question Number : 54 Question Id : 89951412571 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

The atmosphere within 100m of the sea surface is influenced by the turbulent drag of the wind on the sea and is called as the _____

1. Atmospheric boundary layer
2. Continental shelf
3. Oceanic trench
4. Carbon compensation zone

Options :

89951449053. 1
89951449054. 2
89951449055. 3
89951449056. 4

Question Number : 55 Question Id : 89951412572 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Planet earth is about _____ years old.

1. 6.6 billion
2. 5.6 billion
3. 4.6 billion
4. 3.6 billion

Options :

89951449057. 1
89951449058. 2
89951449059. 3
89951449060. 4

Question Number : 56 Question Id : 89951412573 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

_____ were first formed from the water molecules released from the interior and atmospheric precipitation.

1. Primitive oceans
2. Current ocean water
3. Coral reefs
4. First plants

Options :

89951449061. 1
89951449062. 2
89951449063. 3
89951449064. 4

Question Number : 57 Question Id : 89951412574 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

In Southern hemisphere the oceans are _____ in shape

1. Rectangular
2. Triangular
3. Square
4. Cuboid

Options :

89951449065. 1
89951449066. 2
89951449067. 3
89951449068. 4

Question Number : 58 Question Id : 89951412575 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which was the first oceanographic expedition to use fully the methods of Bathymetry?

1. The Meteor
2. The Seasat
3. The HMS Challenger
4. The Victory

Options :

89951449069. 1
89951449070. 2
89951449071. 3
89951449072. 4

Question Number : 59 Question Id : 89951412576 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which of these instruments help to efficiently and accurately map the ocean relief features?

1. Echo sounders
2. GPS
3. GIS
4. Chlorophyll sensor

Options :

89951449073. 1
89951449074. 2
89951449075. 3
89951449076. 4

Question Number : 60 Question Id : 89951412577 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

These are long narrow depressions in the ocean floor, reaching to a depth of about 7000 m to 11000m below sea level.

1. Trenches
2. Ridges
3. Plains
4. Hills

Options :

89951449077. 1
89951449078. 2
89951449079. 3
89951449080. 4

Question Number : 61 Question Id : 89951412578 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The new magma emerging out into the oceanic crust, during sea-floor spreading, are of the composition of

1. Granite
2. Basalt
3. Dunite
4. Limestone

Options :

89951449081. 1
89951449082. 2
89951449083. 3
89951449084. 4

Question Number : 62 Question Id : 89951412579 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

This ridge does not belong to the Pacific Ocean

1. Investigator Ridge
2. Hawaiian Ridge
3. Christmas Ridge
4. Carlsberg Ridge

Options :

89951449085. 1
89951449086. 2
89951449087. 3
89951449088. 4

Question Number : 63 Question Id : 89951412580 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

The theory of Plate Tectonics was introduced by

1. Chamberlin
2. James Hutton
3. Alfred Wegener
4. Davis

Options :

89951449089. 1
89951449090. 2
89951449091. 3
89951449092. 4

Question Number : 64 Question Id : 89951412581 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

The Mid oceanic ridges cover about.....of the earth's surface.

1. 23%
2. 33%
3. 50%
4. 75%

Options :

89951449093. 1
89951449094. 2
89951449095. 3
89951449096. 4

**Question Number : 65 Question Id : 89951412582 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

Continental margin encompasses

1. Continental shelf
2. Submarine volcanoes
3. Abyssal plains
4. Abyssal hills

Options :

89951449097. 1
89951449098. 2
89951449099. 3
89951449100. 4

**Question Number : 66 Question Id : 89951412583 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

Smaller erosional features on the continental slope are commonly called as

1. Abyssal plains
2. Guyots
3. Knolls
4. Gullies

Options :

89951449101. 1
89951449102. 2
89951449103. 3
89951449104. 4

Question Number : 67 Question Id : 89951412584 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

_____ are formed where these canyons empty out their sediments

1. Atolls
2. Deep-sea fans
3. Knolls
4. Trenches

Options :

89951449105. 1
89951449106. 2
89951449107. 3
89951449108. 4

Question Number : 68 Question Id : 89951412585 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

_____ trench is a submarine depression in the North Atlantic Ocean. It is parallel to the northern coast of the Caribbean island after which it is named.

1. Cayman Trench
2. Cuba Trench
3. Jamaica Trench
4. Puerto Rico Trench

Options :

89951449109. 1
89951449110. 2
89951449111. 3
89951449112. 4

Question Number : 69 Question Id : 89951412586 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Major earthquakes occur along the plunging boundary between subducting and overriding plates.
This boundary is called as _____.

