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28 AUG 2019

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ACADEMY

Test Code: 21092

FIAS – 2019 – GS3E/23B/15C

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MGPO17252**ForumIAS**
ACADEMY**GENERAL STUDIES**

Name Of Candidate	JYOTI YADAV		
Email Id.		Roll No.	1910033884
Mobile No.		Date:	28 Aug 2019

Time Allowed: Three Hours

Maximum Marks: 250

INDEX TABLE			INSTRUCTION		
Q. No.	Max. Marks	Marks Obtained	<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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Remarks:			Start Time 4:15 pm	End Time 7:15	
			Mode Of Examination :		Online <input type="checkbox"/> Offline <input type="checkbox"/>
			ECN CODE:		Evaluation Date:

Parameters	Excellent	Very Good	Good	Average	Poor	Very Poor
Language						
Structure						
Presentation						
Handwriting						
Content						
Attempt						

ADDITIONAL COMMENTS



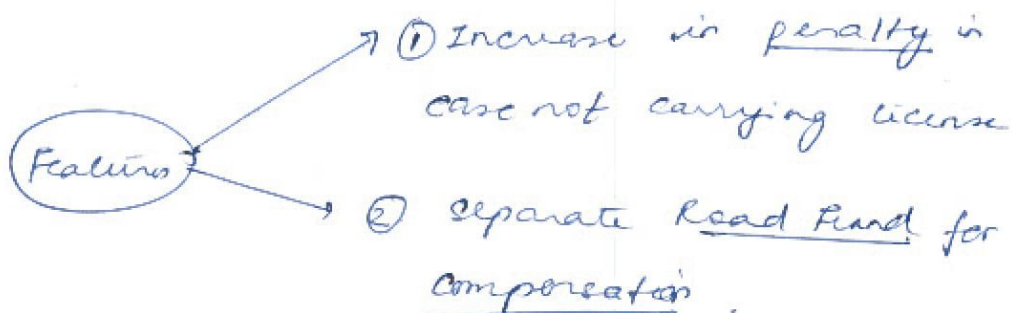
Q.1) United Nations had promulgated the UN Decade of Action targeting to reduce road accidents by 50% by the year 2020. In this light, evaluate how far can the recent amendments in the Motor Vehicle Act, 1988 be able to prevent accidental deaths on Indian roads? (10 Marks, 150 Words)

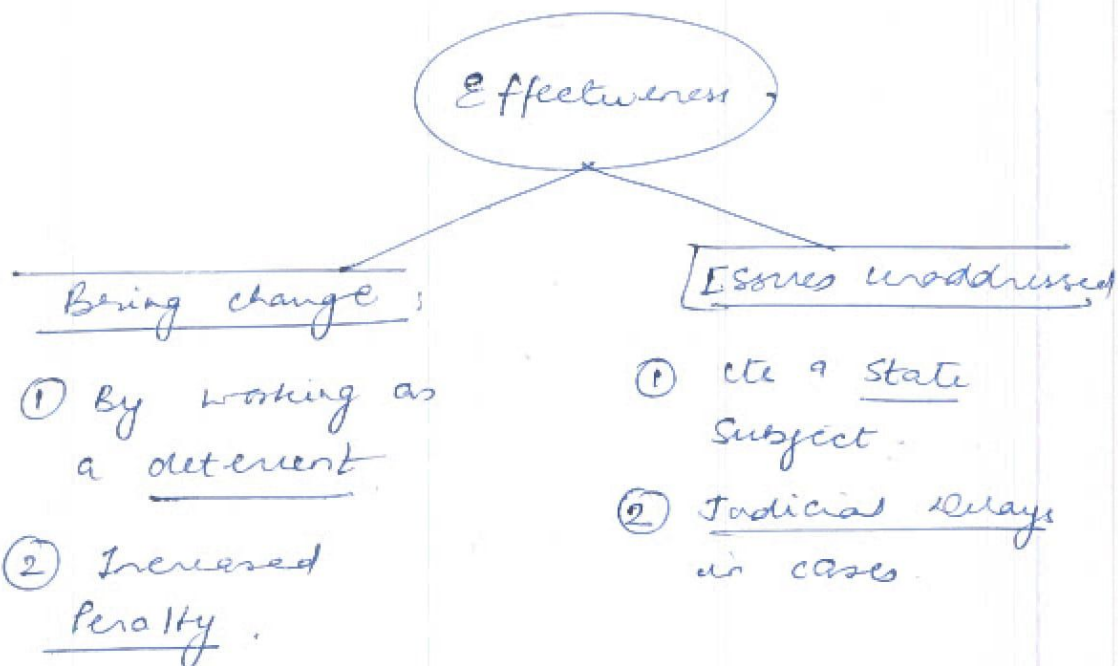
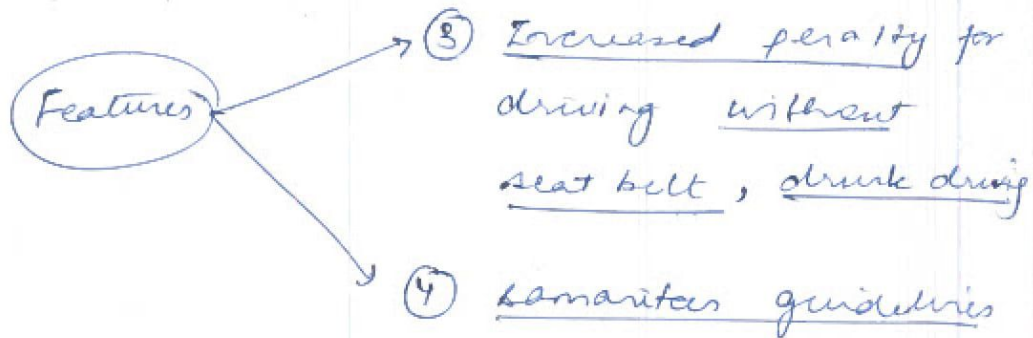
Road accidents are fatal, continues to be a major reason behind unnatural death globally.

