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## GS Advanced Program 2023

### Generic Booklet

Test Name/Code/No.:##.36.(693036)

Name

Email ID.

Roll No.

Mobile No.

Allotted Time: 60 Minutes

#### Instructions to Candidates -

- There are 7 Questions in this Question paper.
- All Questions are Compulsory.
- For all updates, please visit the noticeboard https://noticeboard.forumias.com/gsap-2023/

#### Important -

- Answers must be attempted in the QCA Booklet only.
- To upload the Answer Copies please visit to "My Course" section on https://academy.forumias.com/
- Only those copies will be evaluated which will be submitted before the next class.

Q. No.	Grade/Score
1	
2	
3	
4	
5	
6	
7	
Overall Grade/Score	



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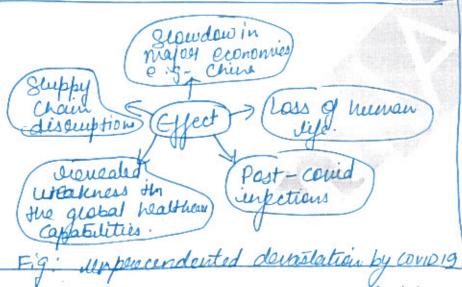
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## Start Writing Here

Q.1) COVID 19 panclemic which put ites whole the development of nations atleast a decade back was unpercedented in history.



To manage the pandemic and its implications on various Sectors technology was used.

Technological Interventions

- 1) In Education Sectou Online education took the splace of office education.
  e.g- DIST lise of television channels by GoI.
- -a) To track the could state & 2) In Health This Generic CCA booklet can be used to attempt all GS Advanced Program Tests.

## 7 Forum AS

-b) vaccination - Cowin app to Gaeal locate centres ex. & vaccination -c)

- 3) In supply chain management and delivery of essential securices.

   e- commence sites zero contact delivery.
- 4) In medical services idigital consultation with doctors: use of subsites to provide food to injected fraterits.
- 5) Entertainment Dure it ite implication of lock sown was localiness OTT platforms and telecast of old Shows belough Solidarity.
- 6) Digital modia / Social media rused by government for education, communication, and autoreness and moral boosting.

Has it not been you technology, covid 19 could have had name had name fold effect ion global community in health, as education, health, food Supply chain etc.

Overall Grading (  $\sqrt{}$  )

	Poor			Average			Good	
1	2	3	4	5	6	7	8	9

# ▼ Forum | AS

Q.2) Vulnerability ocepus ito ithe unability to cope winth hazard unlich untimately forms trum into a sinaster.

Disaster = Vulnerability X Hazzord
Capacity

1) Physical vulnerability.

- => Vulnerability can be icharacterised into two types.
  - a) Tangdeble Vulnerability ithe Vulnerability which is visible e.g- physical, social economic Vulnerability.
    - b) non-tangible vollnebæbility 
      the vulnerability indisch ies

      covert ien stature.

      e.g- custural vulnerability

      attitudinal vulnerability etc.

# 2 Forum AS

Types of vulnorability— due do

pereninty near source of disaster.

Perenint XXX

Settlement Trainer

Settlement Trainer

neary Share

(nrore vulnorability— due do belonging

ito contain groups e g— nearner,

Children old age people differently

abled ex.

3) Fromanic Vulnorability— due to vack

of safe environment.

Children and non-appointability

of safe environment.

- Les mettands over more wulnerable viewerable
- 5) Attitutional Vulnerability- non acceptance of ithe ithreat and non extined logic gampens their Safety as well as seconery post disaster.

Overall Grading [ V ]

	Poor			Average			Good	
1	2	3	4	5	6	7	8	9

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Q.3)		ş
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Overall Grading (  $\sqrt{\ }$  )

	Poor		Average			Good			
1	2	3	4	5	6	7	8	9	

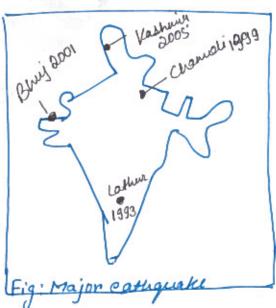
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Q.4) Eauthquake suefers to the Sudden Shaking up eauth due ito plate-techtonic moderneuts in the interior of easith de due to man made recessous like underground explosion.

> > Volcanic comption Hazands (Chameli)
>
> Tourani (2004) : Cauthy whe related hazards

Carituquakes during last 3 decades

- 1) Chancoli 1999 earthquake - Uttara-
  - I led ito landslide Buil or in himaleyan
  - -> caused due to techtonic movement in middle helualayas ..



