

# National Testing Agency

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## **Environmental Impact Assessment for Environmental Health**

<b>Group Number :</b>	1
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## **Environmental Impact Assessment for Environmental Health -**

<b>Section Id :</b>	603489245
<b>Section Number :</b>	1
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<b>Number of Questions :</b>	50
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<b>Enable Mark as Answered Mark for Review and Clear Response :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	603489474
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 1 Question Id : 60348912829 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

SEA can be used because

1. EIA fails to fulfil its objectives
2. To strengthen EIA process
3. No systematic procedure in EIA
4. Environmental audit

**Options :**

60348948679. 1

60348948680. 2

60348948681. 3

60348948682. 4

**Question Number : 2 Question Id : 60348912830 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 2 Wrong Marks : 0**

The "Silent Spring" book was published by

1. Rachel Carson
2. Edward Abbey
3. Vandana Shiva
4. Naomi Klein

**Options :**

60348948683. 1

60348948684. 2

60348948685. 3

60348948686. 4

**Question Number : 3 Question Id : 60348912831 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

The purpose of EIA is

1. To become a management tool for sustainable development
2. EIA should be conducted as per the legislation as 'initial 'or 'comprehensive
3. Occupational safety
4. Mass deforestation and desertification

**Options :**

60348948687. 1

60348948688. 2

60348948689. 3

60348948690. 4

**Question Number : 4 Question Id : 60348912832 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Which one of the following models is used for most reasonable for mechanical source air quality evaluation?

1. USEPA
2. ISCST-2
3. ISCST-3
4. ISCST-1

**Options :**

60348948691. 1

60348948692. 2

60348948693. 3

60348948694. 4

**Question Number : 5 Question Id : 60348912833 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

----- is a process of systematic analysis of the assessment environmental effects of development policies, plans, programmes and other proposed strategic actions.

1. SEA
2. EIA
3. Screening
4. Social Impact Analysis

**Options :**

60348948695. 1

60348948696. 2

60348948697. 3

60348948698. 4

**Question Number : 6 Question Id : 60348912834 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Environmental Impact Statements provides

1. A record of the statistics, data and approximate calculation obtained from the various steps involved in Environmental Impact Assessment (EIA) procedure
2. The deterioration of the ozone layer
3. Extinction of endangered species
4. Mass deforestation and desertification

**Options :**

60348948699. 1

60348948700. 2

60348948701. 3

60348948702. 4

**Question Number : 7 Question Id : 60348912835 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

The Earth Summit held at Rio-de-Janerio Brazil was on

1. United Nations Conference Environment and Development
2. United Nations Conference on the Human Environment
3. The control of Transboundary Movements of Hazardous waste
4. All of these

**Options :**

60348948703. 1

60348948704. 2

60348948705. 3

60348948706. 4

**Question Number : 8 Question Id : 60348912836 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

One of the following anthropogenic activities is the source of greenhouse gas emission

1. Meteorological factors
2. Cultivation of rice and paddy
3. Volcanoes
4. Tsunami

**Options :**

60348948707. 1

60348948708. 2

60348948709. 3

60348948710. 4

**Question Number : 9 Question Id : 60348912837 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Which of the following statement is true about hydroelectric power plant?

1. Hydroelectric power plant has high running cost
2. Due to non-uniform flow of water frequency control in such plants is very difficult
3. Hydroelectric power plants are multipurpose
4. Water is used as fuel in hydroelectric power plant

**Options :**

60348948711. 1

60348948712. 2

60348948713. 3

60348948714. 4

**Question Number : 10 Question Id : 60348912838 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

According to ISO 14040 & 14044 the definition of LCA is

1. The compiling and evaluation of the inputs and outputs and the potential environmental impacts of a product system during a product's lifetime
2. It is an integrated path to diminishing environmental concerns throughout the period of existence of a product, system or service
3. The whole life cycle of the product
4. Life Cycle Assessment

**Options :**

60348948715. 1

60348948716. 2

60348948717. 3

60348948718. 4

**Question Number : 11 Question Id : 60348912839 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Triple Bottom line approach is

1. A management strategy that focusses on corporate social responsibility
2. An accounting tool that assesses the impact on people, planet and profits
3. A management strategy that states that focus is only on profits
4. All of these

**Options :**

60348948719. 1

60348948720. 2

60348948721. 3

60348948722. 4

**Question Number : 12 Question Id : 60348912840 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Which step of the LCIA can be carried out to compare the data to the correct magnitude of adverse effects in a given system

1. Classification
2. Characterization
3. Normalization
4. Valuation

**Options :**

60348948723. 1

60348948724. 2

60348948725. 3

60348948726. 4

**Question Number : 13 Question Id : 60348912841 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Which one of the following statements is not correct?

