

National Testing Agency

Question Paper Name :	MSD 011 Sustainability Science 28th August 2021 Shift 1
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MSD 011 Sustainability Science

Group Number :	1
Group Id :	603489199
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Edit Attended Group? :	No
Break time :	0
Group Marks :	100
Is this Group for Examiner? :	No

MSD 011 Sustainability Science -1

Section Id :	603489293
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 :	603489531
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 60348914336 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0

Which century was evidence with an abundance of energy in Europe

1. 10th Century
2. 10th Century
3. 17th century
4. 18th century

Options :

- 60348953937. 1
- 60348953938. 2
- 60348953939. 3
- 60348953940. 4

Question Number : 2 Question Id : 60348914337 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0

Neolithic epoch is based on

1. the unmodified passive use of solar energy
2. the self-controlled active use of solar energy
3. both 1 and 2
4. None of these

Options :

60348953941. 1

60348953942. 2

60348953943. 3

60348953944. 4

Question Number : 3 Question Id : 60348914338 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

One of the key outputs of development is

1. Improved in Environmental quality
2. Social Inequity
3. Inclusive Economic development
4. None of these

Options :

60348953945. 1

60348953946. 2

60348953947. 3

60348953948. 4

Question Number : 4 Question Id : 60348914339 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

"Increase in population leads to development that will finally lead to a decline in the population" is the argument proposed by

1. Ester Boserup
2. Malthus
3. Laster Brown
4. Esther Brown

Options :

60348953949. 1

60348953950. 2

60348953951. 3

60348953952. 4

Question Number : 5 Question Id : 60348914340 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The concept of "Capital Stock" model of Sustainable Development talks about

1. "Culture" as the central pillar of Sustainable Development
2. Sustainable Development is the output of the interactions of Natural, social and economic capital
3. Sustainable Development is the output of the interactions of Natural, Social, Cultural and Economic capitals
4. "Economic Growth" is the key to Sustainable Development

Options :

60348953953. 1

60348953954. 2

60348953955. 3

60348953956. 4

Question Number : 6 Question Id : 60348914341 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Which one of the following is the theme of The World Summit on Sustainable Development?

1. Green Economy
2. Sustainable Development Technology
3. Framework on Climate Change
4. Biodiversity

Options :

60348953957. 1

60348953958. 2

60348953959. 3

60348953960. 4

Question Number : 7 Question Id : 60348914342 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The report, '**future we want**' is the output of

1. Rio + 10
2. Rio + 20
3. WCED
4. UNCED

Options :

60348953961. 1

60348953962. 2

60348953963. 3

60348953964. 4

Question Number : 8 Question Id : 60348914343 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Which of the following is one of the characteristics of the Economic Dimension?

1. Cultural Landscape
2. Forest as capital
3. Rate of consumption
4. Environmental Stability

Options :

60348953965. 1

60348953966. 2

60348953967. 3

60348953968. 4

Question Number : 9 Question Id : 60348914344 Question Type : MCQ Option Shuffling : No Is

Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Which of the following is related to Capitalistic Mode of Production?

1. Developing countries as suppliers of raw materials to developed countries
2. Materialistic and Consumeristic society
3. Globalisation of Economic System
4. All of these

Options :

60348953969. 1

60348953970. 2

60348953971. 3

60348953972. 4

Question Number : 10 Question Id : 60348914345 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Which one of the following is not external radiative forcing

1. Astronomical Effect
2. Tectonic processes
3. Volcanic Eruptions
4. Aerosol Concentrations

Options :

60348953973. 1

60348953974. 2

60348953975. 3

60348953976. 4

Question Number : 11 Question Id : 60348914346 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Agricultural activities produce a higher concentration of

1. CH₄
2. O₂
3. CO
4. NO₃

Options :

60348953977. 1

60348953978. 2

60348953979. 3

60348953980. 4

**Question Number : 12 Question Id : 60348914347 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

The projected rise in temperature by the end of 21st Century is about

1. 3-4⁰C
2. 4-5⁰C
3. 2-3⁰C
4. None of these

Options :

