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# National Testing Agency

<b>Question Paper Name :</b>	Urban Disaster Risk Mitigation and Climate Resilient Development 26th March 2021 Shift 1
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## Urban Disaster Risk Mitigation and Climate Resilient Development

<b>Group Number :</b>	1
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## Urban Disaster Risk Mitigation and Climate Resilient Development-1

<b>Section Id :</b>	864351655
<b>Section Number :</b>	1
<b>Section type :</b>	Online

<b>Mandatory or Optional :</b>	Mandatory
<b>Number of Questions :</b>	100
<b>Number of Questions to be attempted :</b>	100
<b>Section Marks :</b>	100
<b>Mark As Answered Required? :</b>	Yes
<b>Sub-Section Number :</b>	1
<b>Sub-Section Id :</b>	864351868
<b>Question Shuffling Allowed :</b>	Yes

**Question Number : 1 Question Id : 86435115985 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which of the following is true about any disaster?

1. It is a sudden event
2. It is an event that disrupts the functioning of a settlement
3. It has an impact on the society in terms of loss
4. All of the above

**Options :**

- 86435154327. 1
- 86435154328. 2
- 86435154329. 3
- 86435154330. 4

**Question Number : 2 Question Id : 86435115986 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which of the following is not a natural hazard?

1. Geophysical hazards
2. Climatological hazards
3. Nuclear hazards
4. Biological hazards

**Options :**

86435154331. 1  
86435154332. 2  
86435154333. 3  
86435154334. 4

**Question Number : 3 Question Id : 86435115987 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

What is the relation between disaster risk, hazard, vulnerability, and coping capacity?

1. Disaster risk = Hazard \* Vulnerability/ Coping Capacity
2. Disaster risk = Hazard \* capacity \* vulnerability
3. Disaster risk = Vulnerability \* capacity / Hazard
4. None of the above

**Options :**

86435154335. 1  
86435154336. 2  
86435154337. 3  
86435154338. 4

**Question Number : 4 Question Id : 86435115988 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

What are the various human activities which act as causal factors for disasters?

1. Built form
2. Services
3. Activities
4. All of the above

**Options :**

- 86435154339. 1
- 86435154340. 2
- 86435154341. 3
- 86435154342. 4

**Question Number : 5 Question Id : 86435115989 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Micro climate change causes severe weather conditions by causing \_\_\_\_\_

1. Longer droughts
2. Higher temperatures
3. Intense rainfall
4. All of the above

**Options :**

- 86435154343. 1
- 86435154344. 2
- 86435154345. 3
- 86435154346. 4

**Question Number : 6 Question Id : 86435115990 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which region is the most affected by natural disasters in terms of impact on the economy in the year 2017?

1. Africa
2. Asia
3. America
4. Europe

**Options :**

86435154347. 1  
86435154348. 2  
86435154349. 3  
86435154350. 4

**Question Number : 7 Question Id : 86435115991 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

What are the various types of impacts that any type of disaster may have?

1. Socio-economic
2. Physical
3. Environmental
4. All of the above

**Options :**

86435154351. 1  
86435154352. 2  
86435154353. 3  
86435154354. 4

**Question Number : 8 Question Id : 86435115992 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which of the following is adversely affected by temperature rise?

1. Agricultural productivity
2. Ecosystems
3. Resources
4. All of the above

**Options :**

- 86435154355. 1
- 86435154356. 2
- 86435154357. 3
- 86435154358. 4

**Question Number : 9 Question Id : 86435115993 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which aspect of built form affects Urban Heat Islands?

1. Building materials
2. Building layouts
3. Building heights
4. All of the above

**Options :**

- 86435154359. 1
- 86435154360. 2
- 86435154361. 3
- 86435154362. 4

**Question Number : 10 Question Id : 86435115994 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Hyogo Framework for Action has been put forth for which span?

1. 2006-2017
2. 2005-2015
3. 2009-2019
4. 2002-2012

**Options :**

- 86435154363. 1
- 86435154364. 2
- 86435154365. 3
- 86435154366. 4

**Question Number : 11 Question Id : 86435115995 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which organization is responsible for national-level actions as per the mandates of the National Disaster Management Act 2005, India?

1. State Disaster Management Authority (SDMA)
2. District Disaster Management Authority (DDMA)
3. State Executive Committee (SEC)
4. National Disaster Management Authority (NDMA)

**Options :**

- 86435154367. 1
- 86435154368. 2
- 86435154369. 3
- 86435154370. 4

**Question Number : 12 Question Id : 86435115996 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which of the Sustainable Development Goal, is directly related to climate change?