To address it globally, UN aims to achieve the Target to reduce accidents by 2020 ~~7~~, by 50%.

India:

To address this government, brought amendment to motor vehicle Act 1988 :-





In the long run, we need to address infrastructural deficiencies - blind spots, that are more prone to accidents, to address the issue holistically.

Feedback (For OFFICE use only)

Structure		Content	
Question Interpretation		Total :	



Q.2) Examine recent changes in the E-commerce policy of the government of India and its impact on e-commerce space. (10 Marks, 150 Words)

Feedback (For OFFICE use only)

Structure		Content	
Question Interpretation		Total :	



Q.3) "If APMCs do not reform themselves, they will soon become obsolete." Comment. Also, highlight the government interventions in this regard.

(10 Marks, 150 Words)

APMC's refer to notified mandi area, where farmers sell their produce to traders. This is done to protect farmers from distress sale, & improve bargaining power.

However, of late, APMC's have become a tool of Harassment of farmers, as explained below:

- ① Farmer Exploitation: Through forcing them to make a distress sale.
- ② Market Distortion
- ③ Lack of infrastructure: only $\frac{1}{4}$ APMC's have drying yards & $\frac{1}{10}$ th have cold storage.
- ④ Domination of local politicians.
- ⑤ Intermediaries, who levy multiple charges.
- ⑥ Cascading Effects through mandi Tax, fee etc.

Therefore, APMCs need to reform themselves, otherwise they will become obsolete, as it creates above listed problems.

REFORMS:-

- ① Improvement in infrastructure - cold storage etc
- ② Elimination of intermediaries.
- ③ Single license.

GOVERNMENT INITIATIVES:

- ① E-NAM: It unifies APMCS' through an online platform.
- ② model contract Farming Act 2018
- ③ Negotiable Warehousing receipt System as recommended by Shanta Kumar committee

Crang forward, government should aim at expanding APMC network by including Temporary mandis also, on the e-NAM platform.

Feedback (For OFFICE use only)

Structure		Content	
Question Interpretation		Total :	



Q.4) Discuss the importance of micro irrigation in enhancing water use efficiency in agriculture in India with special focus on dryland agriculture.

(10 Marks, 150 Words)

Irrigation is timely availability of water at regular interval for the growth of crops.

Water Use Efficiency:

As pointed out by NITI Aayog, it is important to shift focus from land productivity to water productivity, as land becomes more & more scarce.

