

# INTERNAL SECURITY AND DISASTER MANAGEMENT

Time Allowed: 3 hrs.

Max. Marks: 250

Q.	Marks	Instructions to Candidate
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10.37

## REMARKS

**GS SCORE**  
GS MAINS TEST SERIES 2016

- Q1. The reforms in Indian Police system, though long pending, have been held hostage to political issues and executive's unwillingness to lose control over police system. However, there are some reforms at ground level to improve Police-public interface. Elaborate.

(12.5 Marks)

envisaged - e-FIR, community policing  
 Police is the "major law & order maintaining agency in the country. However, police is a state subject thus, political control & executive's willingness to reform it is very high.

IPC, CrPC, CPC followed are archaic in nature, being followed since 1860 without substantial changes. They are having highly outdated provisions some even reflecting the British legacy of suppression eg. Sedition law.

However, to improve the police-public ~~administer~~ interface many reforms can be done at ground level. Supreme Court has laid down 7 directives in 2003 in Brahm Narayan case. Some of the relevant ~~provisions~~ are:

- ① Set up a Complaint Redressal cell in each Police Station to deal with complaints against police personnel.

- ② Separate law and order from investigation & make them two departments. This will enhance police interaction with civilians as now these departments will more specifically do their jobs.

2½

Remarks I Part-focus- why political & exec unwillingness  
 what refers to accordingly

Apart from these,

- (1) a model code of ethics should be prepared for police personnel putting civilian at a position of respect & dignity.
- (2) mid-term appraisal of police officials regarding their promotion on basis of cases solved in due time etc should be prepared.

A healthy police-civilian interface is of dire need in India where police has become a subject of hatred among the people & where people don't respect police.

Remarks

- Q2. Make in India in defence was one of the most talked about development in recent time; however, there is limited implementation on ground level. Critically analyse. (MII) (12.5 Marks)

Make in India is a policy by government to boost our manufacturing sector and increase its share in GDP to 25% plus creation of plenty of jobs. MII dealt with many sectors, one of them being Defence.

To enhance defence production, several initiatives have been taken like:

- ① Transfer of technology clause with France in Scorpene Submarine
- ② FDI has been boosted to 100% in few areas in defence production
- ③ Offset clause increased from 2000 crore to attract foreign producers.

However, not much has happened at ground level because:

- ① Already a tremendous supplier base exists in the world like USA, Israel, Russia, China, Japan, France, etc.
- ② Indian manufacture is of less qualitative value, lack of branding.
- ③ Only agency selling defence produce is DRDO, ISRO support is not taken to enhance quality.

2½

Remarks

- ④ Investors are less willing to invest in sensitive sector like defence due to political instability (govt changes every 5 years).
- ⑤ ~~Ind~~ most of the Circuits, Semiconductor wafers, alloys used in the products will have to be imported i.e. backward linkages are poor in India.

Though with new draft Defence policy, we have focussed on Indigenous production, the IDDM clause (Indigenous designed & developed & manufactured) encourages Investors to come & produce in India. The sector is bound to grow in coming times as India could develop a better market in her neighbourhood with RCEP in Asia-Pacific.

Remarks

Q3. AFSPA shall be revoked from places which have shown low violence and militancy. Discuss in the context of judicial view and identify some regions where it can be revoked? (12.5 Marks)

Armed forces (special powers) act was put in place in 1950's to bring back law & order in the militant regions, namely J&K & north Eastern states.

However, with time AFSPA's position kept degrading with claims of extra judicial killings, army inflicted abuse, rapes on innocent women etc.

AFSPA was also criticised that these army people are alien to locale and could not understand the local sentiments. AFSPA also created feelings

of "outsiders in own land" among people who had to face the atrocities of army. Moreover, AFSPA has not been able to control insurgency, drug trade, infiltrations. As such, analysts claim AFSPA to be utter failure.

However, One group of experts including Supreme Court says, seeks to reform AFSPA rather than fully revoking it.

SC recently held that:

- ① Extra judicial killing cases to be solved and due punishment given.