1. Goal number 11
2. Goal number 13
3. Goal number 10
4. Goal number 2

**Options :**

86435154371. 1  
86435154372. 2  
86435154373. 3  
86435154374. 4

**Question Number : 13 Question Id : 86435115997 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which landmark policy/guideline came in 2008 related to climate change action in India?

1. National Action Plan on Climate Change (NAPCC)
2. Unnat Jyoti by Affordable LEDs and Appliances for All (UJALA)
3. Perform, achieve and trade (PAT) scheme started
4. National Initiative on Climate Resilient Agriculture (NICRA)

**Options :**

86435154375. 1  
86435154376. 2  
86435154377. 3  
86435154378. 4

**Question Number : 14 Question Id : 86435115998 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**



Development planning process should include strategies pertaining to

1. Disaster Risk Reduction
2. Climate adaptation
3. All of the above
4. None of the above

**Options :**

- 86435154379. 1
- 86435154380. 2
- 86435154381. 3
- 86435154382. 4

**Question Number : 15 Question Id : 86435115999 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The first step to integrate disaster risk reduction in the development planning process is

1. Vulnerability assessment
2. Impact assessment
3. Visioning of the city
4. Risk assessment

**Options :**

- 86435154383. 1
- 86435154384. 2
- 86435154385. 3
- 86435154386. 4

**Question Number : 16 Question Id : 86435116000 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The database required for the disaster risk reduction strategies includes

1. Historical disaster event data
2. Vulnerable areas location
3. Existing hazards in the city
4. All of the above

**Options :**

- 86435154387. 1
- 86435154388. 2
- 86435154389. 3
- 86435154390. 4

**Question Number : 17 Question Id : 86435116001 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

While assessing the vulnerability of a city the following is/are studied

1. Informal settlements
2. Informal economic sector
3. High density areas
4. All of the above

**Options :**

- 86435154391. 1
- 86435154392. 2
- 86435154393. 3
- 86435154394. 4

**Question Number : 18 Question Id : 86435116002 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Climate adaptation and disaster risk reduction for a city can be achieved by having

1. Resilience
2. Inclusivity
3. Safety
4. Smartness

**Options :**

- 86435154395. 1
- 86435154396. 2
- 86435154397. 3
- 86435154398. 4

**Question Number : 19 Question Id : 86435116003 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which of the following is true about any hazard?

1. A hazard leads to disasters, if left unattended
2. All hazards are natural
3. Hazards are same throughout a city
4. All of the above

**Options :**

- 86435154399. 1
- 86435154400. 2
- 86435154401. 3
- 86435154402. 4

**Question Number : 20 Question Id : 86435116004 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which of the following is a natural hazard?

1. Geophysical hazards
2. Climatological hazards
3. Biological hazards
4. All of the above

**Options :**

86435154403. 1

86435154404. 2

86435154405. 3

86435154406. 4

**Question Number : 21 Question Id : 86435116005 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Climate change has led to

1. Longer droughts
2. Higher temperatures
3. Intense rainfall
4. All of the above

**Options :**

86435154407. 1

86435154408. 2

86435154409. 3

86435154410. 4

**Question Number : 22 Question Id : 86435116006 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which gas had leaked in the Bhopal Gas tragedy in 1984?

1. Compressed Natural Gas
2. Methyl isocyanate
3. Liquid Petroleum gas
4. None of the above

**Options :**

- 86435154411. 1
- 86435154412. 2
- 86435154413. 3
- 86435154414. 4

**Question Number : 23 Question Id : 86435116007 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Global sea level has risen by about 8 inches since reliable record-keeping began in 1880. It is projected to rise by how many feet by 2100.

1. 1 to 4
2. 3 to 6
3. 2 to 5
4. 1 to 3

**Options :**

- 86435154415. 1
- 86435154416. 2
- 86435154417. 3
- 86435154418. 4

**Question Number : 24 Question Id : 86435116008 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which one of the following is a hotspot for the migration of people from disaster-affected or degraded areas to other national and international regions?

1. Central Europe
2. North America
3. South Asia
4. Africa

**Options :**

86435154419. 1  
86435154420. 2  
86435154421. 3  
86435154422. 4

**Sub-Section Number :**

2

**Sub-Section Id :**

864351869

**Question Shuffling Allowed :**

Yes

**Question Number : 25 Question Id : 86435116009 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Child stunting is a result of climate change.