Currently India Irrigation Sector faces CHALLENGES:-

- India is a net water exporter
- Water deficient country with per capita availability less than 1700 cubic metres
- Use of uneconomic practices like flood irrigation.
- Distorted cropping pattern, where water guzzling crops - sugarcane, rice are grown.

In this context, Water-Use efficient Techniques are important, like: micro-irrigation.

Advantages of micro-irrigation :-

- Less water consumption
- Higher efficiency
- retention of soil moisture.

Dryland agriculture :-

It is the practice of growing crops that use less water - Pulses, millet & therefore are suitable for dry regions.

In the long run, it is important to achieve "Hai Khet to Puri" & "per drop more crop" to address irrigation issues. Adopting new technologies like system of rice intensification, alternate wetting & drying technique is the right step.

Feedback (For OFFICE use only)

Structure		Content	
Question Interpretation		Total :	

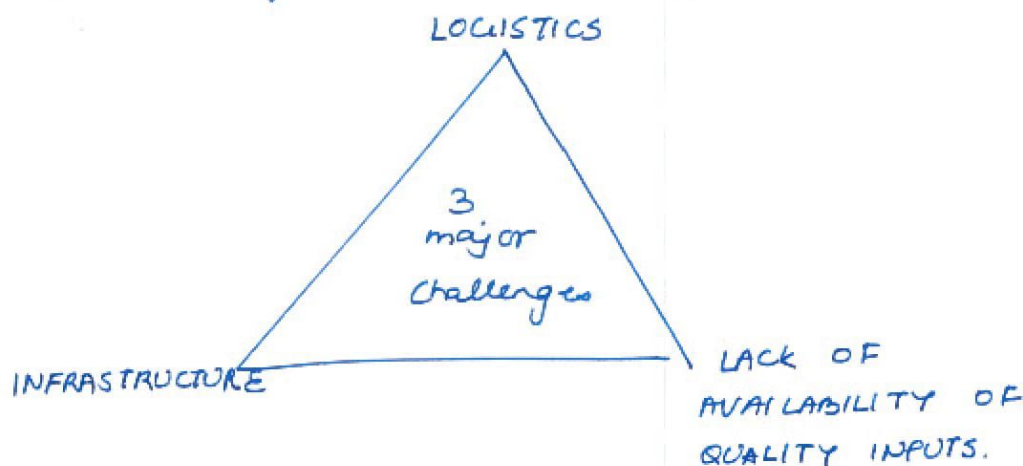


Q.5) The food processing industry is affected by logistical challenges. How can the contract farming provide a sustainable solution to this problem?

(10 Marks, 150 Words)

Food processing industry is a survive industry sector, which has potential of about \$121 billion & employment generation of about ~~30 million~~ 9 million (ASSOCHAM report)

However, the sector is impacted by various challenges like :-



Logistics Challenges :-

- There is lack of availability of connectivity.



- CHALLENGES:-**
- ① Lack of availability of Transport.
 - ② Timely Delivery of Perishables is not there.
 - ③ Rejection on ground of substandard Quality.

- ① Dependence on road
- ② Perishables are wasted
- ③ Dominance of supermarket

Role of contract farming

- ① certainty of Purchase.
- ② Availability of Quality inputs.
- ③ Availability of Extension Service.

- ① Use of technology like tracking, maintenance of online database.

To address the problem of logistics sector, we need to focus on holistic approach.

Feedback (For OFFICE use only)

Structure		Content	
Question Interpretation		Total :	



Q.6) Highlight the advantages and limitations of lithium ion battery. Discuss the environmental concerns associated with lithium ion batteries.

(10 Marks, 150 Words)

ISRO has announced that it will share its advanced lithium ion battery technology with the private sector.

Advantages

- ① Energy security
- ② Electronics : Better efficiency over conventional Battery.
- ③ E-vehicles

Limitations

- ① India is dependent on other countries for imports, particularly China.

Environmental Concerns :-

① There are concerns with respect to scientific disposal.

② Pollution.

To address the lacunae, we should increase R & D expenditure, to come up with solutions.