Remarks

- carefully frame statement while writing about army;  
key contributions of army

(3)

② Principle of natural justice shall apply on all and  
Special powers of AFSPA will be must pass  
the due process clause i.e. the power is  
given under AFSPA can protect an army  
personnel ~~from~~ if he does a unacceptable  
act

③ ~~can already~~ also said that state may ask  
central to revoke AFSPA in case full peace  
is setup.

Recently TRIPURA govt demanded removal of  
AFSPA. However in other states like Nagaland,  
JK, AFSPA should continue after all its major  
objective is maintain peace & order and  
it has been able to do so since 1950's to  
much extent

Remarks:

Q4. India has many caste based regiments and region based corps, like Assam Rifles and Gorkha rifles. Analyse the need and rationale for their existence? (12.5 Marks)

~~It was British that created such regiments guided by its own vested interests and of creating loyal forces. Assam rifles is the oldest battalion in India born in 1850's. On the other hand, Gorkha rifles was setup after British defeated Nepalese rulers.~~

~~These caste based & region based battalions hold high rationale for their existence like:~~

- ① They are well verse in the area they work in. for eg. Assam rifles know about the terrain of north India. It has been a main force in tackling the insurgency, administrative units not raiding migrant adda's etc. It has also been active in disaster management region. It has also been active in disaster management region also been active in disaster management region. More over they understand the sentiments of local people and are respected among them unlike Army (AFSPA).

1  
2

You lack understanding of issue - Refer last

Remarks

Q). Gorkha regiment on the other has been successfully deployed by Ministry of defence in many many expeditions, maintaining peace in the Sikkim region etc. ~~their need is high~~. These factors also tell about the high need of these forces. Such forces add diversity to our security framework. They have their own traditional fighting techniques that provide them unique value in the

Setup

Remarks

- Q5. The rise of various vigilante groups is both a reason and result of failure of law and order. Critically analyse. (12.5 Marks)

Failure of law and order clubbed with economic strife, feelings of relative deprivation, regional imbalances & a skewed political outlook are the factors leading to ~~and~~

rise of extremism, militancy & vigilante. Among these failure of law & order has much relevance in ~~so~~ rise of such groups. For eg — lack of

① Naxalism arose from failure of law & order in understanding

Tribal regions of West Bengal. (from Naxalbari)

It rose ~~under~~ with political objectives of setting up own government and was reinforced by

government's failure to check it. Today it exists all along Eastern India called Red Corridor

② Insurgents in Nagaland are prospering due to failure of law & order in the region. NSCN(K)

has setup parallel government with own ministries in the region.

③ Cause of strife in J&K is to much extent dependent on failure of government in maintaining peace in the region. AFSPA is also to blame

Remarks

However, government alone cannot solve the issue.  
People must rise up for peace, law & order.  
• Cannot be imposed from the outside, force.  
• Cannot bring peace in a region.  
The need is development, economic & political.  
Integration of these deprived regions. Trust &  
confidence-building are the ways to bring these  
lost areas into mainstream India. As has been  
said by "Vigorous Xaxa Committee on  
linkages between Extremism & Development".

Remarks

- Q6. Drug abuse has become pandemic in certain parts of India; however, there have been no serious efforts on the part of government. Suggest a roadmap to address the issue given the present constraints? (12.5 Marks)

Drug abuse has become a major threat for India.

Slums, Juveniles, major cities, main villages (particularly @ mountains) have been severely affected.

Road map to solve crisis will should follow a structured approach:

① Identify the routes that bring drugs into country

- porous borders of Pakistan, Bangladesh

- open borders with Nepal

- India-Myanmar border (Golden Triangle is a major zone of production)

& others

② Mapping of vulnerable areas like Slums etc.

③ Collect intelligence mapping of intra-country rackets that supply these drugs

④ Strengthening of legislation on drug trafficking to include hefty fines & punishment.

(3)

# To help drug addicts overcome the addiction, more rehabilitation centers need to be opened.

more sensitivity-training to addicts regarding drug use.

- too general

Remarks

- Refurbish for specific points

• Community based rehabilitation

- # to decrease new ~~addict~~ persons from joining such addicts. A need is: creating awareness about ill effects of drugs through role-modelling posters, puppet shows.