1. True
2. False

**Options :**

86435154423. 1  
86435154424. 2

**Question Number : 26 Question Id : 86435116010 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

UNISDR was created in December 2005 with General Assembly (GA) as a successor arrangement of the Secretariat of the International Decade for Natural Disaster Reduction (IDNDR) with the purpose of ensuring the implementation of the International Strategy for Disaster Reduction (ISDR) adopted by the General Assembly with the same resolution.

1. True
2. False

**Options :**

86435154425. 1  
86435154426. 2

**Sub-Section Number :** 3  
**Sub-Section Id :** 864351870  
**Question Shuffling Allowed :** Yes

**Question Number : 27 Question Id : 86435116011 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

UNDAC was created in 1993 to help the United Nations and governments of disaster-affected countries during which phase of a sudden-onset emergency?

1. First phase
2. Second phase
3. Third phase
4. Fourth phase

**Options :**

86435154427. 1  
86435154428. 2  
86435154429. 3  
86435154430. 4

**Question Number : 28 Question Id : 86435116012 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

What are the main strategies used by many communities for taking action to reduce urban heat islands?

1. Increasing tree and vegetative cover
2. Installing green roofs, mainly reflective roofs
3. Using cool pavements (either reflective or permeable)
4. All of the above

**Options :**

86435154431. 1

86435154432. 2

86435154433. 3

86435154434. 4

**Question Number : 29 Question Id : 86435116013 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

What is the agenda of Goal 11 under the Sustainable Development Goal 2030?

1. Ensure healthy lives and promote wellbeing for all at all ages
2. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all
3. Make cities and human settlements inclusive, safe, resilient, and sustainable
4. End hunger, achieve food security and improved nutrition and promote sustainable agriculture

**Options :**

86435154435. 1

86435154436. 2

86435154437. 3

86435154438. 4



**Question Number : 30 Question Id : 86435116014 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The goal of the Second World Conference on Disaster Reduction and the Hyogo Framework for Action 2005-2015 was

1. Reduce the toll of disasters through preparedness
2. Reduce human casualties
3. Develop early warning system
4. All of the above

**Options :**

- 86435154439. 1
- 86435154440. 2
- 86435154441. 3
- 86435154442. 4

**Question Number : 31 Question Id : 86435116015 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The work of the International Federation of Red Cross and Red Crescent Societies (IFRC) includes

1. Disaster preparedness
2. Action during disasters
3. Healthcare and assistance to people at the community level
4. All of the above

**Options :**

- 86435154443. 1
- 86435154444. 2
- 86435154445. 3
- 86435154446. 4

**Question Number : 32 Question Id : 86435116016 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

As per the recommendations from the National Disaster Management Authority, the States were required to set up which one of the following in the State, on similar lines of National Disaster Response Force set up by the Central Government?

1. National Disaster Response Fund
2. State Disaster Response Force
3. State Disaster Response Fund
4. None of the above

**Options :**

- 86435154447. 1
- 86435154448. 2
- 86435154449. 3
- 86435154450. 4

**Question Number : 33 Question Id : 86435116017 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Global warming is also referred to as

1. Climate change
2. Ecological change
3. Atmosphere change
4. None of the above

**Options :**

- 86435154451. 1
- 86435154452. 2
- 86435154453. 3
- 86435154454. 4

**Question Number : 34 Question Id : 86435116018 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The phenomenon of cities spreading out over the surrounding areas and beyond the city boundary is called

1. Urban spread
2. Urban growth
3. Urban overflow
4. Urban sprawl

**Options :**

- 86435154455. 1
- 86435154456. 2
- 86435154457. 3
- 86435154458. 4

**Question Number : 35 Question Id : 86435116019 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which of the following statements about urban areas is NOT true?

1. There is traffic congestion
2. Public utilities are not readily available
3. There are higher crime rates
4. Slums often develop in or near urban areas

**Options :**

- 86435154459. 1
- 86435154460. 2
- 86435154461. 3
- 86435154462. 4

**Question Number : 36 Question Id : 86435116020 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

What are the positive economic implications of urbanization?

1. Unemployment among youth
2. Better wages
3. Low wage employment in informal sector
4. None of the above

**Options :**

- 86435154463. 1
- 86435154464. 2
- 86435154465. 3
- 86435154466. 4

**Question Number : 37 Question Id : 86435116021 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which one in the following is the negative physical impact of urbanization?