## > Forum | AS

a) Larur, mandiamou	1.	Maharashter	,	Latur	2)
---------------------	----	-------------	---	-------	----

- the cause seemains unknown as there is no presence of techtonic plate.
  - caused huge écononie & human lors.
- 3) Bhuj. Crujavat 2001
  - due do reactivation of techtonic yplate earther unknown.
  - devastating effect huge dennen
- 4) Kashnier, 2005.
  - due to few unteraction between Curation plats and Indian plato - multiple shocks felt.
- 5) TAMMANI 2004, Indian Ocean.
  - caused due to easituquate un near Banda asichipilagor near South Sumatra.
  - impacted coastal zone of India.

many natural and man-worde discustors due to its special geological geographical position o

### Overall Grading ( V)

	Poor			Average			Good	Good		
1	2	3	4	5	6	7	8	9		

Q.5)

Disaster Management Degens to fore the streategy of preparation, midigation, premention along with recover, reciple, seconstruction and rehabilitation post disaster

Disaster
Hanagement

Pereparedness

Eavelien Approach

The Doos' i.e before NDHA

Ithe Approach was of Reactine

i.e to take action post

disaster Thorough 5 R

Return Rehabilitation

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Change in Opposoach Prevention - Thorough zone mapping.
- Capacity building of rocal Community. - Collaboration botucen State governments and central government. alignment of policies. - International collaboration (Sondai Feramework) 2) Mitigation - to decreas the seeal time - though impormation dissimplian. making Safe downking water training local training volunters un suefiel measures. (Aapola Mitra - NDMA) - Bresource allocation

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Diesitent inprastructure under

-> leavining forom iter past disasters.

-> integrating local emperatise

-> inclusion of momen in £ SME'S

pevaneters while taking developmental activities.

India's idisaster management Storategies have neidened in subsequent years at both at central and state lovel enident from the minimum Moss during elecent cyclones in Odisha Gend T.N.

#### Overall Grading ( $\sqrt{}$ )

	Poor		Average			Good		
1	2	3	4	5	6	7	8	9

Q.6) Disaster Hanagement veepers to the holistic apparach ito manage distister beces best and during disaster thorough preparation mitigation and prevention.

mapping of homogeneous area based to the degree lof nullnuability and Scope ito twening into a disaster.

Hazard - zone mapping in case of Landslider

Landslides |

-> Indian degion is perone to landslides (movement les large debaies on land ob under the vinfluence of gravity) due to its multiple measons.

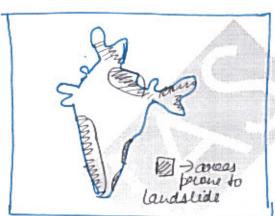
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Fig: Reasons Jon Landslide in India

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Hazard zone mapping helpful in mitigation of landslides

1) Identification of major region.
Villeviable regions.
e.g. Recent pilgrime aviea zone mapping
Of Uttorakhand by
ISRO.



- 2) Journalation of policies in accordance
- 3) Deployment roj viescue team near the most vulnerable areas.
- 4) Identifying Spatfal and temporal velocelability of a region can help in fore- your-active steps seather snot recactive stops.
- Bauning ref development activities in most vulnerable areas

  can help reduce of landslides

  e -j western ghats.

6) Help in capacity building of people of the original thorough awareness and tridining.

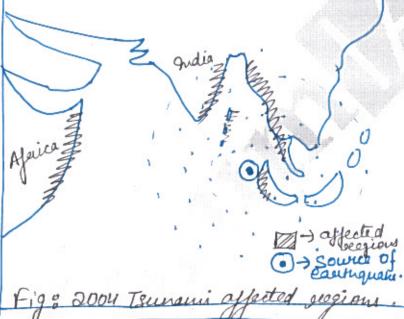
Can act as a parasign shift in solving mitigating landshides and associated due ito climate Change of associated entremes landshides are persone to increase in near future.

Overall Grading ( V)

	Poor			Average			Good		
1	2	3	4	5	6	7		8	9

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Q.7) December 26, 2004 Tourani of accured clue ito cart under Sea carithquake near Banda arch in South Jaimatra. It affected countries of Indian Ocean region and Impact was felt till castern vafaira.



Factous susponsible you Tourname

- → Muden Sea Cauthqualle due to interaction between techtonic plates · e · j - Tsunami 2004 ·
- -> Due to underwater landslick
- -> Due to volcanic escription underwater

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- ffect of Tourani 1) on life. - Dealth - loss of human life as well as animal ly Disease - due to intension of Sea water and glooding of lever Lack of Safe decenting water 2) Ju Marine life is also affected if pollutants from land - Radiation - e.g. 2001 Japan Nuclear 2) On Economy. -> Injuastructure - Collapse of July astructure including centreal inforastouchters. -> Reconstenction cost in huge. Supply chains including food and medical supply. Fo counter Tsunami ils a natural disaster which cannot be avoided and can only be cope up showingh Pereparedness , midigation of corpacity Buildey.

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In this suggested NDHA (2010) becomes

NDMA 2010 guidelines

- 1) To have easily washing system so that impremation can be dissimated to local people and suf orelief, secovery agencies.
- 2) Policies by coastal states in clins unith NDNA so that a Collaboration approach can be taken.

3) Manguoues plantation along coast.

of Sunderban Bhitarkaniha

4) Disaster ocesilient cocitical impossibilitarion like communication so that descing disaster area is not cut off.

The NDHA 2010 guidelines have been a collaboration and

Extensine one based on capacity building, renjournation based, early warring System.

Overall Grading (  $\sqrt{\ }$  )

	Poor		Average			Good		
1	2	3	4	5	6	7	8	9

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A Mains specific Foundation Program for IAS 2023 by ForumIAS

# GS Advanced Program 2023

Mentor guided Mains specific Guidance Program for Civil Services Examination