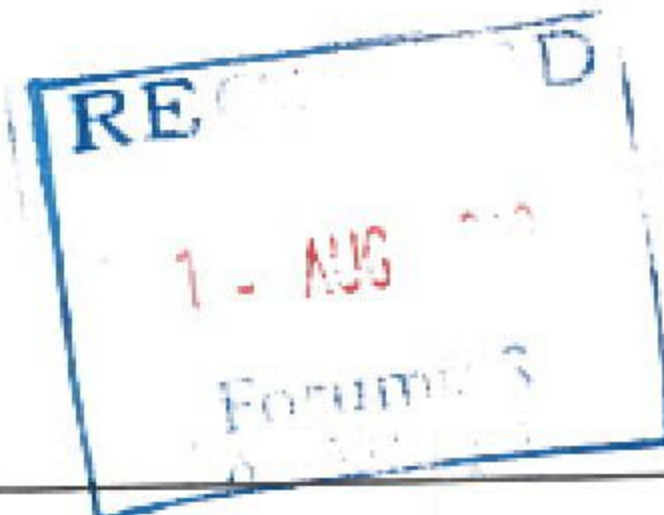


Test Code: 21096



FIAS - 2019 - GS3C/7E/19C/27B

ForumIAS  
MGPQ13849

# ForumIAS

## ACADEMY

### GENERAL STUDIES

Name Of Candidate	VIDHU SHEKHAR		
Email Id.		Roll No.	1910002026
Mobile No.		Date:	10-8-19

Time Allowed: Three Hours

Maximum Marks: 250

INDEX TABLE			INSTRUCTION	
Q. No.	Max. Marks	Marks Obtained		
1			<p>1. Please do furnish Name, Email, Roll No and Mobile in the answer sheet.</p> <p>2. There are TWENTY questions printed in ENGLISH, all questions are compulsory.</p> <p>3. The number of marks carried by a question/part is indicated against it.</p> <p>4. Answers must be written in the medium authorized in the admission Certificate, which must be stated clearly on the cover of this Question-Cum-Answer (QCA) Booklet in the space provided.</p> <p>5. Word limit in questions, if specified, should be adhered to. Any page or portion of the page left blank in the Question-Cum Answer Booklet must be clearly Struck off.</p> <p><i>Any specific messages for ForumIAS Mentors/Evaluators with respect to your copy? Write it here.</i></p> <p>-----</p> <p>-----</p> <p>-----</p> <p>-----</p> <p>-----</p>	
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<b>Total Marks:</b>				
<b>Remarks:</b>			Start Time   2:15	End Time   6:15
			Mode Of Examination :	Online <input type="checkbox"/> Offline <input type="checkbox"/>
			ECN CODE:	Evaluation Date:

<b>Parameters</b>	<b>Excellent</b>	<b>Very Good</b>	<b>Good</b>	<b>Average</b>	<b>Poor</b>	<b>Very Poor</b>
Language						
Structure						
Presentation						
Handwriting						
Content						
Attempt						