1. Planned urban open spaces and built environment
2. Better services and infrastructure
3. Overcrowding & congestion costs
4. Advanced traffic networks and connectivity

**Options :**

- 86435154467. 1
- 86435154468. 2
- 86435154469. 3
- 86435154470. 4

**Question Number : 38 Question Id : 86435116022 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which of the following is NOT true about urban sprawl?

1. It occurs as populations grow exponentially
2. It expands the city limits
3. It provides more opportunities for additional farming
4. It increases the amount of paved surfaces in an area

**Options :**

86435154471. 1

86435154472. 2

86435154473. 3

86435154474. 4

**Question Number : 39 Question Id : 86435116023 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

How many megacities are there in the world today

1. 28
2. 35
3. 37
4. 50

**Options :**

86435154475. 1

86435154476. 2

86435154477. 3

86435154478. 4

**Question Number : 40 Question Id : 86435116024 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Which of the following is a pull factor in urbanisation?

1. Better service provision
2. Lack of employment opportunities
3. Unemployment
4. High crime rate

**Options :**

86435154479. 1

86435154480. 2

86435154481. 3

86435154482. 4

**Question Number : 41 Question Id : 86435116025 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Push factors driving people out of rural areas include

1. Lack of employment opportunities
2. Fragmentation of land
3. Lack of services
4. All of the above

**Options :**

86435154483. 1

86435154484. 2

86435154485. 3

86435154486. 4

**Question Number : 42 Question Id : 86435116026 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Which of the following cities has the highest peak hour density?

1. New York
2. London
3. Shanghai
4. Mumbai

**Options :**

- 86435154487. 1
- 86435154488. 2
- 86435154489. 3
- 86435154490. 4

**Question Number : 43 Question Id : 86435116027 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

When did the global urban population cross the rural population?

1. 2010
2. 2007
3. 2015
4. 2018

**Options :**

- 86435154491. 1
- 86435154492. 2
- 86435154493. 3
- 86435154494. 4

**Question Number : 44 Question Id : 86435116028 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which of the following is a primate city?

1. Bangkok
2. New York
3. Paris
4. All of the above

**Options :**

- 86435154495. 1
- 86435154496. 2
- 86435154497. 3
- 86435154498. 4

**Question Number : 45 Question Id : 86435116029 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which of the following is a long term measure?

1. Response
2. Relief
3. Rehabilitation
4. Risk assessment

**Options :**

- 86435154499. 1
- 86435154500. 2
- 86435154501. 3
- 86435154502. 4

**Question Number : 46 Question Id : 86435116030 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**



What are the principles of good governance?

1. Participation
2. Transparency
3. Responsiveness
4. All of the above

**Options :**

- 86435154503. 1
- 86435154504. 2
- 86435154505. 3
- 86435154506. 4

**Question Number : 47 Question Id : 86435116031 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which one of the following is a governance process enabling the systematic integration of DRR concerns into all relevant development spheres?

1. Disaster risk reduction
2. Disaster Governance
3. Disaster management
4. None of the above

**Options :**

- 86435154507. 1
- 86435154508. 2
- 86435154509. 3
- 86435154510. 4

**Question Number : 48 Question Id : 86435116032 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Who responds to disasters when it hits anywhere in India?

1. The India National Army
2. National Disaster Response Force
3. National Disaster Management Authority
4. District Police force

**Options :**

86435154511. 1

86435154512. 2

86435154513. 3

86435154514. 4

**Question Number : 49 Question Id : 86435116033 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Reducing carbon footprint, carbon neutrality, green economy, urban resilience and energy security are mitigation measures adopted by a

1. Sustainable city
2. Low carbon city
3. Smart city
4. None of the above

**Options :**

86435154515. 1

86435154516. 2

86435154517. 3

86435154518. 4

**Question Number : 50 Question Id : 86435116034 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The time of disaster response should be as early as possible, which can be achieved by

1. Evacuating people
2. Early warning systems
3. Adopting relief measures
4. None of the above

**Options :**

- 86435154519. 1
- 86435154520. 2
- 86435154521. 3
- 86435154522. 4

**Question Number : 51 Question Id : 86435116035 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which of the following is/are climate change(s) mitigation measure to check the emission of greenhouse gases?

1. Efficient use and conservation of energy
2. Protecting carbon sinks
3. Using public transport to travel
4. All of the above

**Options :**

- 86435154523. 1
- 86435154524. 2
- 86435154525. 3
- 86435154526. 4

**Question Number : 52 Question Id : 86435116036 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Land use management as a tool for disaster risk reduction includes which of the following?

