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GS Advanced Program 2023

Generic Booklet

Test Name/Code/No.: 69.303.6 (#36) 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.fortunias.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	
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Overall Grade/Score	

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ZII OI UIII I

Start Writing Here Cavid-19 fandemic due to its rapidly Q.1) Spreading characteristic & economic Social & political consequences has become one of the worst humanitarian crisis in the recent past. Unprecedented devastations of covid-19 > Global economy shrunk by 4.4% 1. Bronomie > large scale supply - chair disorphins due to demand-supply mismatches -> worldwide lockdowns => slowdown of world economy > migrant crisis, Boverty, food shortages, overburdened health can (2) Socia infrastructure, closing down of educational institutions, shadow pardenie, etc. rescheduling of elections due

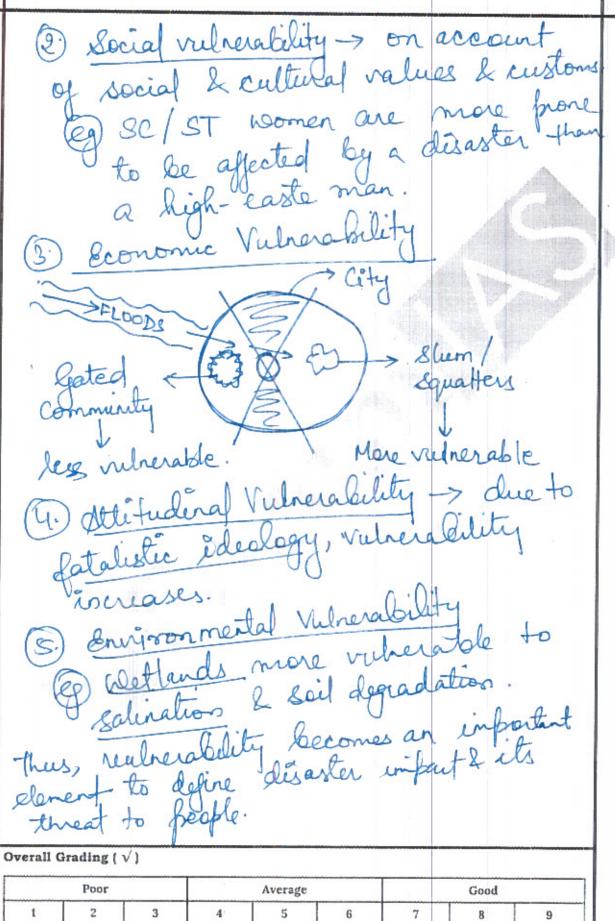
This Generic QCA booklet can be used to attempt all GS Advanced Program Tests.

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centre l' states, etc. Technology to aid covid-19 management Aaragya Setu App > bluefooth & AI based fool to track COVID-19 patients. 2.) [Co-WIN] -> Covid-19 Valeine Intelligence Network - for efficient vaccine distribution 3.) PM e- Vidya -> a multi-modal education platform. Others isclude DIKSHA & e- Pathshala. 4.) [Jata CRISPR] -> diagnostic tool cas 9 protoin based on Indégenéous ventilators Poceray Vagu CAWACH Scheme by DST to ensure continued support to startups working on COVID-19 technological innovations played in the manager Overall Grading (V) Poor Average Good 2 3 7

Q.2) people living is blains are more vulnerable to floods that those living on hills. Nays to characterise vulnerability to a disaster cal factors. Hayard X Vulnerability = Disaster





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Q.3)



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Overall Grading ($\sqrt{}$)

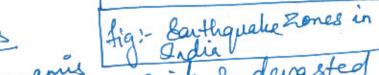
Poor			Average			Good				
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Q.4)

Earthquake refers to the sudden shaking of earth surface due to movements of tectoric plates along the plate boundaries.

Vulnerability of India to earthquake related hayands:

- 1) Landslider >
 Ondia is highly
 vulnerable to
 landslides speciallying
- -> Hunalayas, -> Western Chats,
 - -> Nilginis
 - -> Andaran & Willer
- 2.) Jesuranis



Submerged India Point & devasted submerged India India.

migor portions of India.