# Introduction of mandatory course on drug abuse in school curriculum.

The battle with drugs abuse is a long battle, it has to be fought at both creative & prescriptive levels. International cooperation can, however, fasten the process.

Remarks

Q7. The order by US Supreme court goes a long way to establish the supremacy of privacy of people over the information scanning needs of security agencies. Analyse its implications on law enforcement agencies world-over?  
(12.5 Marks)

*Remarks*

Remarks:

- Q8. 'The Peshawar school kids massacre and everyday violence in Pakistan shows that keeping snake in backyard is not a risk for neighbours only, it bites family members more often.' Elaborate the reasons why Pakistan lost the control over militants and is unable to use them as strategic assets? (12.5 Marks)

Pakistan has emerged as the terrorist capital of the world. recently USA senate passed a bill to declare Pakistan a terrorist state. The reasons are many:

① Political Structure

Pakistan is not ruled by single government rather government for military rules separately creating utter chaos in the country.

on one side Mr. Sharif tries to improve relations with India, on the other military rules them, as postulated in "The guardian".

② Nexus between Terrorist groups, ISI, military & political parties weaken the democratic framework of Pakistan, Policies are framed without deliberations

③ Claims are that Pakistan breeds Taliban; however, Taliban itself attacks Pakistani establishments like Peshawar school. It could be because now Taliban is not getting

Key Point  
Don't pursue  
(USA)

Military  
operan

31  
32

Remarks

- Support from Pak goes due to lack of resources with govt, international pressure.
- Moreover, USA stopped its support to Pakistan in the form of providing aids to fight against Taliban.
- Taliban is extending its base. It has recently opened its headquarters in Doha, Qatar. As such Taliban dependence on Pakistan is lessening.
- In this scenario, Pakistan is being bitten by the snake it nurtured. Pakistan must seek international cooperation to weed-out ~~the~~ terrorism from its territory.

Remarks :

- Q9. Internet piracy has been in news off-late, partly because of concentrated efforts of USA law authorities to close down torrent sites? Discuss the negative impacts of torrents and their legal status? (12.5 Marks)

Torrents are peer-to-peer data transfer clients. They allow one person sitting in a remote corner to access data (videos, audio, etc) from another geographically based computer, all that is needed is an internet connection.

#### Negative impacts of torrents:

- ① They breach copyright, & other intellectual property rights. Software companies, movie-industry face a heavy loss due to piracy through torrents.
- ② As data can be shared globally, it has diluted our own culture, people watch and more of foreign content than own country's own produce.
- ③ Torrents are excessively used for pornography downloads. Pornography is directly related to rape incidents.
- ④ Torrents also deliver viruses, malwares as most torrent sites are not regulated. This cause identity theft, phishing, etc.

Remarks

2½

However, torrents have positive aspects too like it allows for cheaper entertainment for those who cannot afford paying at theatres etc. It thus, is a tool to decrease inequality at least in some sectors.

In India, Supreme Court recently said that in India, Supreme Court recently said that Government cannot ban completely. Government has come out with rules that says that downloaders can't copy copyrighted or whose content which is not copyrighted or whose copyright has expired. It allows but downloaders copying copyrighted material data will attract punishments & fines.

Remarks:

- Q10. Cyber security world over has been subject to tyranny of few hackers groups, which are indirectly funded by the government agencies or criminal syndicates? Given that most of these groups are protected in their safe heavens, what steps could be undertaken to safeguard key information assets? (12.5 Marks)

Cyber Security has emerged as a major challenge for global countries more because it has no boundaries, is virtual and can attack real- assets.

Sparsely cyber warfare like StuxNET attack by USA or Iran operation 26 Janay by Pakistan on India.