1. Building codes
2. Land suitability
3. Watershed Management and afforestation
4. Resilient development considerations

**Options :**

- 86435154527. 1
- 86435154528. 2
- 86435154529. 3
- 86435154530. 4

**Question Number : 53 Question Id : 86435116037 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

According to the likelihood-consequences matrix, a hazard that is highly likely to occur and has minor consequence falls into which category?

1. Critical
2. Low
3. Medium
4. High

**Options :**

- 86435154531. 1
- 86435154532. 2
- 86435154533. 3
- 86435154534. 4

**Question Number : 54 Question Id : 86435116038 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Besides adopting resilient development strategies, what are various types of measures that can be taken up in order to reduce the risks in a city?

1. Structural measures
2. Non structural measures
3. Structural and Non structural measures
4. None of the above

**Options :**

- 86435154535. 1
- 86435154536. 2
- 86435154537. 3
- 86435154538. 4

**Question Number : 55 Question Id : 86435116039 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Rapid Risk Ranking and Hazard Identification (HAZID) are synonymous to which disaster risk estimation method?

1. Risk identification
2. Preliminary risk analysis
3. Risk matrix approach
4. None of the above

**Options :**

- 86435154539. 1
- 86435154540. 2
- 86435154541. 3
- 86435154542. 4

**Question Number : 56 Question Id : 86435116040 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The process of determining the resources, assets, skills, knowledge, and social relations that communities, organizations, and individuals themselves have or have access to, to prevent, mitigate, prepare, respond to and recover from disasters is known as \_\_\_\_\_.

1. Vulnerability Assessment and Vulnerability Mapping
2. Capacity Assessment and Coping Mechanism
3. Risk Assessment and Risk Mapping
4. Impact Assessment

**Options :**

- 86435154543. 1
- 86435154544. 2
- 86435154545. 3
- 86435154546. 4

**Question Number : 57 Question Id : 86435116041 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which of the following is NOT true for vulnerability assessment?

1. Who is vulnerable?
2. Which areas are disaster prone?
3. The intensity of vulnerability?
4. When will disaster strike?

**Options :**

- 86435154547. 1
- 86435154548. 2
- 86435154549. 3
- 86435154550. 4

**Question Number : 58 Question Id : 86435116042 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which of the following is true for Hazard Maps?

1. Hazard maps provide important information to people to understand historic disasters.
2. Hazard maps indicate the extent of expected risk areas.
3. Hazard maps are stand-alone maps that cannot be combined with other information.
4. All of the above.

**Options :**

86435154551. 1

86435154552. 2

86435154553. 3

86435154554. 4

**Question Number : 59 Question Id : 86435116043 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Among the following, select the correct order of steps involved in DRR mainstreaming.

1. Database generation; vision; analysis; response; risk reduction and preparedness
2. Vision; database generation; analysis; risk reduction and preparedness; response.
3. Response; risk mitigation; analysis; risk reduction and preparedness; database; vision.
4. Vision; database generation; analysis; mitigation; response; risk reduction and preparedness.

**Options :**

86435154555. 1

86435154556. 2

86435154557. 3

86435154558. 4

**Question Number : 60 Question Id : 86435116044 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

How many steps does mainstreaming DRR involve?

1. 4
2. 7
3. 6
4. 3

**Options :**

- 86435154559. 1
- 86435154560. 2
- 86435154561. 3
- 86435154562. 4

**Question Number : 61 Question Id : 86435116045 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Why do we need to mainstream DRR into the planning process?

1. To reduce loss of life and property
2. To reduce economic losses
3. To identify local hazards and reduce the vulnerability of people
4. All of the above

**Options :**

- 86435154563. 1
- 86435154564. 2
- 86435154565. 3
- 86435154566. 4

**Question Number : 62 Question Id : 86435116046 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**



Which of the following is the systematic process of using administrative directives, organizations, operational skills and capacities to implement strategies, policies, and improved coping capacities in order to lessen the adverse impacts of hazards and the possibility of disaster?

1. Disaster Risk Mitigation
2. Disaster Risk Mainstreaming
3. Disaster Risk Management
4. Disaster Risk Governance

**Options :**

- 86435154567. 1
- 86435154568. 2
- 86435154569. 3
- 86435154570. 4

**Question Number : 63 Question Id : 86435116047 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The creation of the NDMA under the Ministry of Home Affairs (MHA) occurred after \_\_\_\_\_.

