

National Testing Agency

Question Paper Name :	Challenges to Sustainable Development 29th August 2021 Shift 2
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Challenges to Sustainable Development

Group Number :	1
Group Id :	94091883
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

Challenges to Sustainable Development-1

Section Id :	940918121
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory

Number of Questions :	50
Number of Questions to be attempted :	50
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Sub-Section Number :	1
Sub-Section Id :	940918167
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 9409185558 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0

Which atmospheric layer contains the life supporting gases?

1. Troposphere
2. Exosphere
3. Thermosphere
4. Stratosphere

Options :

- 94091820845. 1
- 94091820846. 2
- 94091820847. 3
- 94091820848. 4

Question Number : 2 Question Id : 9409185559 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0

Mineral resources are

1. Renewable
2. Available in plenty
3. Non renewable
4. Equally distributed

Options :

94091820849. 1

94091820850. 2

94091820851. 3

94091820852. 4

Question Number : 3 Question Id : 9409185560 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Biogas is produced by

1. Crops
2. Animal dung
3. Wood
4. All of these

Options :

94091820853. 1

94091820854. 2

94091820855. 3

94091820856. 4

Question Number : 4 Question Id : 9409185561 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Which of the following is a biodegradable pollutant?

1. Plastic
2. Vegetable peelings
3. Detergent
4. All of these

Options :

94091820857. 1

94091820858. 2

94091820859. 3

94091820860. 4

Question Number : 5 Question Id : 9409185562 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Which of the following strategies should be preferred as far as the management of solid waste is concerned?

1. Recycle
2. Reuse
3. Reduce
4. None of the above

Options :

94091820861. 1

94091820862. 2

94091820863. 3

94091820864. 4

Question Number : 6 Question Id : 9409185563 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Main source of carbon monoxide in atmosphere is

1. Vehicular emission
2. Industries
3. Both
4. None

Options :

94091820865. 1

94091820866. 2

94091820867. 3

94091820868. 4

Question Number : 7 Question Id : 9409185564 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Which of the following is a water soluble vitamin?

1. Vitamin C
2. Vitamin D
3. Vitamin E
4. Vitamin K

Options :

94091820869. 1

94091820870. 2

94091820871. 3

94091820872. 4

Question Number : 8 Question Id : 9409185565 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The Richter scale measures

1. Magnitude of an Earthquake
2. Intensity of an Earthquake
3. Depth of an Earthquake
4. Acceleration of an Earthquake

Options :

94091820873. 1

94091820874. 2

94091820875. 3

94091820876. 4

Question Number : 9 Question Id : 9409185566 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The term "sustainable development" was introduced at

1. Brundtland Report, 1987
2. Montreal Protocol, 1987
3. Kyoto Protocol, 1997
4. Stockholm Conference, 1972

Options :

94091820877. 1

94091820878. 2

94091820879. 3

94091820880. 4

Question Number : 10 Question Id : 9409185567 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The Montreal Protocol (1987) deals with the depletion of:

1. Fish and wildlife stocks
2. The global commons
3. Greenhouse gas emissions
4. The ozone layer

Options :

94091820881. 1

94091820882. 2

94091820883. 3

94091820884. 4

Question Number : 11 Question Id : 9409185568 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Rain water harvesting has the following advantages

1. Avoids flooding of roads
2. Recharges ground water
3. Reduces run-off loss
4. All of these

Options :

94091820885. 1

94091820886. 2

94091820887. 3

94091820888. 4

Question Number : 12 Question Id : 9409185569 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Livestock release the following greenhouse gas

1. Methane
2. Carbon-di-oxide
3. Nitrous oxide
4. All of these

Options :

94091820889. 1

94091820890. 2

94091820891. 3

94091820892. 4

Question Number : 13 Question Id : 9409185570 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

One of the main reasons of the population growth in the 18th and 19th centuries was

1. Decrease in death rates
2. Loss of greenery
3. Loss of water bodies
4. Pollution

Options :

94091820893. 1

94091820894. 2

94091820895. 3

94091820896. 4

Question Number : 14 Question Id : 9409185571 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Which of the following statements about death rates is correct?

1. Most of the world is at the beginning of the transition in death rates.
2. Death rates are stable at the global scale.
3. Death rates vary greatly from one state or region to another.
4. Wars, droughts, epidemics, and disasters destabilize global death rate.

Options :

94091820897. 1

94091820898. 2

94091820899. 3

94091820900. 4

Question Number : 15 Question Id : 9409185572 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Population ageing is

1. The increase in the average age of the population.
2. The result of decreased death and birth rates.
3. The trend where more people live to reach old age while fewer children are born.
4. All of these

Options :

94091820901. 1

94091820902. 2

94091820903. 3

94091820904. 4

Question Number : 16 Question Id : 9409185573 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

A population may decrease when the

1. Birth rate increases
2. Death rate increases
3. Birth rate remains constant
4. Death rate remains constant.

Options :

94091820905. 1

94091820906. 2

94091820907. 3

94091820908. 4

Question Number : 17 Question Id : 9409185574 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Which chemical was responsible for Bhopal gas tragedy?