Steps that should be taken to control cyber attacks should include:

- ① Pass a legislation regarding cyber attacks, defining it's types, punishments etc.
- ② Set up specialised institutions to act as Emergency response agencies in case of such attack.  
eg. CERT-in = computer emergency response team of India
- ③ Research & development in hacking etc. so that we could understand current trends in Computer Sciences & be better prepared to neutralise any attack

Remarks

Add more (Answers)  
few hints

4½  
+ 1/2

- (4) Cyber forensics to neutralise hardware seized from other countries.
  - (5) Designing & manufacturing critical hardware like Modems, Hard disk etc. in our territory to avoid pre-installed malwares etc.
  - (6) Defining Critical infrastructure which needs to be protected from cyber attacks like nuclear plants, Banks etc. India set up NCIIPC (National Critical Infrastructure Information Protection Center).
  - (7) Creating a dedicated work force working for cyber security.
- ~~e-gov, today with a UPI bI, biometrics use. it is more important to protect our cyber infrastructure.~~

Remarks:

Q11. India has often ignored some of its key strategic assets like ISRO for collaboration in arms development, discuss the reasons and suggest what shall be done? (12.5 Marks)

Government has envisaged DRDO (defence research & development organization) as the primary defense development agency. DRDO functions as autonomous body under ministry of Defence. It operates its experiments from a dedicated Island called Wheeler Island in Orissa. It has its group of scientists working on missile design etc.

ISRO is directly off Department of space which is under Prime minister's office. As such, both DRDO & ISRO are having different ~~connections~~ lineages. Their administration is completely separate.

However, their research function has overlaps like Space shuttle rocket uses same mechanics as does a missile. Both use explosives for fuel in missiles. Thus, there is high degree of collaboration that could be established between both.

DRDO's hallmark missile Agni has a range of less than 3000 km where as Chinese missiles can cover more than 12000 km. In such case,

Remarks: demand of question unaddressed

collaboration between ISRO & DRDO has of utmost significance.

Both can collaborate in communication technology.

It can help us DRDO in streamlining its maneuvering missiles & in creation of indigenous in-flight target changing missiles.

ISRO can learn from the explosive designs of DRDO & use them in its launch vehicles.

Thus, Both can synergize their function by coming together & make way for India to rise as a defense superpower.

Remarks

- Q12. What do we understand by enclaves in context of India-Bangladesh land boundary? Elaborate on the developments regarding enclaves after the historic land swap agreement with Bangladesh. (12.5 Marks)

Enclaves are small portions of territory of a country surrounded by the inside territory of other country. India holds enclaves by various enclaves of Bangladesh in states like Bengal, West Assam & vice versa.

Enclaves create an environment of help lessness among people residing in the region as the region gets isolated from country's mainstream economy & could not benefit from govt policies.

After years of deliberations, recent government (102 amendment) passes the Land boundary agreement bill in which India gave more than 15000 km<sup>2</sup> land to Bangladesh & intern received ~ 7000 km<sup>2</sup>.

People were given the choice to either leave India & go to Bangladesh or stay in the country & get citizenship. This process is continuing and we are providing citizenship to all those who are deciding to stay in India. government is doing efforts to provide them employment and other benefits.

write - benefit to citizen

Remarks

- issues that might arise in future

(2)

Remarks:

- Q13. Patriotism has been an issue of debate in India recently, particularly regarding the imposition of sedition act? Do you think imposition of such laws is relevant in 21st century; provide reasons in support of your answers? (12.5 Marks)

Sedition law is an archaic law first enacted by British government to suppress rising tide of nationalism. It is section 124A of IPC.

Sedition as defined means, "any act whether in spoken, writing or presentation, which incites hatred or brings/tries to bring contempt against government or tries to provoke or incites violence"

This definition is vague & ambiguous. It gives almost powers to government to suppress voice of people for almost any reason. As such it is against Article 19 (right to speech) & Article 21 (right to dignified life). It is ambiguity puts a question mark on political transparency & accountability.

As such Supreme Court in Kedarnath Case tried to decrease the ambiguity & laid that any act will be liable to sedition only if it creates or incites violence in the society.

Remarks - (Ans. lacks consistency although good in content)

A progressive democracy must listen to all its people - deliberation has to be the norm. Sedition, then, is a tool which is anti-democratic and must be removed or must be supplied by a ~~comprehensive~~ guideline on where it can be used. Its general gains more importance in this as current government enjoys full majority and can use its powers in virtually arbitrary manners without considering minorities & other oppressed groups.

To conclude, the need is to suitably amend the law to remove ambiguities of bringing suitable checks to ensure Executive doesn't misuse its provisions.