1. The Bengal Famine
2. The Orissa super-cyclone
3. The Gujarat Earthquake
4. The Uttarakhand Flood

**Options :**

- 86435154571. 1
- 86435154572. 2
- 86435154573. 3
- 86435154574. 4

**Question Number : 64 Question Id : 86435116048 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

The \_\_\_\_\_ is part of the international emergency response system for sudden-onset emergencies.

1. United Nations International Strategy for Disaster Reduction (UNISDR)
2. The International Federation of Red Cross and Red Crescent Societies
3. United Nations Disaster Assessment and Coordination (UNDAC)
4. International Search and Rescue Advisory Group (INSARAG)

**Options :**

- 86435154575. 1
- 86435154576. 2
- 86435154577. 3
- 86435154578. 4

**Question Number : 65 Question Id : 86435116049 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which of the following human activities is not responsible for causing global warming?

1. Deforestation
2. Use of CFCs
3. Use of renewable source of energy
4. Fossil fuel burning

**Options :**

- 86435154579. 1
- 86435154580. 2
- 86435154581. 3
- 86435154582. 4

**Question Number : 66 Question Id : 86435116050 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Volcanic eruptions are episodic and have \_\_\_\_\_ effects on climate.

1. Long term
2. Short term
3. No effect
4. Adverse effect

**Options :**

- 86435154583. 1
- 86435154584. 2
- 86435154585. 3
- 86435154586. 4

**Question Number : 67 Question Id : 86435116051 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

In global scale, traces of climate change can be established through \_\_\_\_\_ ?

1. Deforestation
2. Sea level rise
3. Increase in heat-wave
4. All of the above

**Options :**

- 86435154587. 1
- 86435154588. 2
- 86435154589. 3
- 86435154590. 4

**Sub-Section Number :** 4  
**Sub-Section Id :** 864351871  
**Question Shuffling Allowed :** Yes

**Question Number : 68 Question Id : 86435116052 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Disaster Management Act, 2005 defines disaster as “a catastrophe, mishap, calamity or grave occurrence in any area, arising from natural or man-made causes, or by accident or negligence which results in substantial loss of life or human suffering or damage to and destruction of property, or damage to, or degradation of, environment, and is of such a nature or magnitude as to be beyond the coping capacity of the community of the affected area”

1. True
2. False

**Options :**

86435154591. 1  
86435154592. 2

**Sub-Section Number :**

5

**Sub-Section Id :**

864351872

**Question Shuffling Allowed :**

Yes

**Question Number : 69 Question Id : 86435116053 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

A hazardous natural disaster on an average leads to how many deaths?

1. 0 to 1 lakh
2. 50 to 2 lakhs
3. 100 to 1 lakhs
4. 10 to 10 lakh

**Options :**

86435154593. 1  
86435154594. 2  
86435154595. 3  
86435154596. 4

**Question Number : 70 Question Id : 86435116054 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

What percent of natural disaster that has occurred in Asia is attributed to India and China ?

1. 40%
2. 30%
3. 50%
4. 20%

**Options :**

86435154597. 1  
86435154598. 2  
86435154599. 3  
86435154600. 4

**Question Number : 71 Question Id : 86435116055 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The Most severe Nuclear disaster in the world till now is \_\_\_\_\_.

1. Fukushima Daiichi, Japan
2. Chernobyl, Ukraine
3. Three Mile Island, USA
4. Windscale, UK

**Options :**

86435154601. 1  
86435154602. 2  
86435154603. 3  
86435154604. 4

**Question Number : 72 Question Id : 86435116056 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Where did the most severe Earthquake take place?

1. Bam, Iran
2. Port-au-prince, Haiti
3. Aleppo, Syria
4. Sumatra, Indonesia

**Options :**

- 86435154605. 1
- 86435154606. 2
- 86435154607. 3
- 86435154608. 4

**Question Number : 73 Question Id : 86435116057 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

What are the impacts which are included in a natural disaster?

1. Physical impact
2. Socio economic impact
3. Environmental impact
4. All of the above

**Options :**

- 86435154609. 1
- 86435154610. 2
- 86435154611. 3
- 86435154612. 4

**Question Number : 74 Question Id : 86435116058 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which city of Nepal was hit by a hazardous earthquake in the year 2015?

1. Pokhara
2. Patan
3. Kathmandu
4. Biratnagar

**Options :**

86435154613. 1  
86435154614. 2  
86435154615. 3  
86435154616. 4

**Question Number : 75 Question Id : 86435116059 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

A heat wave is generally defined as a period of \_\_\_\_\_ of abnormally hot weather.