ADDITIONAL COMMENTS

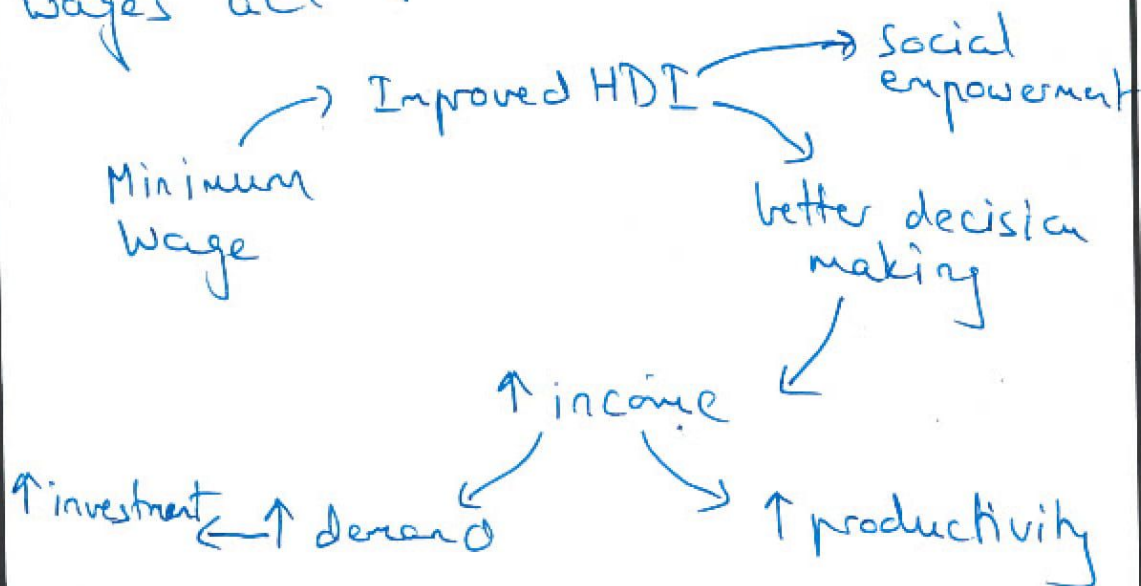


7 Mins	9 Mins	11 Mins
Apt Time Allocation		

**Q.1)** India needs an effective minimum wage policy that targets the vulnerable bottom rung of wage earners to help in driving up aggregate demand and building and strengthening the middle class, and thus spur a phase of sustainable and inclusive growth. Discuss.

(10 Marks, 150 Words)

Minimum wage is the minimum remuneration that an individual should receive to enable a dignified life. Currently governed by minimum wages act



## ISSUES IN CURRENT MINIMUM WAGE

- Min Wage Act 1948 has less coverage of industries
- Wages very low
- Not enforced in most industries
- No grievance redressal

## WHAT IS NEEDED

- ① National Minimum Wage with 5 different wages for different regions (Economic survey 2018-19)
- ② Increasing the coverage of industries
- ③ Use of technology for oversight
- ④ Grievance redressal portal
- ⑤ Regular inspection
- ⑥ Minimum wage should be inflation indexed

Thus a progressive minimum wage framework would help achieve the aspiration of inclusive growth

### Feedback ( For OFFICE use only )

Structure		Content	
Question Interpretation		<b>Total :</b>	



7 Mins 9 Mins 11 Mins  
Apt Time Allocation

ForumIAS

(Don't Write anything in this Area)

Q.2) Improved efficiency of livestock, with its various commodities and service products, is crucial to achieving sustainable agricultural development and food security. Discuss.

(10 Marks, 150 Words)

India has 51 crore livestock according to 2012 livestock census thus forming a backbone of the agrarian economy

### IMPORTANCE OF LIVESTOCK IN ACHIEVING SUSTAINABLE AGRI GROWTH

- ① Protein supply: Milk forms an essential component of rural protein
- ② Used as insurance: To protect farmers in cases of drought/distress
- ③ Ploughing: The cattle are essential for ploughing by poor farmers
- ④ Augment income: According to NABARD All India Financial Inclusion Survey, 8% of income is derived from livestock
- ⑤ Cooperatives like AMU ↑ remuneration of farmers

## ISSUES IN LIVESTOCK

- ① Low yield : Current bovine yield is much lower than world average
- ② ↓ land for pasture
- ③ Older cattle management issue
- ④ Zoonotic diseases eg FMD
- ⑤ Declining traditional varieties of cows

## WAY FORWARD

- ↑ yield by developing genetically ~~high~~ hybrid cows under National Bovine Breeding program
  - Access to high quality fodder
  - Developing gaushalas for older cows
- Thus livestock has an essential role of to play in doubling farm income.

Feedback ( For OFFICE use only )

Structure		Content	
Question Interpretation		<b>Total :</b>	



7 Mins 9 Mins 11 Mins  
Apt Time Allocation

ForumIAS

(Don't Write anything in this Area)

Q.3) The Make in India, stuck in the judicious mix of economic prudence and administrative reforms, is yet to take off. Analyse. (10 Marks, 150 Words)

Make in India is an ambitious flagship program launched to ↑ India's manufacturing share from 15% to 25% and create 100 million jobs.