60348953981. 1

60348953982. 2

60348953983. 3

60348953984. 4

**Question Number : 13 Question Id : 60348914348 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Since the industrial revolution, the concentration of CH₄ is increased by

1. 40%
2. 150%
3. 20%
4. 100%

Options :

60348953985. 1

60348953986. 2

60348953987. 3

60348953988. 4

**Question Number : 14 Question Id : 60348914349 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

'Water vapour feedback' will be stronger in

1. Greenland
2. India
3. Antarctica
4. USA

Options :

60348953989. 1

60348953990. 2

60348953991. 3

60348953992. 4

**Question Number : 15 Question Id : 60348914350 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Which of the following is a negative feedback

1. Water vapour feedback
2. Cloud Feedback
3. Ice-albedo Feedback
4. All of these

Options :

60348953993. 1

60348953994. 2

60348953995. 3

60348953996. 4

**Question Number : 16 Question Id : 60348914351 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

India's NAPCC has

1. 5 national mission
2. 10 national Mission
3. 6 National Mission
4. 8 national mission

Options :

60348953997. 1

60348953998. 2

60348953999. 3

60348954000. 4

**Question Number : 17 Question Id : 60348914352 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Which of the following is one of the natural drivers of climate change in the industrial era

1. Volcanic eruptions
2. GHGs
3. Aerosol
4. All of these

Options :

60348954001. 1

60348954002. 2

60348954003. 3

60348954004. 4

**Question Number : 18 Question Id : 60348914353 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

The five-tier model of human needs proposed by Maslow are

1. Biological and Physiological need, safety, love, esteem and self-actualization
2. Biological and Physiological need, safety, love, esteem and self-actualization
3. Biological and Physiological need, safety, love and belonging, esteem and self-actualization
4. Biological and Physiological need, safety, cognitive, esteem and self-actualization

Options :

60348954005. 1

60348954006. 2

60348954007. 3

60348954008. 4

**Question Number : 19 Question Id : 60348914354 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

One of the examples of 'Engle co-efficient' is

1. Spent on food by a subsistence farmer
2. Spent on food by all the villagers
3. Spent on food in a luxury hotel
4. All of these

Options :

60348954009. 1

60348954010. 2

60348954011. 3

60348954012. 4

**Question Number : 20 Question Id : 60348914355 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

The three major indicators of the Global Hunger Index are

1. Child Mortality, Child Nutrition and Growth of Child
2. Undernourishment of Child, Child Mortality and Child Underweight
3. Undernourishment of Child, Child Stunting and Child Underweight
4. Child Wasting, Child Stunting and Child Mortality

Options :

60348954013. 1

60348954014. 2

60348954015. 3

60348954016. 4

**Question Number : 21 Question Id : 60348914356 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Fragmentation of knowledge happened in

1. The stage of development science
2. The stage of survival science
3. The stage of sustainability science
4. Collecting and analyzing large data sets

Options :

60348954017. 1

60348954018. 2

60348954019. 3

60348954020. 4

Question Number : 22 Question Id : 60348914357 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Due to globalization, developed countries faced

1. Permanent unemployment
2. Income inequality
3. Poverty and starvation
4. None of these

Options :

60348954021. 1

60348954022. 2

60348954023. 3

60348954024. 4

Question Number : 23 Question Id : 60348914358 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Example of Fallacy of composition is

1. Coexistence of food abundance and hunger
2. Division of labour
3. Threat to food safety
4. Loss of sense of satisfaction

Options :

60348954025. 1

60348954026. 2

60348954027. 3

60348954028. 4

**Question Number : 24 Question Id : 60348914359 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Sustainable Development Goals have

1. 8 Goals
2. 12 Goals
3. 17 Goals
4. 18 Goals

Options :

60348954029. 1

60348954030. 2

60348954031. 3

60348954032. 4

**Question Number : 25 Question Id : 60348914360 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Goal no. 1 of SDGs is on