1. Several days
2. Several weeks
3. Several days to weeks
4. Several weeks to months

**Options :**

86435154617. 1  
86435154618. 2  
86435154619. 3  
86435154620. 4

**Question Number : 76 Question Id : 86435116060 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The \_\_\_\_\_, which are highly sensitive to small changes in water temperature, suffered the worst bleaching—or die-off in response to stress—ever recorded in 1998, with some areas seeing bleach rates of 70 percent.

1. Marine fishes
2. Coral reefs
3. Marine oil reserves
4. Marine flora

**Options :**

86435154621. 1  
86435154622. 2  
86435154623. 3  
86435154624. 4

**Question Number : 77 Question Id : 86435116061 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Factors that affect the microclimate in urban areas are \_\_\_\_\_.

1. Size of urban area and built form
2. Building density
3. Canyonisation
4. All of the above

**Options :**

86435154625. 1  
86435154626. 2  
86435154627. 3  
86435154628. 4

**Sub-Section Number :**

6

**Sub-Section Id :**

864351873

**Question Shuffling Allowed :**

Yes



**Question Number : 78 Question Id : 86435116062 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The satellite image at night is often referred to as night lights.

1. True
2. False

**Options :**

86435154629. 1  
86435154630. 2

**Question Number : 79 Question Id : 86435116063 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The isotherm map at night illustrates a city's typical surface-based temperature profile.

1. True
2. False

**Options :**

86435154631. 1  
86435154632. 2

**Question Number : 80 Question Id : 86435116064 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Dense built-up areas, typically lead to warmer air temperatures.

1. True
2. False

**Options :**

86435154633. 1  
86435154634. 2

**Sub-Section Number :**

7

**Sub-Section Id :**

864351874

**Question Shuffling Allowed :**

Yes

**Question Number : 81 Question Id : 86435116065 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

The latest COP was held in which city?

1. Glasgow, UK
2. Bonn, Germany
3. Madrid, Spain
4. Delhi, India

**Options :**

86435154635. 1  
86435154636. 2  
86435154637. 3  
86435154638. 4

**Question Number : 82 Question Id : 86435116066 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

The SDGs are an outcome of which of the following?

1. COP 21 Paris Agreement
2. COP 3 Kyoto Protocol
3. The Earth Summit
4. IPCC

**Options :**

86435154639. 1  
86435154640. 2  
86435154641. 3  
86435154642. 4

**Question Number : 83 Question Id : 86435116067 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The \_\_\_\_\_ is entrusted to prepare a national plan for disaster management which is to be reviewed and updated annually.

1. National Executive Committee
2. National Institute of Disaster Management
3. National Disaster Management Authority
4. National Disaster Response Force

**Options :**

- 86435154643. 1
- 86435154644. 2
- 86435154645. 3
- 86435154646. 4

**Question Number : 84 Question Id : 86435116068 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The National Disaster Management Act, 2005, provided for an institutional mechanism at the \_\_\_\_\_ for comprehensive disaster management.

1. Centralised national level
2. National and state levels
3. State and district levels
4. National, state, and district levels

**Options :**

- 86435154647. 1
- 86435154648. 2
- 86435154649. 3
- 86435154650. 4

**Question Number : 85 Question Id : 86435116069 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Which of the following agencies are involved in disaster management activities in India?

1. Indian Council of Agricultural Research (ICAR)
2. National Remote Sensing Centre (NRSC)
3. Geological Survey of India (GSOI)
4. All of the above

**Options :**

- 86435154651. 1
- 86435154652. 2
- 86435154653. 3
- 86435154654. 4

**Question Number : 86 Question Id : 86435116070 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The word resilience means \_\_\_\_\_

1. The act of rebounding
2. The act of recoiling
3. The act of springing back
4. All of the above

**Options :**

- 86435154655. 1
- 86435154656. 2
- 86435154657. 3
- 86435154658. 4

**Sub-Section Number :**

8

**Sub-Section Id :**

864351875

**Question Shuffling Allowed :**

Yes

**Question Number : 87 Question Id : 86435116071 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Three strands of community or social resilience include civil protection, community involvement, and social protection.

1. True
2. False

**Options :**

86435154659. 1

86435154660. 2

**Question Number : 88 Question Id : 86435116072 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Economic resilience implies that the economy is completely indifferent to the shocks of disaster.

