SC rescues all orders on after 40-day marathon hearing

Appeals had challenged the three-way partition of the disputed site

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Not green, but greenwash (OPED)

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With onset of winter, rise in incidence of ‘Madras Eye’

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Kartarpur Corridor work going on round the clock

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China leases an entire Pacific island for 75 years

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Indigenous breeds record marginal rise

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Practice cum Revision - MCQs

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*C – Chennai; B – Bengaluru; D – Delhi; H – Hyderabad; T – Thiruvananthapuram
Not green, but greenwash

Technological solutions cannot combat ecological challenges

Amitava Jena & Ashish Singhavatya

From producing vertical wind to using renewable energy, businesses seem to be doing their bit, but is that really so? Or is it just an attempt to gain a sense of credibility for a project that otherwise damage the environment, and profit concept? In this age of information, it is difficult to distinguish between green and greenwash.

As if sharing a sustained and visually appealing campaign, the Ayurveda forest has been chopped down. Despite a number of alternative available sites for the Metro car park, the area has been chosen because of the least load. The push for the capital-intensive Forest has come at a time when the city’s bus service is being cut. Still, it is argued that the Metro is the only option to improve the city’s public transport.

Addressing the ecological crisis, the good news is that the state government has made a list of areas where it has to be done. However, the system itself is flawed, as there are no measures to prevent the spread of pollution. They are cutting down trees and are encouraged by the authorities as a defense against a rate that can double the carbon emissions and still in order to avoid catastrophe.

In this context, the article question is: does the Metro really replace cars? Or is it just another step to make the city more sustainable by reducing air pollution? That is to say, still true that most of the Metro car park will be used for parking cars, which will add to pollution. These issues make it clear that when a Metro arrives in a city, the city’s real problem—stormwater drainage—can take up the space that can be used by the Metro. But, the Metro is a good long-term solution, and with the right planning, it can be a one-stop solution for transportation issues.

Unfortunately, it is easily forgotten that it is possible to keep high-quality public transportation at the same time. Indeed, this is exactly what has been happening. People in India have to travel more and more because they are being offered a better lifestyle. And this leads to a massive increase in emissions. Other political parties support the Metro Car Park as a solution to the problem of emissions.

Part A—Preliminary Examination

Paper I - (200 marks)

Duration: Two hours

- Current events of national and international importance.
- General issues on Environmental ecology, Bio-diversity and Climate Change - that do not require subject specialization.

Part B—Main Examination

PAPER IV


- Infrastructure: Energy, Ports, Roads, Airports, Railways etc.
- Conservation, environmental pollution and degradation, environmental impact assessment.

⇒ Tree Authority of Municipal Corporation of Greater Mumbai - gave permission to MMRC for removal of trees - for construction of Metro Car Depot

- Authority constituted under Section 3 - The Maharashtra (Urban Areas) Protection and Preservation of Trees Act, 1975
- to remove 2185 trees
- MMRC - implementing Mumbai’s first fully underground Metro corridor - Colaba- Bandra - SEEPZ
- Supreme Court - Not to cut trees till October 21, 2019

⇒ Chipko Movement (1974)

- 1st major movement in Modern India to Save the environment
- local communities, predominantly women
  - organized in Reni, Mandal villages in Uttarakhand
- Women prevented felling of trees by timber contractors - by embracing the trees

Editorial:

- Green Vs Greenwash
- The defence of tree felling for metro depot will prevent increase in emissions - narrow view
Trees

- habitat to birds, microorganisms
- role in groundwater recharging
- Safeguard soil
- Improve air quality
- absorb carbon emissions
- mitigate GHG effect
- release oxygen

Aarey tree felling = Ecological crisis

Does the Metro really replace cars?

- No-car owners/users are not prominent metro train users
- Not much evidence - that with the introduction of metro trains, there is drop in car sales, particularly in acquisitive Society

if true - metro infrastructure shall not replace trees but replace space used by cars

People behaviour & Demand, Supply - Carbon Emissions

- technological solutions work by increasing the supply of G&S
  - in long run, consumption rises
- fuel - efficient cars
  - car owners take more trips than before - nullifying fuel savings

Tech solutions are no match to natural solutions - Hence, trees shall not be cut

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With onset of winter, rise in incidence of ‘Madras Eye’

Consulting an eye specialist and prompt treatment important, say doctors

Tackling conjunctivitis

- Symptoms include redness, swelling and watery discharge;
- Do not share towels, pillow cover
- Prevented by conjunctivitis caused by using clean, sterile and disposable lenses
- Wash hands frequently
- Wash eyes with warm water
- Consult an eye specialist, avoid self-treatment

During winter, Dr. Agarwal’s Eye Hospital, said the incidence of conjunctivitis was rising rapidly, especially among children in the city, following the onset of winter. Over 25% of their inpatients in the recent weeks were diagnosed with conjunctivitis, said in a press release.