Feedback (For OFFICE use only)

Structure		Content	
Question Interpretation		Total :	



Q.7) What is GDP deflator? Should GDP deflator be the anchor for inflation rather than CPI and WPI ? (10 Marks, 150 Words)

GDP deflator is a measure of inflation, to assess the real picture of the GDP.

$$\text{GDP Deflator} = \frac{\text{Nominal GDP}}{\text{Real GDP}}$$

• GDP deflator is a better measure of inflation because :-

Comparison:

<u>Parameter</u>	<u>GDP Deflator</u>	<u>CPI/WPI</u>
① No. of items	All sectors included in <u>GDP calculation</u> .	• <u>Fixed items</u> . • Primary secondary goods
② Representativeness	more representative	• Less
③ core inflation	Individual Sector based inflation not calculated	core inflation is based on <u>core sectors</u>

Therefore, GDP deflator is a better measure over CPI / WPI in terms of representativeness.

However CPI offers advantages :-

- ① Sector wise Data : facilitates Better targeting.
- ② Inflation Targeting is based on it, as it is easy to control.
- ③ Reflects consumer choice, inflation faced by consumer.

Economics ^{requires} a multi-disciplinary approach to ensure holistic understanding of an issue.

In this regard, GDP deflator should be used to complement CPI / WPI.

Feedback (For OFFICE use only)

Structure		Content	
Question Interpretation		Total :	



Q.8) What do you understand by Kessler effect? What is its effect on Low Earth Orbital objects? (10 Marks, 150 Words)

Kessler effect refers to the particular effect of increase in space debris, as part of a cascading effect, where one object strikes the other.

India

India's ASAT mission, where a missile struck down microsat satellite brought the concerns with respect to Kessler effect into light.

CONCERNS:

- ① Breakdown of microsat will add to space debris.

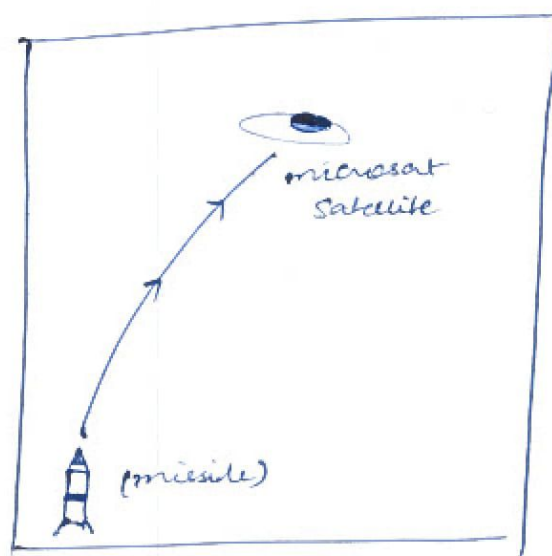


Diagram: ASAT mission

② It poses danger to ISS, other satellites, leo earth objects.

③ It can fall down on earth, as alleged by NASA. However, ISRO denied the possibility as the debris would get burnt down.

ASAT demonstrated

India's strategic capability.

Feedback [For OFFICE use only]

Structure		Content	
Question Interpretation		Total :	



Q.9) Non-banking financial companies (NBFCs), although an agent of financial inclusion at the grassroots level, increases systemic vulnerabilities many fold. Analyse.

(10 Marks, 150 Words)

NBFCs refer to alternate Banking institutions, that disperse credit but generally don't take deposits.

Agent of financial Inclusion:

- ① micro credit Institutions, make available credit at grass root level.
- ② Presence in remote areas where Banks are not present.
- ③ Because of local ties, they have wider acceptability in rural areas.
- ④ customised products for the unbanked.
- ⑥ Loan without collateral.

Therefore, it ensures financial inclusion of late, because of various problems facing the sector it has

brought systemic vulnerabilities.

Problem of NBFC

- ① Ponzi schemes
- ② IL & FS crisis
 - Short term credit used to finance long term project.
- ③ Issues with multiple & complex regulation
- ④ State laws

SYSTEMIC VULNERABILITY

- ① Hampers monetary policy transmission.
- ② negative impact on lending & erodes investor confidence
- ① Avoid regulations
- ② Frauds the poor consumers.
- ① no uniformity leading to complexity

to address such problems,

SEBI has tightened regulations on credit rating agencies, which is a right step.

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Structure		Content	
Question Interpretation		Total :	