1. End Hunger
2. End Poverty
3. Bring Equality
4. End Gender issue

Options :

60348954033. 1

60348954034. 2

60348954035. 3

60348954036. 4

**Question Number : 26 Question Id : 60348914361 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Lifelong learning is under SDG

1. SDG -3
2. SDG-4
3. SDG-5
4. None of these

Options :

60348954037. 1

60348954038. 2

60348954039. 3

60348954040. 4

**Question Number : 27 Question Id : 60348914362 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

The objective of Decent work is

1. One is getting work to support the family
2. Improve living standard
3. One is getting work that is productive and secured
4. All of these

Options :

60348954041. 1

60348954042. 2

60348954043. 3

60348954044. 4

**Question Number : 28 Question Id : 60348914363 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

The major objective of SDG-10 is

1. Reduced inequalities
2. Gender equality
3. Equal opportunity
4. All of these

Options :

60348954045. 1

60348954046. 2

60348954047. 3

60348954048. 4

**Question Number : 29 Question Id : 60348914364 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

The contribution of cities and metropolitan areas in global GDP is about

1. 70%
2. 60 %
3. 75%
4. 55%

Options :

60348954049. 1

60348954050. 2

60348954051. 3

60348954052. 4

Question Number : 30 Question Id : 60348914365 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

India's Aspirational District Programme has

1. 112 Backward districts
2. 112 districts with a low literacy rate
3. 112 highly remote districts
4. 112 low population density districts

Options :

60348954053. 1

60348954054. 2

60348954055. 3

60348954056. 4

Question Number : 31 Question Id : 60348914366 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

To enhance transparency, predictability and ease of understanding of the government's development agenda and linkages with the SDGs, India followed

1. Input driven evaluation of schemes
2. Output driven evaluation of schemes
3. Output-outcome monitoring of schemes
4. All of these

Options :

60348954057. 1

60348954058. 2

60348954059. 3

60348954060. 4

Question Number : 32 Question Id : 60348914367 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) guaranteed 100 days of wage employment in a year

1. To Unemployed youths in a household
2. Women and vulnerable groups
3. Per household in rural areas
4. All of these

Options :

60348954061. 1

60348954062. 2

60348954063. 3

60348954064. 4

Question Number : 33 Question Id : 60348914368 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Agricultural credit to farmers is available under

1. Pradhan Mantri Krishi Sinchayee Yojana (PMKSY)
2. Pradhan Mantri Fasal Bima Yojana (PMFBY)
3. Pradhan Mantri Kisan Yojana
4. Pradhan Mantri Kisan Samapda Yojana

Options :

60348954065. 1

60348954066. 2

60348954067. 3

60348954068. 4

**Question Number : 34 Question Id : 60348914369 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

The National Mission for Sustainable Agriculture focusses on

1. Integrated Farming
2. Soil Health Management
3. Resource conservation
4. All of these

Options :

60348954069. 1

60348954070. 2

60348954071. 3

60348954072. 4

**Question Number : 35 Question Id : 60348914370 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Jal Shakti Abhiyan was launched under

1. National Rural Drinking Water Mission
2. Jal Jeevan Mission
3. Swachh Bharat Mission
4. Namami Ganges

Options :

60348954073. 1

60348954074. 2

60348954075. 3

60348954076. 4

Question Number : 36 Question Id : 60348914371 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Human Development Index (HDI) is not

1. Developed by UNEP
2. Used for National level
3. Composite Index
4. None of these

Options :

60348954077. 1

60348954078. 2

60348954079. 3

60348954080. 4

Question Number : 37 Question Id : 60348914372 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Living Planet Index is

1. Composite indicator
2. Indicator of the state of the world's vertebrate species
3. Developed by the World Resource Institute
4. All of these

Options :

60348954081. 1

60348954082. 2

60348954083. 3

60348954084. 4

**Question Number : 38 Question Id : 60348914373 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Globally, extreme poverty is defined as people living on

1. Less than \$1.75 a day
2. Less than \$1.25 a day
3. Less than \$1.85 a day
4. Less than \$1.95 a day

Options :