1. Ridges
2. Benioff Zone
3. Coast line
4. Seismic zone

Options :

- 89951449113. 1
- 89951449114. 2
- 89951449115. 3
- 89951449116. 4

Question Number : 70 Question Id : 89951412587 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Deep-ocean trenches in the open ocean are often paralleled by _____

1. Volcanic island arcs
2. Continental slopes
3. Seamounts
4. Granitic rocks

Options :

- 89951449117. 1
- 89951449118. 2
- 89951449119. 3
- 89951449120. 4

Question Number : 71 Question Id : 89951412588 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Which of the following is not one of the three major topographic units of the ocean floor?

1. Coastal plain
2. Mid-ocean ridge
3. Ocean basin floor
4. Continental margin

Options :

89951449121. 1
89951449122. 2
89951449123. 3
89951449124. 4

Question Number : 72 Question Id : 89951412589 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The most prominent feature in the oceans, forming an almost continuous mountain range, is the

1. Seamount
2. abyssal plain
3. deep ocean trench
4. mid-ocean ridge

Options :

89951449125. 1
89951449126. 2
89951449127. 3
89951449128. 4

Question Number : 73 Question Id : 89951412590 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Organism that can withstand a wide range of salinities is called as _____

1. Euryhaline
2. Europhyte
3. Isohaline
4. Isotherm

Options :

89951449129. 1
89951449130. 2
89951449131. 3
89951449132. 4

**Question Number : 74 Question Id : 89951412591 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

What is the full form of ppt?

1. Parts per ten's
2. Parts per thousand
3. Parts per ton's
4. Pounds per thousand

Options :

89951449133. 1
89951449134. 2
89951449135. 3
89951449136. 4

**Question Number : 75 Question Id : 89951412592 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0**

What is the effect of evaporation on salinity?

1. Evaporation increases salinity
2. Evaporation decreases salinity
3. Salinity is not affected by evaporation
4. Evaporation neutralizes the salinity

Options :

89951449137. 1
89951449138. 2
89951449139. 3
89951449140. 4

Question Number : 76 Question Id : 89951412593 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The zone of rapidly changing density is called as ____

1. Thermocline
2. Halocline
3. Isohaline
4. Pycnocline

Options :

89951449141. 1

89951449142. 2

89951449143. 3

89951449144. 4

Question Number : 77 Question Id : 89951412594 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

In which area the Coriolis effect is zero?

1. Ocean surface
2. At equator
3. On mountains
4. At sea shore

Options :

89951449145. 1

89951449146. 2

89951449147. 3

89951449148. 4

Question Number : 78 Question Id : 89951412595 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

The circular flow of water around a center is called is _____

1. Coriolis effect
2. Eckman transport
3. Thermohaline circulation
4. Ocean gyres

Options :

- 89951449149. 1
- 89951449150. 2
- 89951449151. 3
- 89951449152. 4

Question Number : 79 Question Id : 89951412596 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Which character of the ocean is affected by Eckman transport?

- 1. Heat
- 2. Salinity
- 3. Direction of water current
- 4. Quantity

Options :

- 89951449153. 1
- 89951449154. 2
- 89951449155. 3
- 89951449156. 4

Question Number : 80 Question Id : 89951412597 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

How does the evaporation effects on ocean water?

- 1. Evaporation increases water temperature
- 2. Evaporation decreases salinity
- 3. Evaporation decreases water quantity
- 4. Evaporation increases salinity

Options :

- 89951449157. 1
- 89951449158. 2
- 89951449159. 3
- 89951449160. 4

Question Number : 81 Question Id : 89951412598 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Salinity is primarily controlled by _____, and consequently decreases from the equator towards the pole.

1. Altitude
2. Latitude
3. Length
4. Depth

Options :

89951449161. 1
89951449162. 2
89951449163. 3
89951449164. 4

Question Number : 82 Question Id : 89951412599 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

The major gases found in sea water in the order of their relative abundances are Nitrogen, Oxygen &

-
1. Carbon dioxide
 2. Hydrogen dioxide
 3. Sulphuric acid
 4. Nitrogen Sulphide

Options :

89951449165. 1
89951449166. 2
89951449167. 3
89951449168. 4

Question Number : 83 Question Id : 89951412600 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No
Correct Marks : 1 Wrong Marks : 0

Among 97.2% of the world's free water most of the remaining 2.8% is locked up in__

1. Caverns
2. Underground
3. Glaciers
4. Rivers

Options :

89951449169. 1
89951449170. 2
89951449171. 3
89951449172. 4

Question Number : 84 Question Id : 89951412601 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

_____ current flows northwards along the west coast of southern Africa.

1. Agulhas
2. Labrador
3. Humboldt
4. Benguela

Options :

89951449173. 1
89951449174. 2
89951449175. 3
89951449176. 4

Question Number : 85 Question Id : 89951412602 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

_____ is the basic unit of volume transport used in physical oceanography.

1. Knot
2. Seas
3. Swells
4. Sverdrup

Options :