Common symptoms: Conjunctivitis is usually a light or minimal infection of the conjunctiva - the thin, transparent, pink layer covering the surface of the eye ball, she said, adding that the common symptoms were irritation, watering, red eyes, sticky discharge and sensitivity to light. When the cornea is infected, it could result in blurred vision. She added that it was important to consult eye specialists for correct diagnosis and prompt treatment, avoiding self-medication.

Conjunctivitis was highly contagious, and could easily spread from one person to another. Care should be taken not to use personal belongings, such as towels and pillow covers, of those affected with conjunctivitis, as the infection can be prevented.

Dr. Anand Velina added a child was affected with conjunctivitis, it was important to stay away from school so that it does not spread to others. “Wash the eyes with warm water. Consult an ophthalmologist and get eye drops to cure the condition,” he said.

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Paper I - (200 marks)

- Current events of national and international importance.
- General issues on Environmental ecology, Bio-diversity and Climate Change - that do not require subject specialization.
- General Science.

Part B - Main Examination

PAPER-III

General Studies- II: Governance, Constitution, Polity, Social Justice and International relations.

- Issues relating to development and management of Social Sector/Services relating to Health, Education, Human Resources.

PAPER-IV


- Conservation, environmental pollution and degradation, environmental impact assessment.
News:
* Rise of no of patients reporting symptoms of Conjunctivitis in Chennai

Conjunctivitis:
* Refers to diverse group of disorders characterised by the inflammation of Conjunctiva
  * becomes inflammed, red and irritated
* Also known as ‘Pink eye’, ‘Red eye’ and ‘Madras eye’ (Adenovirus)

* Occurs worldwide - Sporadically & Epidemiically
* Most varieties → Self- limited
  * Some varieties → Severe complications
* leads to Ocular morbidity, loss of work place efficiency, etc.
* Affects all ages & Social strata

* Symptoms
  - Congestion of eye
  - pain
  - discharge from eye
  - lid edema
  - Gritty sensation of the eye

Causes
* Viruses, bacteria and allergens
  * Common causes
* Other Causes
  - Chemicals
  - Wearing contact lens
  - foreign bodies in eye
  - indoor / outdoor air pollution
  - fungi, amoeba, parasites

Viral Conjunctivitis:
* Caused by virus such as Adenoviruses
  * temperate climate virus is active
    * Spring, early summer & mid- winter
* Very contagious
* Treatment → Anti-viral medication (Serious injection)

Bacterial Conjunctivitis:
* Caused by bacteria (Staphylococcus aureus, Streptococcus pneumoniae, etc)
* Contagious
* More common in kids
* Observed more frequently in December to April
* Treatment → Antibiotic

Allergic Conjunctivitis:
* Caused by result of body’s reaction to allergens
  - Pollen
  - Molds
  - Medicines
  - dust mites
  - Dander from pets
  - Cosmetics
* NOT contagious
* Occurs seasonally also throughout the year
Conjunctivitis caused by Irritants:

* Irritation by foreign body in eye or contact with smoke, chemicals, etc.
* NOT contagious

Transmission of Conjunctivitis:

* Person to Person
  - personal contact, through air (Coughing & Sneezing)
  - touching eyes without washing hands
**Kartarpur Corridor** - Between India and Pakistan
- **Occasion**: 550th anniversary of Guru Nanak
- **Corridor**: Dera Baba Nanak → Kartarpur Sahib, Punjab, India → Pakistan
- **Visa free visit**

**India**: More than 15,000 km International Land Border
- Several entry and exit points
- Integrated Check Posts (ICPs)
  - Houses agencies like Immigration, Customs, Border Security, etc.
  - Trade facilitation - banking, warehouses, currency exchange counters, etc.
- Coordinated by LPAI.

**Land Port Authority of India (LPAI)**
- **Statutory Body** - LPAI Act, 2010
- Under Ministry of Home Affairs
- **Mandate of LPAI**:  
  - Develop, maintain ICPs
  - Regulate functions of agencies
  - Coordinate with other ministries

**Land Port** → Areas on International Borders
- Roads - notified as Land Customs Station or Immigration Checkposts - Customs Act 1962 or Foreigner's Act - 1946
- Railways - facility for clearance and transport of passengers and goods - across border

**Alternate road for pilgrims - constructed by India**
- Passport - Only valid document
- Discussion on
  - Pakistan levying fee from pilgrims
  - Relaxation of Security norms
China leases an entire Pacific island for 75 years

State company secures development rights for Tulagi Island

The island of Tulagi served as a youth Pacific headquarters for Britiains and then Japan during Second World War. In actual deepwater habitat across from Guadalcanal made a military garrison right in the dead sea. New Tulagi port on the Solomon Islands. It is almost move into Chinese hands.

News:
- China leases an entire Pacific island for 75 years
- Pacific islands: geographical location, classification and their strategic importance
- Tulagi island (Solomon Islands)
- Pacific islands: Micronesia, Melanesia, Polynesia
- Oceania continent or Region = Australia & Pacific islands

Part A—Preliminary Examination

Paper I - (200 marks) Duration: Two hours
- Current events of national and international importance.
- Indian and World Geography: Physical, Social, Economic Geography of India and the World.