1. Methyl Iso Cyanate
2. Benzene Hexa Chloride
3. Tri Nitro Toluene
4. None of these

Options :

94091820909. 1

94091820910. 2

94091820911. 3

94091820912. 4

Question Number : 18 Question Id : 9409185575 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The soil with poorest water holding capacity is

1. Clay
2. Loam
3. Sandy
4. None of these

Options :

94091820913. 1

94091820914. 2

94091820915. 3

94091820916. 4

Question Number : 19 Question Id : 9409185576 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

What is meant by GM foods?

1. Growth modified foods
2. Genetically modified food
3. Growth marked foods
4. Good mobility food

Options :

94091820917. 1

94091820918. 2

94091820919. 3

94091820920. 4

Question Number : 20 Question Id : 9409185577 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Which one of the following causes soil pollution?

1. Aerosol
2. Ozone
3. Acid rain
4. PAN

Options :

94091820921. 1

94091820922. 2

94091820923. 3

94091820924. 4

Question Number : 21 Question Id : 9409185578 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

What is Pedology?

1. Study of water
2. Study of air
3. Study of soil
4. None of these

Options :

94091820925. 1

94091820926. 2

94091820927. 3

94091820928. 4

Question Number : 22 Question Id : 9409185579 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Largest preventable cause of cancer is

1. Tobacco smoking and chewing
2. Meat consumption
3. Egg consumption
4. Alcohol consumption

Options :

94091820929. 1

94091820930. 2

94091820931. 3

94091820932. 4

Question Number : 23 Question Id : 9409185580 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Which of the following is an example of nitrogen fixers in the soil?

1. Rhizobium
2. Nostac
3. Azotobacter
4. None of these

Options :

94091820933. 1

94091820934. 2

94091820935. 3

94091820936. 4

Question Number : 24 Question Id : 9409185581 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Which among the following processes result in the formation of soil?

1. Radiation
2. Weathering
3. Erosion
4. Pollution

Options :

94091820937. 1

94091820938. 2

94091820939. 3

94091820940. 4

Question Number : 25 Question Id : 9409185582 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Mulching helps in

1. Improving soil fertility
2. Retaining soil moisture
3. Making improvement in soil structure
4. Increasing crop production

Options :

94091820941. 1

94091820942. 2

94091820943. 3

94091820944. 4

Question Number : 26 Question Id : 9409185583 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

BOD stands for

1. Biological Oxygen Decrease
2. Biotic Oxygen Demand
3. Biological Oxygen Demand
4. None of these

Options :

94091820945. 1

94091820946. 2

94091820947. 3

94091820948. 4

Question Number : 27 Question Id : 9409185584 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Deficiency of which vitamin causes Beri-Beri?

1. Vitamin B12
2. Vitamin B2
3. Vitamin B6
4. Vitamin B1

Options :

94091820949. 1

94091820950. 2

94091820951. 3

94091820952. 4

Question Number : 28 Question Id : 9409185585 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

What is the most important factor in the spread of malaria?

1. Stagnant water
2. Chemical waste from industry and agriculture
3. None of these
4. Both the options mentioned

Options :

94091820953. 1

94091820954. 2

94091820955. 3

94091820956. 4

Question Number : 29 Question Id : 9409185586 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Why GDP is not appropriate to be used as a measure of national productivity?

1. It ignores resource depletion and pollution.
2. It ignores population growth.
3. It overvalues environmental costs.
4. It over estimates the value of natural resources

Options :

94091820957. 1

94091820958. 2

94091820959. 3

94091820960. 4

Question Number : 30 Question Id : 9409185587 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The probability of flooding decreases when the rate of which of the following process increases

1. Precipitation
2. Infiltration
3. Runoff
4. Snow melt

Options :

94091820961. 1

94091820962. 2

94091820963. 3

94091820964. 4

Question Number : 31 Question Id : 9409185588 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Prolonged exposure to high concentration of sulfur dioxide in the air causes

1. Allergies
2. High Mortality
3. Neurological problems
4. Chronic toxicity

Options :

94091820965. 1

94091820966. 2

94091820967. 3

94091820968. 4

Question Number : 32 Question Id : 9409185589 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

What is carrying capacity?

1. The maximum population in sustained developments
2. The maximum population that can be sustained by a given environment
3. The average number of organisms living in a given environment
4. Number of populations surviving in a given environment

Options :

94091820969. 1

94091820970. 2

94091820971. 3

94091820972. 4

Question Number : 33 Question Id : 9409185590 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Which one of the following is not a cause of wild fires?

1. Natural electric discharges
2. Wild animals causing forest fires.
3. Empty glass bottles left in forests and on meadows
4. Man firing bonfires in dry forests

Options :

94091820973. 1

94091820974. 2

94091820975. 3

94091820976. 4

Question Number : 34 Question Id : 9409185591 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

One can prevent flood by

1. Conducting research
2. Construction on Floodplains
3. Agriculture on Floodplains
4. Constructing dams on rivers

Options :

94091820977. 1

94091820978. 2

94091820979. 3

94091820980. 4

Question Number : 35 Question Id : 9409185592 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Which of the following does not cause landslides?