New there India specially regions of

North East Utlarakhand & Kashmir & North East Utlarakhand & Kashmir & Jones V (High risk 20nes)

caused by earthquakes Major disasters India Latur, 1993 in Maharashtre -> - Barthquake of 6.3 scale magnifude Cause debatable because of land absence of any plate boundaries Chamoli, Uttarakhard, 1999 - large scale earthquake resulti in landelides Luge loss to life & for Bhug, gujarat 2001 devasted - severe eart quale the region. 4. Isunamis, 2004 -> caused by under noater earthquake is Indian ocean. 6. Kashmir Barthquake, 2006 -> magnitude 7.3 on RS. Led to landslides & pe gross devastation in lies near the blate boundary between a Burasian plates itemajor part offe Poor Average Good 3 9

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refers to the Disaster maragemen Q.5) ways to deal with human, material, economic & environmental a disaster. It means how we frepare for lean from a disperter. Disaster Preparedness Response 5R's PMP Pre DMA2005 DMA 2005 Miligation Raconstouctu Prevention Pre-disaster: Risk reduction Post-disaster: Respons Disaster management cycle. Earlier Reactive approch it of Disaster -> Prior to enactine

Management Act, 2005, Que focusse Only on Desaster response wethout any thought of towards fre-disaster risk reduction strategies - only fours was -> Relief & Recovery
-> Reconstruction & Rehabilitation Recent Measures initiated by GOI for disaster maragement 1. Eractment of Disaster Mangamen Act, 2005 which calls for DMA, 2005 Post-disary Pre-disaster Durup directer Prevention Response litigation

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2.) Formation of National Disaster Response Force (NDRF) & CDRF to tackde dieaster hit areas. National Disaster Management Suthouty (NDMA) has been set up under chairman Ship of PM. to plan & monitor disaster risk areas. (4.) National Exective Coursel Las & State executive councit headed by which home secretary & chief secretary & serketively. National Discister Response Fund (NDRF- & SDRF) to mobilise funds to distaster struck areas. 6) Apada Mitras initialine in 2016. Thus, recent measures of initiated by govt of India are quite deforant

Overall Grading (V)

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

its éarlier realtine approach.

Q.6)

Mandslides are sudden mass movement of soil clown a hilly slope due to presence of loose soil and excess moisture.

Hayard Zonation Mapping

it refers to the division of
land into contiguous areas by
rateing them based on degrees of
risk to potential hayard.

Kardelides: How Hayard Zonations mapping is done?

- er hilly regions. Chamble district of utlarakhard.
- 2.) dreas north heavy rainfalls in steep slopes.
- 3.) cheas undergoing extreme human activities

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4.) allows policy makers blan the land-usage is lowing agriculture only thus, landslides are increasingly a frequent event across of India Overall Grading (V) Good Poor Average 7 8 9 2 3 5

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Tourance are a series of strong waves Q.7) with were extremely long wavelengths and long periods that are formed under water body due to an impulsive distushare that displaces water.

Jactors sesponsible for occurrie of Jewans 1.) Barthquakes - of magnitude greater

than 7 on Ritcher Scale under water

2.) Volcanic eruptions inside a materbody also causes touranus though sarely

En collapse of caldera valcano rehic leads to large scale water displacement

3.) Kundslides inside steep slopes of

Meteorites influence on earth

Dhuge defasite at July of Mexico caused by apparent Tourani (SM years to meteorite impat

nthropogenic factors -

testing by USA in Marshall Islands is 1940s 21950s led to Tsuranie.

Effects of Isuranis

- -> grave loss of human & cenimal
- lives > Diseases - due to flooding & destruction of senage systems

On Economy -> Flooding

- Soil degendate

- -> subsequently endangers food severity.
- -> reconstruction of houses & buildings Regime huge is natments

NDMA (2010) quidelines provide belows mechanisms to ensure Disaster Proparedress

- 1.) Dieaster research
 - -> mapping of disaster from areas
 - > risk and vulnerability assess-
 - ment of mapped areas.

 Strengthening disaster early-warner -> Strengthening

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of desaster occurence. 2.) Preparation of contingency plans eg infrastructures based on design 3) Praviding adequate suffort system through financial & administration 4.) Involvement of NGOs, civil society 5.) Désaster education & auvareness 6.) Dissemination of disaster-related enformation and knowledge. India, due to its geo-climatic & soirosconomic factors is prone to varied topkinds of disasters. Therefore, a proactive Umanagement plan with focus on preparation, mitigation, prevention, & secovery must be undertaken.

Overall Grading ($\sqrt{}$)

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



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