Melanesia:
- North of Australia that borders Australia
- Example:
  - Fiji
  - New Caledonia (Tulagi Island)
  - Vanuatu
  - Papua New Guinea, etc.

Micronesia: (Micro - Small in size)
- Located North of Solomon islands & Papua New Guinea
- Composed of Coral origin
- Eg: Kiribati, Marshall Islands, etc.

Polynesia: (Poly - Many)
- Largest region of the Pacific
- Example: Hawaiian islands (North)
  - Easter islands (East)
  - New Zealand island (South)
- Created innovative maps
Strategic importance:

* Geographical location - Rich Natural resources
* Infrastructure for civilian and military use

Indigenous breeds record marginal rise

Foreign cattle grew 32%, says Census

SPECIAL CORRESPONDENT

The Census drive to increase indigenous breeds of cattle seems to have had little impact among cows kept for dairy purposes, according to data from the 20th Livestock Census released on Wednesday. There are 4.38 crore male (bulls) and 2.87 crore female (cows) in the country, less than 23% higher than the 3.50 crore population in the last census in 2011.

Part A—Preliminary Examination

Paper I - (200 marks)  Duration: Two hours

- Current events of national and international importance.
- Economic and Social Development—Sustainable Development, Poverty, Inclusion, Demographics, Social Sector Initiatives, etc.

Part B—Main Examination

PAPER-III

General Studies-II: Governance, Constitution, Polity, Social Justice and International relations.

- Government policies and interventions for development in various sectors and issues arising out of their design and implementation.

PAPER-IV


- Issues related to direct and indirect farm subsidies and minimum support prices; Public Distribution System—objectives, functioning, limitations, revamping; issues of buffer stocks and food security; Technology missions; economics of animal-rearing.
**20th Livestock Census - 2019**

**Livestock Rearing**
- One of the most important economic activity in rural areas
- Supplementary income

**Livestock Census**
- Started in 1919-1920
- 20 censuses till now
- by Department of Animal Husbandry and Dairying; Ministry of Fisheries, Animal Husbandry and Dairying

**Important Findings**
- Total Livestock: 535.78 million - 4.6% increase since 2012
- Total Cattle: 192.49 million - 0.8% increase
- Female Cattle Population: 145.12 million - 18% increase
- Exotic/crossbred cattle: 50.42 million - 26.9% increase
- Indigenous/non-descript cattle: 142.11 million - 6% decline

4.85 crore desi milk cows - less than 1% increase
2.5 crore exotic and crossbred cattle - 32% increase

**Rashtriya Gokul Mission**
- Under National Programme for Bovine Breeding and Dairy Development
- Implementation: State livestock departments, ICAR, universities, colleges, NGOs, etc

**Objectives:**
- Conservation of Indigenous breeds
- Enhancement of milk production
- Upgradation of non-descript cattle, etc.

**Important Components:**
- Gokul Gram
- Gopal Ratna
- Gopalan Sangh
- Kamadhenu, etc.
Practice Question – Prelims

Q1. Consider the following statements with reference to Conjunctivitis.

1. All forms of conjunctivitis are contagious in nature.
2. Conjunctivitis is caused by both viruses and bacteria.

Which of the above statement(s) is/are correct?

a) 1 only  
b) 2 only  
c) Both 1 and 2  
d) Neither 1 nor 2

Practice Question – Prelims

Q2. Consider the following statements regarding the Rashtriya Gokul Mission.

1. One of the objectives of the mission is upgradation of nondescript cattle using elite indigenous breeds.
2. It was launched by the Ministry of Agriculture and Farmers' Welfare.

Which of the statements given above is/are correct?

a) 1 only  
b) 2 only  
c) Both 1 and 2  
d) Neither 1 nor 2
Practice Question – Prelims

Q3. Consider the following statements regarding the Land Port Authority of India.

1. Its objective is to plan, develop, construct, manage and maintain Integrated Check Posts (ICPs) in the border areas.
2. It is a statutory body under the Ministry of Road Transport and Highways.

Which of the statements given above is/are correct?

a) 1 only
b) 2 only
c) Both 1 and 2
d) Neither 1 nor 2

Practice Question – Prelims

Q4. Consider the following pairs.

<table>
<thead>
<tr>
<th>Island Group</th>
<th>Islands</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Micronesia</td>
<td>Marshall islands</td>
</tr>
<tr>
<td>2. Melanesia</td>
<td>Tulagi island</td>
</tr>
<tr>
<td>3. Polynesia</td>
<td>Hawaiian islands</td>
</tr>
</tbody>
</table>

Which of the above pair(s) is/are correct?

a) All the above
b) 3 only
c) 1 and 2
d) 2 and 3

Practice Questions – Prelims Answers

17-10-2019

Q1. Option ‘b’ – 2 only
Q2. Option ‘a’ – 1 only
Q3. Option ‘a’ – 1 only
Q4. Option ‘a’ – All the above
LIKE, COMMENT & SHARE

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