1. True
2. False

**Options :**

86435154661. 1

86435154662. 2

**Question Number : 89 Question Id : 86435116073 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Critical infrastructure is a term used by governments to describe the assets that are essential for the functioning of a society and economy.

1. True
2. False

**Options :**

86435154663. 1

86435154664. 2

**Sub-Section Number :**

9

**Sub-Section Id :**

864351876

**Question Shuffling Allowed :**

Yes

**Question Number : 90 Question Id : 86435116074 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Robustness, Redundancy, Diversity, Responsiveness and Coordination are the components of a \_\_\_\_\_ city?

1. Smart
2. Sustainable
3. Resilient
4. Futuristic

**Options :**

86435154665. 1

86435154666. 2

86435154667. 3

86435154668. 4

**Question Number : 91 Question Id : 86435116075 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No**

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

Which of the following are components of disaster risk management?

1. Mitigation, Analysis, Response, Rehabilitation
2. Preparedness, Identification, Analysis, Response
3. Identification, Analysis, Recovery, Rehabilitation
4. Mitigation, Preparedness, Response, Recovery

**Options :**

86435154669. 1

86435154670. 2

86435154671. 3

86435154672. 4

**Sub-Section Number :** 10  
**Sub-Section Id :** 864351877  
**Question Shuffling Allowed :** Yes

**Question Number : 92 Question Id : 86435116076 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Africa, being the most prone to disasters, accounted for 40% of the world's disasters between 1999 and 2008.

1. True
2. False

**Options :**

86435154673. 1

86435154674. 2

**Sub-Section Number :** 11  
**Sub-Section Id :** 864351878  
**Question Shuffling Allowed :** Yes

**Question Number : 93 Question Id : 86435116077 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Specific interventions for Integration of DRR which are added to the development plan, programmes or strategies are \_\_\_\_\_.

1. Intervention at policy, planning, institutional, programme/ project level.
2. Knowledge Management and Capacity Development
3. Disaster Risk Audit
4. All of the above

**Options :**

86435154675. 1

86435154676. 2

86435154677. 3

86435154678. 4

**Question Number : 94 Question Id : 86435116078 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The International Federation of Red Cross and Red Crescent Societies (IFRC) work follows-

1. Action during disasters
2. Disaster preparedness
3. Health and assistance to people at the community level
4. All of the above

**Options :**

86435154679. 1

86435154680. 2

86435154681. 3

86435154682. 4

**Question Number : 95 Question Id : 86435116079 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Increase in built up area in urban areas causes:

1. increase in the paved surfaces
2. increase in the surface temperature of land
3. decrease in the vegetation
4. All of the above

**Options :**

86435154683. 1

86435154684. 2



86435154685. 3

86435154686. 4

**Question Number : 96 Question Id : 86435116080 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Energy consumption of cities is increasing due to

1. more population and more demand
2. increasing pollution
3. increasing vehicles
4. decreasing water bodies

**Options :**

86435154687. 1

86435154688. 2

86435154689. 3

86435154690. 4

**Question Number : 97 Question Id : 86435116081 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

State Disaster Management Authority (SDMA) is headed by \_\_\_\_\_

1. Prime minister
2. Governor of the state
3. Chief Minister of the State
4. President

**Options :**

86435154691. 1

86435154692. 2

86435154693. 3

86435154694. 4

**Question Number : 98 Question Id : 86435116082 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

With National Disaster Management Plan 2016 India has aligned the National Plan with the\_\_\_\_\_ to which India is a signatory

1. Kyoto Protocol
2. Ramsar Conventon on Wetlands
3. Sendai Framework for Disaster Risk Reduction
4. All of the above

**Options :**

- 86435154695. 1
- 86435154696. 2
- 86435154697. 3
- 86435154698. 4

**Question Number : 99 Question Id : 86435116083 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

Droughts are expected to be more frequent in which region of India?

1. North -East
2. North-west
3. Central
4. South

**Options :**

- 86435154699. 1
- 86435154700. 2
- 86435154701. 3
- 86435154702. 4

**Question Number : 100 Question Id : 86435116084 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Correct Marks : 1 Wrong Marks : 0**

The World Conference on Disaster Risk Reduction is a series of United Nations conferences focusing on disaster and climate risk management in the context of sustainable development, hosted by Japan in \_\_\_\_\_

1. Yokohama in 1994
2. Kobe in 2005
3. Sendai in 2015
4. All of the above

**Options :**

- 86435154703. 1
- 86435154704. 2
- 86435154705. 3
- 86435154706. 4