60348954085. 1

60348954086. 2

60348954087. 3

60348954088. 4

**Question Number : 39 Question Id : 60348914374 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Alcohol per capita consumption is one of the indicators to

1. SDG goal 1: End Poverty
2. SDG goal 2: End Hunger
3. SDG Goal 3: Ensure Healthy Lives
4. SDG Goal 12: Sustainable Consumption and Production patterns

Options :

60348954089. 1

60348954090. 2

60348954091. 3

60348954092. 4

**Question Number : 40 Question Id : 60348914375 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Based on origin, Natural Resources can be categorized as

1. Renewable and Non-renewable resources
2. Biotic and Abiotic resources
3. Potential and Actual resources
4. None of these

Options :

60348954093. 1

60348954094. 2

60348954095. 3

60348954096. 4

**Question Number : 41 Question Id : 60348914376 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Landscape

1. is an open system
2. is a closed system
3. has boundary
4. changes cannot take place

Options :

60348954097. 1

60348954098. 2

60348954099. 3

60348954100. 4

Question Number : 42 Question Id : 60348914377 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Landscape Ecology gives space from

1. Single-scale to multi-scale management
2. Static to adaptive management
3. isolated to integrated management
4. All of these

Options :

60348954101. 1

60348954102. 2

60348954103. 3

60348954104. 4

Question Number : 43 Question Id : 60348914378 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

Micro-watershed has an area of about

1. 10-100 KM²
2. 10-50 KM²
3. 1-10 KM²
4. <1KM²

Options :

60348954105. 1

60348954106. 2

60348954107. 3

60348954108. 4

**Question Number : 44 Question Id : 60348914379 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

"If it can be done, it should be done" is the philosophy of

1. Preservation Ethics
2. Development Ethics
3. Conservation Ethics
4. Environmental Education

Options :

60348954109. 1

60348954110. 2

60348954111. 3

60348954112. 4

**Question Number : 45 Question Id : 60348914380 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

In Hinduism, the Peepal tree is attributed to

1. Brahma
2. Vishnu
3. Laxmi
4. Rudra

Options :

60348954113. 1

60348954114. 2

60348954115. 3

60348954116. 4

**Question Number : 46 Question Id : 60348914381 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Which of the following state is related to Bishnoi movement

1. Uttarakhand
2. Rajasthan
3. Haryana
4. Punjab

Options :

60348954117. 1

60348954118. 2

60348954119. 3

60348954120. 4

**Question Number : 47 Question Id : 60348914382 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Dominance of machines is

1. The first stage of evolution of technology
2. Automation stage of evolution of technology
3. The second stage of evolution of technology
4. Development of tool stage of evolution of technology

Options :

60348954121. 1

60348954122. 2

60348954123. 3

60348954124. 4

Question Number : 48 Question Id : 60348914383 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

The crisis of resources due to human exploitation is of

1. Open resource cycle
2. Closed resource cycle
3. Circular resource cycle
4. Dynamic resource cycle

Options :

60348954125. 1

60348954126. 2

60348954127. 3

60348954128. 4

Question Number : 49 Question Id : 60348914384 Question Type : MCQ Option Shuffling : No

Is Question Mandatory : No

Correct Marks : 2 Wrong Marks : 0

One of the examples of centralized technology is

1. Rainwater harvesting in colleges
2. Sewage treatment plant
3. Pumping of groundwater for agricultural activity
4. All of these

Options :

60348954129. 1

60348954130. 2

60348954131. 3

60348954132. 4

**Question Number : 50 Question Id : 60348914385 Question Type : MCQ Option Shuffling : No
Is Question Mandatory : No**

Correct Marks : 2 Wrong Marks : 0

Feminization of poverty is the phenomenon of

1. Young women bear the burden of poverty in rural areas
2. Young women bear the burden of poverty in urban areas
3. Women bear the responsibilities of their family
4. All of these

Options :

60348954133. 1

60348954134. 2

60348954135. 3

60348954136. 4