

# National Testing Agency

**Question Paper Name:** Urban Disaster Risk Mitigation and Climate Resilient Development 10th November 2019 Shift 2  
**Subject Name:** Urban Disaster Risk Mitigation and Climate Resilient Development  
**Creation Date:** 2019-11-10 18:06:56  
**Duration:** 180  
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**Display Marks:** Yes

## Urban Disaster Risk Mitigation and Climate Resilient Development

**Group Number :** 1  
**Group Id :** 709597236  
**Group Maximum Duration :** 0  
**Group Minimum Duration :** 120  
**Revisit allowed for view? :** No  
**Revisit allowed for edit? :** No  
**Break time:** 0  
**Group Marks:** 100

## Urban Disaster Risk Mitigation and Climate Resilient Development-1

**Section Id :** 709597289  
**Section Number :** 1  
**Section type :** Online  
**Mandatory or Optional:** Mandatory  
**Number of Questions:** 20  
**Number of Questions to be attempted:** 20  
**Section Marks:** 20  
**Display Number Panel:** Yes  
**Group All Questions:** No

**Sub-Section Number:** 1  
**Sub-Section Id:** 709597384  
**Question Shuffling Allowed :** No

**Question Number : 1 Question Id : 70959721929 Question Type : MCQ Option Shuffling : No Display Question Number : Yes**  
**Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Which of the following is a chronic pressure on the city?

- a) Traffic
- b) Increasing pollution
- c) Waste disposal
- d) All of the above

**Question Number : 2 Question Id : 70959721930 Question Type : MCQ Option Shuffling : No Display Question Number : Yes**  
**Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

The sea levels are \_\_\_\_\_ due to global warming

- a) Rising
- b) Sinking
- c) Constant
- d) All the above

**Question Number : 3 Question Id : 70959721931 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

A shift in the climatic condition is observed globally including:

- a) More hot weather
- b) Less cold weather
- c) Increase in average temperature
- d) All of the above

**Question Number : 4 Question Id : 70959721932 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Nitrous Oxide emissions are maximum in which sector?

- a) Transportation
- b) Power
- c) Waste disposal
- d) Agricultural byproducts

**Question Number : 5 Question Id : 70959721933 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Climate related risks lead to

- a) Temperature changes
- b) Haphazard urban development
- c) Climate related disasters
- d) Resilient development

**Question Number : 6 Question Id : 70959721934 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

While studying the vulnerability what needs to be addressed?

- a) What are vulnerable
- b) Who is vulnerable
- c) Extent of vulnerability
- d) All the above

**Question Number : 7 Question Id : 70959721935 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Urban development impacts the following:

- a) Vulnerability
- b) Hazards
- c) Capacity
- d) All the above

**Question Number : 8 Question Id : 70959721936 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

The maximum increase is observed in which type of events

- a) Climatological events
- b) Hydrological events
- c) Meteorological events
- d) None of the above

**Question Number : 9 Question Id : 70959721937 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Disasters cause the following

- a) Displacement
- b) Homelessness
- c) Health impacts
- d) All the above

**Question Number : 10 Question Id : 70959721938 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

In India, during 1999 to 2018, which was the major cause of death?

- a) Fire
- b) Accidents
- c) Conflicts
- d) Stampedes

**Question Number : 11 Question Id : 70959721939 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Climate change impacts

- a) Medical and physical health
- b) Mental Health
- c) Community health
- d) All the above

**Question Number : 12 Question Id : 70959721940 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Sea level Rise has which of the following impacts?

- a) Salt water intrusion in the coastal areas
- b) Impact on agriculture
- c) Floods
- d) All the above

**Question Number : 13 Question Id : 70959721941 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Albedo is measured on a scale of:

- 1) 0 to 100
- 2) 10 to 50
- 3) 0 to 1
- 4) 1 to 5

**Question Number : 14 Question Id : 70959721942 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

What are the types of heat sinks in urban areas are

- a) Urban green belts
- b) Urban Forests
- c) Roadside plantations
- d) All the above

**Question Number : 15 Question Id : 70959721943 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

What is the full form of UNHCR?

- a) United Nations High Commission for Refugees
- b) United Nations Hazard Capacity and Risk
- c) United Nations Housing for Cities at risk
- d) None of the above

**Question Number : 16 Question Id : 70959721944 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

In which Conference did 195 nations agree to combat climate change?

- a) COP 20 (Lima)
- b) COP 18 (Durban)
- c) COP 21 (Paris)
- d) COP 15 (Copenhagen)

**Question Number : 17 Question Id : 70959721945 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

The National Action Plan on Climate Change launched in 2008 has how many missions?