89951449177. 1
89951449178. 2
89951449179. 3
89951449180. 4

Question Number : 86 Question Id : 89951412603 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

_____ are currents seen closer to the beaches.

1. Rip currents
2. Surface currents
3. Wind-driven currents
4. Tidal current

Options :

89951449181. 1
89951449182. 2
89951449183. 3
89951449184. 4

Question Number : 87 Question Id : 89951412604 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

_____ Mechanism brings the cold, nutrient-rich water from the depths up to the surface.

1. Upwelling
2. Downwelling
3. Ekman flow
4. Ekman transport

Options :

89951449185. 1
89951449186. 2
89951449187. 3
89951449188. 4

Question Number : 88 Question Id : 89951412605 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

_____ is known as the Global Conveyor Belt

1. Heat circulation
2. Thermo circulation
3. Thermoheat circulation
4. Thermohaline circulation

Options :

89951449189. 1

89951449190. 2

89951449191. 3

89951449192. 4

Question Number : 89 Question Id : 89951412606 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

A short reef resembling a fringing reef, but more sloped, extending out and downward from a point or peninsular shore is called as _____

1. Fringing reef
2. Barrier reef
3. Patch reef
4. Apron reef

Options :

89951449193. 1

89951449194. 2

89951449195. 3

89951449196. 4

Question Number : 90 Question Id : 89951412607 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 1 Wrong Marks : 0

Corals build their reefs only in warm and _____.

1. Shallow waters
2. Deep waters
3. Fresh Waters
4. Moving waters

Options :

- 89951449197. 1
- 89951449198. 2
- 89951449199. 3
- 89951449200. 4

Question Number : 91 Question Id : 89951412608 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The _____ is the part of the skeleton deposited by one polyp.

- 1. Corallite
- 2. polyp
- 3. bioherm
- 4. columella

Options :

- 89951449201. 1
- 89951449202. 2
- 89951449203. 3
- 89951449204. 4

Question Number : 92 Question Id : 89951412609 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

In which part is suitable for sea traffic in the Atlantic Ocean

- 1. Northern part
- 2. Southern part
- 3. Middle part
- 4. None of the above

Options :

- 89951449205. 1
- 89951449206. 2
- 89951449207. 3
- 89951449208. 4

Question Number : 93 Question Id : 89951412610 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

IDL stands for

1. International Day Line
2. International Date Line
3. Indian Date Line
4. Indian Day Line

Options :

89951449209. 1
89951449210. 2
89951449211. 3
89951449212. 4

Question Number : 94 Question Id : 89951412611 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The deepest point of the Indian Ocean is

1. Milwaukee Deep
2. Diamantina Deep
3. Mintano Deep
4. Challenger Deep

Options :

89951449213. 1
89951449214. 2
89951449215. 3
89951449216. 4

Question Number : 95 Question Id : 89951412612 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The longest river draining into the Arabian sea is

1. Netravathi
2. Indus River
3. Sharavathi
4. Narmada

Options :

- 89951449217. 1
- 89951449218. 2
- 89951449219. 3
- 89951449220. 4

Question Number : 96 Question Id : 89951412613 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The total area covered by Atlantic Ocean is

- 1. 251.35 million sq.km
- 2. 181.34 million sq.km
- 3. 106.57 million sq.km
- 4. 74.12 million sq.km

Options :

- 89951449221. 1
- 89951449222. 2
- 89951449223. 3
- 89951449224. 4

Question Number : 97 Question Id : 89951412614 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The deepest trench of the Atlantic is

- 1. Puerto Rico Trench
- 2. Japan Trench
- 3. Tonga Trench
- 4. Phillipine Trench

Options :

- 89951449225. 1
- 89951449226. 2
- 89951449227. 3
- 89951449228. 4

Question Number : 98 Question Id : 89951412615 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

The Mid Atlantic Ridge is a world-famous ridge. It starts from Iceland in the north and ends near the

1. Rouvet Island
2. Cayman Island
3. British Isles
4. Canary Island

Options :

89951449229. 1
89951449230. 2
89951449231. 3
89951449232. 4

Question Number : 99 Question Id : 89951412616 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

Who is the father of modern oceanography?

1. Humbolt
2. Dave Dwyer
3. Psalm Eight
4. Matthew Maury

Options :

89951449233. 1
89951449234. 2
89951449235. 3
89951449236. 4

Question Number : 100 Question Id : 89951412617 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0

What is the correct sequence of features on the sea floor starting from the coast to greater depths?

1. Continental shelf, continental slope, continental rise, abyssal plain
2. Abyssal plain, continental rise, continental slope, continental shelf
3. Continental slope, continental rise, abyssal plain, continental shelf
4. Continental rise, continental slope, continental shelf, abyssal plain

Options :

89951449237. 1

89951449238. 2

89951449239. 3

89951449240. 4