1. Stratospheric ozone damage life on earth from sunlight
2. High ozone levels and other oxidants including peroxy-acetyl nitrate (PAN) clearly caused threat to human and ecosystem health
3. Ozone is a greenhouse gas
4.  $\text{NO}_2$  and  $\text{SO}_2$  are major contributor for acid rain

**Options :**

60348948727. 1

60348948728. 2

60348948729. 3

60348948730. 4

**Question Number : 14 Question Id : 60348912842 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**



Which one of the following methods is used for Monitoring and Assessment of Particulate Matter (PM)?

1. Differential Mobility Spectrometer
2. NMR Spectrometer
3. UV Spectrometer
4. IR Spectrometer

**Options :**

60348948731. 1

60348948732. 2

60348948733. 3

60348948734. 4

**Question Number : 15 Question Id : 60348912843 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Which one of the following is the simplest EIA methodology?

1. Questionnaire method
2. Overlay method
3. Network method
4. Checklist method

**Options :**

60348948735. 1

60348948736. 2

60348948737. 3

60348948738. 4

**Question Number : 16 Question Id : 60348912844 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

GIS deals with the following data.

1. Numeric data
2. Binary data
3. Spatial data
4. Complex data

**Options :**

60348948739. 1

60348948740. 2

60348948741. 3

60348948742. 4

**Question Number : 17 Question Id : 60348912845 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

In which one of the following method environmental parameters are given without background information.

1. Check list method
2. Descriptive check list
3. Simple check list
4. Binary data list

**Options :**

60348948743. 1

60348948744. 2

60348948745. 3

60348948746. 4

**Question Number : 18 Question Id : 60348912846 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

A decision tree is

1. A Flow Chart
2. a structure in which internal node represents test on an attribute, each branch represents outcome of test and each leaf node represents class label
3. Flow-Chart & Structure in which internal node represents test on an attribute, each branch represents outcome of test and each leaf node represents class label
4. Developing standard rating systems for comparing disparate layers

**Options :**

60348948747. 1

60348948748. 2

60348948749. 3

60348948750. 4

**Question Number : 19 Question Id : 60348912847 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Which one of the following is not a visual quality objective?

1. Preservation
2. Partial Retention
3. Modification
4. Planning

**Options :**

60348948751. 1

60348948752. 2

60348948753. 3

60348948754. 4

**Question Number : 20 Question Id : 60348912848 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

EIA can enhance substantial viewing, movement, query, and even map-making capabilities by using the following tools.

1. GIS & GPS
2. only GIS
3. only GPS
4. SDSS

**Options :**

60348948755. 1

60348948756. 2

60348948757. 3

60348948758. 4

**Question Number : 21 Question Id : 60348912849 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

----- is a GIS analyses tool system for monitoring - used to control the aquatic environment close to the construction site of a major bridge and tunnel project.

1. ERDAS IMAGINE
2. SDSS
3. EAGLE
4. ESRI

**Options :**

60348948759. 1

60348948760. 2

60348948761. 3

60348948762. 4

**Question Number : 22 Question Id : 60348912850 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Which is not a human factor of industrial location?

1. Infrastructure
2. Capital
3. Labor
4. Market

**Options :**

60348948763. 1

60348948764. 2

60348948765. 3

60348948766. 4

**Question Number : 23 Question Id : 60348912851 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Baseline study involves

1. Collection of relevant data
2. Prediction of impact
3. Analysis of data
4. Modification

**Options :**

60348948767. 1

60348948768. 2

60348948769. 3

60348948770. 4

**Question Number : 24 Question Id : 60348912852 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

The one of the following is 'The effective use of energy to maximize profits and enhance competitive positions.