Remarks:

- Q14. The defence minister recently issued a statement that, do not except us to use stones in exchange of stones, our soldiers belong to 21st century and not pre-medieval times. Discuss the statement in context of Kashmir civil strife and analyze the government strategy for peacekeeping in Jammu and Kashmir? (12.5 Marks)

Recent Uri attacks by Pakistan saw an aggressive retaliation by Indian forces. The surgical operation is an apt decision by government law & order worldwide.

Kashmir issue except from the inconsistency in the boundary demarcation at LOC, historically, the accession treaty with Maharaja Hari Singh talked of a referendum after law & order is restored. Economically, the J&K area is not streamlined with Indian economy causing alienation feelings.

One about army & youth strife

In such scenario, government is moving very cautiously to deal with Kashmir problem. Some key initiatives are:

- ① Deployment of Army and giving it special powers under AFSPA to maintain law & order
- ② Development is the main step and government is giving heavy grant in aid to J&K government under Article 275 of Constitution (special grants)
- ③ Special temporary provisions as under A371 provides for J&K

(12)

Remarks

- demand of que - unaddressed

- 1) Powers with Governor to ~~not~~ take measures for peace, progress & development of region
- 2) Separate Constitution & citizenship etc.
- 3) most of the laws of center don't apply to J&K.
- 4) government is engaging in talks with the ~~enough~~ secessionist groups as talks alone are the solution, not use of force.
- 5) talks are on to setup SAARC university in J&K, setup Haats in J&K from Nepal, to enhance regional cooperation among SAARC countries.

Remarks

- Q15. There is a fear among law enforcement agencies that opening of IMT highway and BCIM corridor may give boost to narcotics trade in north-east, which already has higher rate of drug abuse. Discuss. (12.5 Marks)

Myanmar, Thailand & Cambodia constitutes the Golden Triangle, which is the area of production of drugs like opium etc. As such the hostile mountainous border of Myanmar have been heavily exploited to smuggle drugs into Indian territory under ~~unemployment~~ organised crime.

Act East Policy and to develop better trade prospects with South Asian countries, India is focusing on making the trilateral highway between India-~~Myanmar~~ Thailand from Moreh to Mae Sot & the BCIM corridor.

Both IMT & BCIM will provide much needed connectivity, boost tourism potential & help mainstream North East states thereby reducing their insurgent behaviour.

These Corridor will boost economic potential & will engage people in North East in productive work.

As such, psychological concepts say that ~~less~~ engagement decreases people need to rely on drugs to do some recreation.

Remarks

- border security

more over the borders will be tightly guarded & less chances exist of drugs smuggling via land Corridors.

China, Myanmar, Thailand's economy will be boosted by highways, as such it will provide resources to these governments to tackle drugs syndicates as these countries also want their people to be made free of drug addiction.

Remarks

- Q16. Better monsoon in India almost always means floods in some regions, discuss if there is any long-term solution to this problem? Similarly in short-run, agencies are always caught unprepared in wake of such disaster and armed forces have to be deployed. Critically analyse.

(12.5 Marks)

Flood affects 10% of Indian land (2nd A.R.C.).

Floods are cyclic in nature & mainly come in monsoon. However, man made floods are also seen in recent times due to so many unsatisfactory dam constructions.

Flash floods are even more disastrous & do heavy infrastructure damage. In short run, government seems unprepared due to lack of pre-disaster preparedness, shortage of man-power in NDRF (National disaster response force), lack of communication @ disaster time etc.

Short term preparation can only help us decrease the impact. The solution to flood problem has to be long run. Some long term strategies include

- ①. no construction in flood plains
- ②. a ban on large dams, small river run projects need to be administered
- ③. Soft-targets need to be made envisaged like
  - creation of embankments, levees to stop water spill over
  - Tree plantation to check water speed

2 1  
2 2

Remarks

- Interlinking of rivers
- Refurbish

- regular debilting of rivers, etc
- unplanned & unsustainable urbanization should be checked to prevent disaster amplification
- proper drainage map to be made before setting up new cities. Old cities should be encouraged to strengthen their drainage systems,

Remarks

Q17. The most of climate threats are global issues and are held hostage to the lack of international cooperation. However, there still are many local issues, which can be addressed by a country at a relatively low economic cost. Discuss. (12.5 Marks)

(Q17)  
 Climate change is a global concern more specifically for Tropical countries, Small Island nations etc.