### UNDER PERFORMANCE OF MAKE IN INDIA

#### Economic prudence

- Investors are treading cautiously with decline in global trade
- With slowdown in growth in several quarters ↓ investment
- Lack of <sup>ful</sup> capacity utilization of current factories preventing investment
- Economic policy uncertainty in several sectors such as renewables (charging of PPA) etc reducing investment

## Administrative reforms

- GST and demonetization reduced demand
- GST has further complicated tax filling according to CAG audit
- The labour reforms are yet to be implemented
- Infrastructural reforms such as smart city etc lagging

Thus these reasons led to manufacturing still being stagnant at ~15% and FDI in manufacturing being <30% of total FDI

However there have been positives:

- ~~100%~~ 100% FDI have been implemented in most sectors
  - 2nd largest manufacturer of mobile phones
  - Interest shown by Boeing, Lockheed Martin to begin manufacturing in India
- Thus, need of hour is to focus on make in India to achieve desired goals

Feedback ( For OFFICE use only )

Structure		Content	
Question Interpretation		Total :	





7 Mins 9 Mins 11 Mins

Apt Time Allocation

ForumIAS

(Don't Write anything in this Area)

Q.4) Discuss the 10-point vision presented in Union Budget 2019 - 20. Why it is important for Ease of living? (10 Marks, 150 Words)

Budget 2018-19 laid out a 10 point vision to achieve the goal of a prosperous and sustainable Economy

• Investment in infrastructure

In roads (via Bharatmala, PMGSY), waterways (Inland waterways via Jal Vikas Marg) and airway (Regional Connectivity scheme)

• Focus on digital India

Increasing infrastructure (BharatNet) as well as literacy and using it in governance

• Pollution free Environment

By implementing solid waste rules, making ganga pollution free. (Namami Ganga)

## Clean Energy

By focusing on renewables and Electric mobility

## Blue Revolution

Focus on ↑ fishing production (currently BMI), deep sea mineral exploration, desalination plants

## Food security

Improve access to food as well as exports

## Make in India

To achieve growth of 25% in mfg and focus on Industry 4.0

**IMPORTANT FOR EASE OF LIVING**

- Improves quality of life
- Boost per capita income
- Vision of New India
- Sustainable future for coming generations

Feedback ( For OFFICE use only )

Structure		Content	
Question Interpretation		Total :	



7 Mins 9 Mins 11 Mins  
Apt Time Allocation

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(Don't Write anything in this Area)

Q.5) "India needs a clear intellectual property rights regulation to attract foreign investment." Discuss. (10 Marks, 150 Words)

Intellectual property rights help preserve innovation and promote investment in research.

### INDIA IPR FRAMEWORK

- Patents Act 1970
- Copyrights Act 1957
- GI Act 1999
- Plant variety protection (PPVFR 2002)
- Industrial designs act 2000
- National IPR policy

Thus India has a comprehensive set of laws covering different aspects of IPR. However there are issues

### ISSUES IN IPR

- Section 3(d) of patents act

prevents overpiling of patents  
thus causes issues (eg Gilead - Novartis case)

- Compulsory licensing : Allows Indian company to manufacture at less cost (Resented by MNCs eg Bayer - Nexavar case)

- Frequent violations : Flagged by USTR in Special 301 report

- Low awareness : Regarding IPR laws amongst masses

## WAY AHEAD

- Implement objectives as envisaged in National IPR policy of ↑ awareness, promoting IPR generation

- Stronger inspection regime

- Punishment of violators

Thus strong IPR laws implementation can help shift towards knowledge based economy

Feedback ( For OFFICE use only )

Structure		Content	
Question Interpretation		Total :	



7 Mins 9 Mins 11 Mins  
Apt Time Allocation

ForumIAS

(Don't Write anything in this Area)

**Q.6)** The anti-satellite mission has put India in a minimum league of nation that possesses the technique. Explain anti-satellite technology and India's Mission Shakti test.

(10 Marks, 150 Words)

India tested its anti satellite missile in March 2019 by striking down a test satellite in low earth orbit. It was done by a Ballistic Missile Defence Interceptor jointly developed by DRDO and ISRO

India is only the 4th country to achieve this feat

### ANTI SATELLITE TECHNOLOGY

- To strike down adversarial objects in low Earth orbit (200km - 2000km)
- Uses multistage missile
- Can disrupt enemy communication and other critical features
- The debris caused can create problems such as Kessler's syndrome

## SIGNIFICANCE OF TEST

- Missile development prowess of DRDO exhibited
- Deterrence effect on other countries
- Did test before PAROS came into effect (to prevent militarization of space)
- Debris by test would decay in few days as compared to tests of other countries
- Helps bolster security in space realm

Thus India's Mission Shakti test proved its capability to defend in the emerging 4th dimension of warfare.

