SC resists J&K curbs, court tells govt. after 40-day marathon hearing

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

Check genuineness of all MBBS students, says HC

The Madras High Court has directed the National Testing Agency, which conducts NEET, to share with CB-CID the thumb impressions of all 4,250 students who got admitted in medical...
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<th>News Articles</th>
<th>Page Number*</th>
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</table>

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

Technological solutions cannot combat ecological challenges

From producing artificial meat to using renewable energy, businesses seem to be driven by concern for our planet. But are they really? Or is this all an attempt to gain a sense of credibility for a project otherwise driven by the mundane, old profit motives? In this age of misinformation, it can be difficult to distinguish between green and greenwash.

In Mumbai, despite a sustained and widespread citizens' campaign, the Aarey forest has been chopped down. Despite a number of alternative available sites for the Metro car depot, the agency has remained stubborn on the forest land. The push for the capital intensive Metro has come at a time when the city's bus service is in tatters. Still, it is argued that the Metro is the only option to improve the city's public transport.

Addressing the ecological crisis

Amidst the grief over the felling, there are some who are justifying the move. Their argument is that building a Metro will prevent an increase in emissions. They are comparing car and bus emissions saved by the build-

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

Consulting an eye specialist and prompt treatment important, say doctors

Tackling conjunctivitis

- Symptoms include red eyes, irritation and sticky discharge
- Do not share towels, pillow covers
- Isolation of patients is key
- Persons affected by conjunctivitis should use paper napkins to wipe eyes and dispose of them immediately
- Wash hands frequently
- Wash eyes with warm water
- Consult an eye specialist, avoid self-medication

Consultant, 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 20% of their walk-in patients in the recent weeks were diagnosed with conjunctivitis, she said in a press release.

Common symptoms

Conjunctivitis is usually a viral or bacterial infection of the conjunctiva - the thin, protective membrane that covers the surface of the eyeball, 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.

Ophthalmologists said 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, so that spread of the infection can be prevented.

Dr. Anand Babu added if 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 treat the condition," he said.

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.
- 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 & Epidemically

* 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 infection)

**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 hand
Kartarpur Corridor work going on round the clock

India is racing to meet the deadline of October 31

Vijay K. Singh

Over 1,500 men are working round the clock in three shifts to give the finishing touches to the passenger terminal and related infrastructure near the Dera Baba Nanak Gurudwara in Gurdaspur along the Pakistan border.

India and Pakistan are building a corridor to connect Dera Baba Nanak and Gurdwara Darbar Sahib in Kartarpur in Pakistan, the final resting place of Guru Nanak, to commemorate the 550th birth anniversary of the founder of Sikhism.

As men carried construct-

Pg. 11 \(\rightarrow\) C, B, H, T

Pg. 13 \(\rightarrow\) D

Part A—Preliminary Examination

Paper I - (200 marks) Duration: Two hours

- Current events of national and international importance.
- History of India and Indian National Movement.

Part B—Main Examination

PAPER-II

General Studies-I: Indian Heritage and Culture, History and Geography of the World and Society.

- Indian culture will cover the salient aspects of Art Forms, literature and Architecture from ancient to modern times.
- Modern Indian history from about the middle of the eighteenth century until the present—significant events, personalities, issues.

PAPER-III

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

- Statutory, regulatory and various quasi-judicial bodies.
- India and its neighborhood—relations.
<table>
<thead>
<tr>
<th>Kartarpur Corridor: Between India and Pakistan</th>
</tr>
</thead>
<tbody>
<tr>
<td>- <strong>Occasion</strong>: 550&lt;sup&gt;th&lt;/sup&gt; anniversary of Guru Nanak</td>
</tr>
<tr>
<td>- <strong>Corridor</strong>: Dera Baba Nanak, → Kartarpur Sahib, Punjab, India → Pakistan</td>
</tr>
<tr>
<td>- Visa free visit</td>
</tr>
<tr>
<td><strong>India</strong>: More than 15000 km International Land Border</td>
</tr>
<tr>
<td>- Several entry and exit points</td>
</tr>
<tr>
<td>- Integrated Check Posts (ICPs)</td>
</tr>
<tr>
<td>- Houses agencies like Immigration, Customs, Border Security, etc.</td>
</tr>
<tr>
<td>- Trade facilitation - banking, warehouses, currency exchange counters, etc.</td>
</tr>
<tr>
<td>- Coordinated by LPAI.</td>
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</tbody>
</table>

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<thead>
<tr>
<th>Land Port Authority of India (LPAI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>- <strong>Statutory Body</strong>: LPAI Act, 2010</td>
</tr>
<tr>
<td>- Under Ministry of Home Affairs</td>
</tr>
<tr>
<td>- <strong>Mandate of LPAI</strong>:</td>
</tr>
<tr>
<td>- Develop, maintain ICPs</td>
</tr>
<tr>
<td>- Regulate functions of agencies</td>
</tr>
<tr>
<td>- Coordinate with other ministries</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Land Port → areas on International Borders</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Roads - notified as Land Customs Station or Immigration Checkposts - Customs Act 1962 or Foreigner's Act - 1946</td>
</tr>
<tr>
<td>- Railways - facility for clearance and transport of passengers and goods - across border</td>
</tr>
</tbody>
</table>
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

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.

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

Cattle diary 2019

The population of crossbred cattle and those of foreign-origin has increased substantially compared to the previous Census in 2012 while that of indigenous cattle has grown by the millionst of margins

SPECIAL CORRESPONDENT NEW DELHI

The Centre’s 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 4.85 crore desi (native) milch cows in the country, less than 1% higher than the 4.81 crore population in the last census in 2012.

years, growing from 1.9 crore to 2.5 crore animals.

Milch cattle are cows kept for the purpose of milk production. Among this category, therefore, foreign breeds now have a population that is more than half the population of desi breeds.

The Rashtriya Gokul Mission, launched by the Bharatiya Janata Party-led (BJP) government in 2014, aimed to promote indigenous desi breeds. However, the total

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

General Studies-III: Technology, Economic Development, Biodiversity, Environment, Security and Disaster Management
- 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 QUESTIONS
DISCUSSION
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

SUBSCRIBE