1. Erosion at the top of the slope
2. Tsunamis
3. Volcanic eruptions
4. Heavy rains

Options :

94091820981. 1

94091820982. 2

94091820983. 3

94091820984. 4

Question Number : 36 Question Id : 9409185593 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Infectious diseases are also known as

1. Non-communicable diseases
2. Communicable diseases
3. Non-transmissible diseases
4. Genetic diseases

Options :

94091820985. 1

94091820986. 2

94091820987. 3

94091820988. 4

Question Number : 37 Question Id : 9409185594 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

E. coli is a

1. Bacteria
2. Virus
3. Protozoa
4. Toxic chemical

Options :

94091820989. 1

94091820990. 2

94091820991. 3

94091820992. 4

Question Number : 38 Question Id : 9409185595 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Which of the following practices hinders the path of achieving sustainability?

1. Recycling aluminum cans
2. Using fuel-efficient vehicles
3. Deforestation of land for agriculture
4. Reducing human population size

Options :

94091820993. 1

94091820994. 2

94091820995. 3

94091820996. 4

Question Number : 39 Question Id : 9409185596 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Which of the following is the best example of sustainable consumption?

1. Flying to Bali for a weekend
2. Preparing home cooked meal from vegetables obtained from local market
3. Buying artificial decorative items for a party at home
4. Carpooling rather than riding the subway

Options :

94091820997. 1

94091820998. 2

94091820999. 3

94091821000. 4

Question Number : 40 Question Id : 9409185597 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

What does the phrase "Environmental sustainability" imply?

1. The actions of humans directly impact the well-being of the natural environment
2. Future generations will have the resources necessary for quality of life
3. The environment can function indefinitely without going into a decline from the stresses imposed by human society on natural systems
4. All of these are implied by environmental sustainability

Options :

94091821001. 1

94091821002. 2

94091821003. 3

94091821004. 4

Question Number : 41 Question Id : 9409185598 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The invasive species which is used for making furniture is

1. *Lantana camara*
2. *Prosopis juliflora*
3. Both of these
4. None of these

Options :

94091821005. 1

94091821006. 2

94091821007. 3

94091821008. 4

Question Number : 42 Question Id : 9409185599 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Examples of Category C agents is

1. Nipah Virus
2. *Vibrio cholera*
3. *Bacillus anthracis*
4. None of these

Options :

94091821009. 1

94091821010. 2

94091821011. 3

94091821012. 4

Question Number : 43 Question Id : 9409185600 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The Traditional Knowledge Digital Library was set up in the year

1. 2001
2. 2005
3. 1997
4. 2014

Options :

94091821013. 1

94091821014. 2

94091821015. 3

94091821016. 4

Question Number : 44 Question Id : 9409185601 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The Ring of Fire forms a ring like pattern of volcanoes in the

1. Indian Ocean
2. Caspian Sea
3. Pacific Ocean
4. Bay of Bengal

Options :

94091821017. 1

94091821018. 2

94091821019. 3

94091821020. 4

Question Number : 45 Question Id : 9409185602 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Which phase of the disaster management plan deals with risk reduction before a disaster occurs?

1. Post Disaster phase
2. Pre-Disaster phase
3. Disaster occurrence phase
4. All of these

Options :

94091821021. 1

94091821022. 2

94091821023. 3

94091821024. 4

Question Number : 46 Question Id : 9409185603 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

National Institute of Disaster Management is located at

1. New Delhi
2. Bhubaneswar
3. Lucknow
4. Ahmedabad

Options :

94091821025. 1

94091821026. 2

94091821027. 3

94091821028. 4

Question Number : 47 Question Id : 9409185604 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Terrace Farming is practiced to check soil erosion in

1. Hilly areas
2. Coastal areas
3. Plain areas
4. Desert areas

Options :

94091821029. 1

94091821030. 2

94091821031. 3

94091821032. 4

Question Number : 48 Question Id : 9409185605 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Overgrazing means

1. Allowing cattle to graze in fields
2. Feeding cattle with extra fodder
3. Leaving cattle without any caretaker to roam about freely
4. Excessive grazing causing damage to grasslands

Options :

94091821033. 1

94091821034. 2

94091821035. 3

94091821036. 4

Question Number : 49 Question Id : 9409185606 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Which of the following is water borne diseases?

1. Cholera
2. Influenza
3. Diabetes
4. Malaria

Options :

94091821037. 1

94091821038. 2

94091821039. 3

94091821040. 4

Question Number : 50 Question Id : 9409185607 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Which vitamin along with calcium is essential to build strong bones?

1. Vitamin C
2. Vitamin A
3. Vitamin K
4. Vitamin D

Options :

94091821041. 1

94091821042. 2

94091821043. 3

94091821044. 4