### Feedback ( For OFFICE use only )

Structure		Content	
Question Interpretation		Total :	



7 Mins 9 Mins 11 Mins  
Apt Time Allocation

ForumIAS

(Don't Write  
anything in this Area)

Q.7) Blockchain is a global, shared, incorruptible and hence trusted ledger of economic transactions. Elaborate in context of its application in governance.

(10 Marks, 150 Words)

Blockchain is a decentralized ledger that has far reaching applications.

## APPLICATIONS IN GOVERNANCE

### Land Records

As land records frequently suffer from mutations, blockchain can help address it Eg Andhra Pradesh using it

### Supply Chain Management

In tracking progress of goods across the value chain to prevent leakages

### Medical Records

As currently different doctors

prescribe different medicine and lack of medical history available, Block chain can help by creating centralized medical record history

## Education

Can be used to create an unbreakable and non tamperable link of educational records

## Banking

Can help ~~to~~ by preventing frauds by utilizing ~~the~~ non tamperable credit history

## Administration

~~to~~ Can be utilized to create non immutable chain of files to prevent losses/frauds.

Feedback ( For OFFICE use only )

Structure		Content	
Question Interpretation		<b>Total :</b>	





7 Mins 9 Mins 11 Mins

Apt Time Allocation

ForumIAS

(Don't Write anything in this Area)

Q.8) India has moved ahead from disaster mitigation to risk reduction in disaster management. Analyze. (10 Marks, 150 Words)

Mitigation involves reducing the impact of disaster while risk reduction involves improving our preparedness and minimizing the possibility of disaster by proactiveness

### INDIA'S SHIFT

- Robust legal and institutional framework
  - Eg NDMA 2005
  - NDM Policy 2016
  - NDMA guidelines for various disasters
- Conferences and workshops to improve capacity for risk reduction
  - Asia ministerial Conference on Disaster risk reduction 2016
  - International Conference on Disaster resilient infrastructure.

- Usage of technology to predict ~~disasters~~ hazards
  - eg → INSAT for cyclone detection
  - buoys in ocean by INOT for earthquake
  - INCOIS for processing data
  - Dynamic weather modelling via supercomputer

- Retrofitting of buildings to improve disaster resilience

- Synergising roles of different ministries and department (~~the~~ horizontal integration) and across Centre-state-Local bodies (vertical integration)

Thus India is shifting towards disaster risk reduction to help achieve the goals under Sendai Framework

**Feedback ( For OFFICE use only )**

Structure		Content	
Question Interpretation		<b>Total :</b>	



7 Mins 9 Mins 11 Mins

Apt Time Allocation

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(Don't Write anything in this Area)

**Q.9)** There is an urgent need for climate-smart agriculture due to global environment and climate change situation. Comment. Also, discuss how climate-smart agriculture can be made affordable to farmers in India. (10 Marks, 150 Words)

Climate Smart agriculture is a process via which agriculture impact is minimized on environment and it is made resilient to environmental stress.

### URGENT NEED

- According to Eco Survey 2017-18 climate change can reduce farmer income by 20-25%.
- Large scale soil deterioration (30% India's land degraded)
- Declining water table: 256 districts are in acute groundwater stress
- ↑ in global temp → ↓ productivity  
→ mortality of microbes  
→ alter rainfall

## How To MAKE AFFORDABLE

- By giving subsidies eg on Solar pumps in KUSUM scheme
- ↑ private participation to bring economies of scale
- ↑ income of farmers via Solar Trees on fallow land (As suggested by Ashok Gulati)
- Viability gap funding for research into climate smart agri
- Scaling up of drought resistant seeds developed by Agri Universities, PUSA etc
- ↑ FPOs to increase bargaining power

### Feedback ( For OFFICE use only )

Structure		Content	
Question Interpretation		Total :	