- a) 5
- b) 8
- c) 4
- d) 9

**Question Number : 18 Question Id : 70959721946 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical**

**Correct Marks : 1 Wrong Marks : 0**

Increasing the capacity of people, society and building individual resilience is \_\_\_\_\_

- a) Physical resilience
- b) Environmental resilience
- c) Social resilience
- d) Economic resilience

Question Number : 19 Question Id : 70959721947 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

The baseline information for the mainstreaming of the DRR and CCA involves;

- a) Hazard Dataset
- b) Vulnerability Dataset
- c) Exposure Dataset
- d) All of the above

Question Number : 20 Question Id : 70959721948 Question Type : MCQ Option Shuffling : No Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Correct Marks : 1 Wrong Marks : 0

Which aspect of built form affects Urban Heat Islands?

- a) Building materials
- b) Building layouts
- c) Building heights
- d) All of the above

#### Urban Disaster Risk Mitigation and Climate Resilient Development-2

Section Id :	709597290
Section Number :	2
Section type :	Offline
Mandatory or Optional:	Mandatory
Number of Questions:	10
Number of Questions to be attempted:	10
Section Marks:	30
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	709597385
Question Shuffling Allowed :	No

Question Number : 21 Question Id : 70959721949 Question Type : SUBJECTIVE Display Question Number : Yes  
Correct Marks : 3

Explain the risk matrix approach of risk assessment.

Question Number : 22 Question Id : 70959721950 Question Type : SUBJECTIVE Display Question Number : Yes  
Correct Marks : 3

What are various causes of Urban Heat Island Formulation in cities?

Question Number : 23 Question Id : 70959721951 Question Type : SUBJECTIVE Display Question Number : Yes  
Correct Marks : 3

Discuss the Governance aspect in disaster governance and management framework.

Question Number : 24 Question Id : 70959721952 Question Type : SUBJECTIVE Display Question Number : Yes  
Correct Marks : 3

What is risk governance? Explain its role in resilient development.

Question Number : 25 Question Id : 70959721953 Question Type : SUBJECTIVE Display Question Number : Yes Correct Marks : 3

Explain 5 ways through which climate change can be mitigated.

Question Number : 26 Question Id : 70959721954 Question Type : SUBJECTIVE Display Question Number : Yes Correct Marks : 3

Why is it necessary to have resilient critical infrastructure?

Question Number : 27 Question Id : 70959721955 Question Type : SUBJECTIVE Display Question Number : Yes Correct Marks : 3

Write a short note on Hyogo Framework

Question Number : 28 Question Id : 70959721956 Question Type : SUBJECTIVE Display Question Number : Yes Correct Marks : 3

Explain the disaster Management cycle in detail

Question Number : 29 Question Id : 70959721957 Question Type : SUBJECTIVE Display Question Number : Yes Correct Marks : 3

What are the various human activities that cause climate change?

Question Number : 30 Question Id : 70959721958 Question Type : SUBJECTIVE Display Question Number : Yes Correct Marks : 3

Describe in detail the Goal 13 of the Sustainable Development Goals

### Urban Disaster Risk Mitigation and Climate Resilient Development-3

Section Id :	709597291
Section Number :	3
Section type :	Offline
Mandatory or Optional:	Mandatory
Number of Questions:	7
Number of Questions to be attempted:	5
Section Marks:	50
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	709597386
Question Shuffling Allowed :	No

Question Number : 31 Question Id : 70959721959 Question Type : SUBJECTIVE Display Question Number : Yes Correct Marks : 10

Discuss with examples the impacts of climate change

Question Number : 32 Question Id : 70959721960 Question Type : SUBJECTIVE Display Question Number : Yes Correct Marks : 10

What is disaster rehabilitation? Explain with example

**Question Number : 33 Question Id : 70959721961 Question Type : SUBJECTIVE Display Question Number : Yes Correct Marks : 10**

What is the role of spatial planning in adaptation to climate change?

**Question Number : 34 Question Id : 70959721962 Question Type : SUBJECTIVE Display Question Number : Yes Correct Marks : 10**

Explain climate change induced health impacts on societies

**Question Number : 35 Question Id : 70959721963 Question Type : SUBJECTIVE Display Question Number : Yes Correct Marks : 10**

How can social resilience be achieved?

**Question Number : 36 Question Id : 70959721964 Question Type : SUBJECTIVE Display Question Number : Yes Correct Marks : 10**

How has urban development triggered the risks in the cities?

**Question Number : 37 Question Id : 70959721965 Question Type : SUBJECTIVE Display Question Number : Yes Correct Marks : 10**

What are the necessary assessments that should be done in order to mainstream the disaster risk reduction in the spatial planning process?