1. Energy conservation
2. Energy management
3. Energy policy
4. Energy Audit

**Options :**

60348948771. 1

60348948772. 2

60348948773. 3

60348948774. 4

**Question Number : 25 Question Id : 60348912853 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

In hydroelectricity power

1. Kinetic energy is transferred to potential energy
2. Potential energy is transferred to kinetic energy
3. Solar energy is transferred to wind energy
4. Wind energy is transferred to solar energy

**Options :**

60348948775. 1

60348948776. 2

60348948777. 3

60348948778. 4

**Question Number : 26 Question Id : 60348912854 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Energy in the form of heat and light is produced by

1. Biomass
2. Biofuels
3. Sun
4. Wind

**Options :**

60348948779. 1

60348948780. 2

60348948781. 3

60348948782. 4

**Question Number : 27 Question Id : 60348912855 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

The percentage of energy saved at the current rate of use, compared to the reference year rate of use, is called

1. Energy Utilization
2. Energy Performance
3. Energy Efficiency
4. Sustainability of Energy

**Options :**

60348948783. 1

60348948784. 2

60348948785. 3

60348948786. 4

**Question Number : 28 Question Id : 60348912856 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Pertinent Institutional Information provides

1. Environmental laws, regulations related to the chemical, physical, cultural, biological, and socioeconomic environment
2. Infrastructure of particular project
3. Occupational safety
4. A management strategy that focusses on corporate social responsibility

**Options :**

60348948787. 1

60348948788. 2

60348948789. 3

60348948790. 4

**Question Number : 29 Question Id : 60348912857 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

The unit for measuring sound

1. Decibel
2. SI
3. Frequency
4. Km<sup>3</sup>

**Options :**

60348948791. 1

60348948792. 2

60348948793. 3

60348948794. 4

**Question Number : 30 Question Id : 60348912858 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**



## Ensemble Empirical Mode Decomposition of transportation noise estimation

1. Decomposes signals based on local characteristics of signals
2. Combustion excitation signal and piston slap signal
3. Superimposing white Gaussian noises on input signal
4. Preferred Speech Interference Level

### Options :

60348948795. 1

60348948796. 2

60348948797. 3

60348948798. 4

**Question Number : 31 Question Id : 60348912859 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Which one of the following is not in the five themes of EPA - 14 environmental factors?

1. Water
2. Air
3. People
4. Health

### Options :

60348948799. 1

60348948800. 2

60348948801. 3

60348948802. 4

**Question Number : 32 Question Id : 60348912860 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Brake creep-groan is one of the brake noise prediction methods

1. Characterized by frequency components of about 10 Hz.
2. Characterized by frequency components of approximately 100 Hz
3. Characterized by the 100 Hz frequency components.
4. Characterized by the 1000 Hz frequency components.

**Options :**

60348948803. 1

60348948804. 2

60348948805. 3

60348948806. 4

**Question Number : 33 Question Id : 60348912861 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

A sustainable livelihood is

1. The ability to cope and recover from unexpected events.
2. Increase the poverty levels
3. Decrease coping mechanisms
4. Ignoring community resilience

**Options :**

60348948807. 1

60348948808. 2

60348948809. 3

60348948810. 4

**Question Number : 34 Question Id : 60348912862 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Which one of the principles of Sustainable livelihood assessment aim to empower stakeholders to play an active role in intervention and service provision?

1. Principle of Accountability and Responsiveness
2. Principle of Participation
3. Principle of Building on strengths
4. Principle of Poor as focus

**Options :**

60348948811. 1

60348948812. 2

60348948813. 3

60348948814. 4

**Question Number : 35 Question Id : 60348912863 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Which one of the following generic steps of EIA decides whether or not a full EIA is to be carried out?

1. Scoping
2. Audit
3. Mitigation
4. Screening

**Options :**

60348948815. 1

60348948816. 2

60348948817. 3

60348948818. 4

**Question Number : 36 Question Id : 60348912864 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Which of the following is correct about the Air Quality Index?

1. It predicts ozone levels in your area.
2. It indicates the color of the air.
3. It determines the intensity of sound and sound pollution.
4. It estimates air pollution mainly sulphur content in the air.

**Options :**

60348948819. 1

60348948820. 2

60348948821. 3

60348948822. 4

**Question Number : 37 Question Id : 60348912865 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Which of the following is a secondary air pollutant?

1. PANs
2. Ozone
3. Carbon monoxide
4. Nitrogen Dioxide

**Options :**

60348948823. 1

60348948824. 2

60348948825. 3

60348948826. 4

**Question Number : 38 Question Id : 60348912866 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

The photo-chemical oxidant is

1. Nitrogen oxide
2. Hydrogen peroxide
3. Ozone
4. Peroxy acetyl nitrate

**Options :**

60348948827. 1

60348948828. 2

60348948829. 3

60348948830. 4

**Question Number : 39 Question Id : 60348912867 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Which one of the following is the sensor-based water quality modeling is?