Paris Summit talked of INDCs & CDR.  
 World bank is giving aids to Small Island countries to mitigate & adapt to changes in climate.

However, a country can take several steps to tackle effects of climate change some of these are:

① Create its own disaster management force to tackle rising intensity of disasters due to CC.

② do vulnerability mapping to demarcate areas which will be severely impacted due to CC like coastal areas.

③ Plantation of more & more mangroves on Coasts

④ Put Early warning system in place to notify cyclones etc.

⑤ To tackle rising sea level problem, government can slowly start resettling population residing in immediate coast line.

Ques. — Local issues — Local solution

Remarks

e.g. Flood

Night Dug irrigation; Water harvesting

- ⑥ Disaster preparedness training to local population needs to be prioritized at priority.
- ⑦ Government should encourage climate resilient cropping, organic farming to ensure food security in case of CC.
- ⑧ Allied agricultural activities must be boosted like horticulture
- ⑨ Irrigation infrastructure should be enhanced to tackle monsoon fluctuations due to CC
- ⑩ flood plains should be kept untouched to decrease flood impacts.
- ⑪ government should be prepared with satellite telephones, helicopter squads to do speedy rescue search operations.
- ⑫ Post disaster preparedness needs to be enhanced

Remarks

Q18 Whenever there are heavy rains in metro cities, it leads to water clogging and traffic issues, recently routine office work was disrupted for few days in the cyber city Gurgaon. Discuss and elaborate if there shall be a national level agency to deal with water clogging issues and monitor the drainage and cleaning system in pre-monsoon season.

(12.5 Marks)

elaborate  
why?

A democracy functions best when both top-down & bottom-up model for work in synergy. In this context, setting up a national level agency can be envisaged to deal with urban drainage system. This has to be designed keeping following duties:

- ①. Maintaining strict vigilance on ~~municipal~~ municipal Corporations regarding drainage system maintenance & enhancement
- ②. It should have an expert panel to design & recommend drainage maps & networks to new cities being crafted like the upcoming smart cities around original ones.
- ③. It should be given power to impose penalties on defaulting municipalities. (It may not be feasible) under const. case

2/2

However, municipalities are state subject, drainage also falls under state. So, it will need constitutional amendments to give such powers to this body. Much more can be done in this regard.

Remarks Refer hint for understanding

on lines of NHA which regulates national highways.  
The cities which are more prone to flooding,  
their drainage can be ~~more~~ put under central  
control through this new agency.

This agency should not dictate municipalities. Municipalities  
should be allowed to function independently ensuring  
~~coordinating~~ bottom-up decision making. The agency will only  
intervene in case of gross neglect by the  
municipalities & the agency could provide expert  
advice to them to better the drainage.

Remarks

- Q19. What are elementary requirements regarding disaster management in Coastal area. Explain what practical difficulties are experienced by administration in managing disaster mitigation in Coastal areas in our country? (12.5 Marks)

Disaster management (DM) in coastal areas needs to be guided by following:

- ① Pre-disaster planning
  - Vulnerability mapping
  - mapping of all population clusters
  - Construction of cyclone houses
  - " " embankments to stop over spill over etc.
  - Preparedness
- ② In disaster procedure
  - Satellite telephony for communication
  - Search & rescue operations
  - First Aid
- ③ Post disaster procedure
  - rehabilitation & resettlement
  - Preventive measures to be strengthened

In case of Coastal regions, the problems faced by administration in managing migration are:

- ① ~~people are~~ Highly Congested urban areas like Vizagapatam, Kolkata etc. The urban density cause disaster amplification.

3

Remarks

- ② Other coastal areas are so weakly populated that cost-benefit analysis of disaster mitigation does not allow much action.
- ③ Coastal areas are vast in India, whole Eastern boundary is prone to cyclones. Cyclones bring instantaneous flooding, Thunder storms, it is difficult to mitigate these immediate consequences.

Remarks

Q20. What is the significance of damage assessment in managing disasters. What are its essential features? (12.5 Marks)

Remarks

Remarks