1. WSN network
2. DRAINMOD
3. TOMCAT
4. QUAL2K

**Options :**

60348948831. 1

60348948832. 2

60348948833. 3

60348948834. 4

**Question Number : 40 Question Id : 60348912868 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

The baseline data describes in EIA is

1. The environmental consequences by mapping
2. Existing environmental status of the identified study area
3. Assessment of risk on the basis of proposal
4. Demographic and socio-economic data

**Options :**

60348948835. 1

60348948836. 2

60348948837. 3

60348948838. 4

**Question Number : 41 Question Id : 60348912869 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Air Quality Modeling is a method used to manage

1. Urban air
2. Rural air
3. Urban water quality
4. Rural water quality

**Options :**

60348948839. 1

60348948840. 2

60348948841. 3

60348948842. 4

**Question Number : 42 Question Id : 60348912870 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

USEPA Model is used for

1. Managing diverse climatic and landscape conditions
2. Managing water quality
3. Managing climate change
4. None of the above

**Options :**

60348948843. 1

60348948844. 2

60348948845. 3

60348948846. 4

**Question Number : 43 Question Id : 60348912871 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

ISCST-2, USEPA, ISCST-3 are

1. Computer languages
2. mathematical models for the dispersion of pollutants of air
3. mathematical models for the dispersion of pollutants of water
4. mathematical models for the dispersion of pollutants of soil

**Options :**

60348948847. 1

60348948848. 2

60348948849. 3

60348948850. 4

**Question Number : 44 Question Id : 60348912872 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

An overall ranking regarding modeling performance for SO<sub>2</sub> is

1. CALPUFF > AERMOD > ISCST-3
2. ISCST-3 > CALPUFF > AERMOD
3. AERMOD > ISCST-2 > CALPUFF
4. AERMOD > ISCST-3 > CALPUFF

**Options :**

60348948851. 1

60348948852. 2

60348948853. 3

60348948854. 4

**Question Number : 45 Question Id : 60348912873 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

The significance of the "screening" step of EIA is

1. For the quality assessment of the project design
2. To facilitate informed decision making by providing clear, well-structured, factual analysis of the effects and consequences of proposed actions
3. For the determination of the requirement of EIA.
4. Supportive document to the government

**Options :**

60348948855. 1

60348948856. 2

60348948857. 3

60348948858. 4

**Question Number : 46 Question Id : 60348912874 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**



EIA is required for a development of project only when

1. Low impacts are expected in the environment
2. A small area is expected to be affected by the project
3. Many people & environments are likely to be affected by the project adversely and have potentials for transboundary impact
4. Not expected any cumulative impacts

**Options :**

60348948859. 1

60348948860. 2

60348948861. 3

60348948862. 4

**Question Number : 47 Question Id : 60348912875 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

An Environmental Impact Statement (EIS), under United States Environmental Law, is a document required by

1. IUCN
2. NEPA
3. Kyoto Protocol
4. MoEFCC

**Options :**

60348948863. 1

60348948864. 2

60348948865. 3

60348948866. 4

**Question Number : 48 Question Id : 60348912876 Question Type : MCQ Option Shuffling : No**

**Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

The principles of public participation are

1. Access to information, access to participation and access to justice
2. Planning & development
3. It is a part of EIA
4. Effective, efficient & ensure

**Options :**

60348948867. 1

60348948868. 2

60348948869. 3

60348948870. 4

**Question Number : 49 Question Id : 60348912877 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

Which one of the following represents the result of the collection of all the relevant data concerning the status of the environment likely to be affected by the developments?

1. Screening
2. Scoping
3. Baseline study
4. 4. Mitigation

**Options :**

60348948871. 1

60348948872. 2

60348948873. 3

60348948874. 4

**Question Number : 50 Question Id : 60348912878 Question Type : MCQ Option Shuffling : No  
Is Question Mandatory : No**

**Correct Marks : 2 Wrong Marks : 0**

EIA is defined as:

1. A process of identifying, predicting, and evaluating the likely impacts of a proposed project or development on the environment
2. A written document given by government representatives on the planned development impacts of environment, socio-economic issues and culture
3. Life-cycle assessment for a given project
4. International Association for Impact Assessment

**Options :**

60348948875. 1

60348948876. 2

60348948877. 3

60348948878. 4