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**FREE CURRENT AFFAIRS CLASS**

**EVERY SUNDAY**

**SESSION 3 HANDOUT**

*Sunday*  
**MANZHAN**

**IN ASSOCIATION WITH....**

**BANGALORE SCHOOL  
OF CIVIL SERVICES**

**BUILDING TOMORROW'S LEADERS**



**TIME: 10am VENUE: Bangalore school of Civil Services, Near hebbal Police Station,  
Bellary main road, HEBBAL, Bangalore Contact: 9886151564/ 42103963/ nammakpsc@gmail.com**

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Summary of Topics we will be discussing today

## Child Welfare Schemes

**INTEGRATED CHILD DEVELOPMENT SERVICES SCHEME**

For whom?

- ✓ Pregnant women
- ✓ Nursing mothers
- ✓ Adolescent girls
- ✓ Children below 6 years

It covers:

- ✓ Nutrition
- ✓ Development
- ✓ Schooling
- ✓ Health- Mother and child
- ✓ Early Childhood Care Education & Development (ECCED)
- ✓ Community Mobilization, Awareness,

**Kishori Shakti Yojana**

- ✓ Adolescent Girls- 5-days residential training
- ✓ Supplementary Nutrition

**RAJIV GANDHI SCHEME FOR EMPOWERMENT OF ADOLESCENT-SABLA**

- ✓ Supplementary Nutrition (SNP) and Non- Nutrition component services
- ✓ 11-14 yrs out of school and all 15-18 yrs all adolescent girls through ICDS network.

**INDIRA GANDHI MATRITVA SAHAYOG YOJANA (IGMSY)**

- ✓ Pregnant and nursing mothers
- ✓ Nutrition and health education
- ✓ Under ICDS projects.
- ✓ 100% Central assistance
- ✓ Cash incentives for improved health and nutrition to pregnant and 0-6 months lactating mothers

**Sneha Shivar**

- ✓ Community based care and nutrition counseling initiative
- ✓ Rehabilitation of the malnourished children

**Bhagylakshmi Scheme**

- ✓ Promote the birth of girl children in below poverty line families
- ✓ Raise the status of the girl child
- ✓ Based on **Eligibility Criteria**

**Child Tracking System(Banagaladatha Bale)**

- ✓ Tracks children from birth to 18 years
- ✓ With the assistance of NIC

**SCHEME FOR CARE AND MAINTENANCE OF DESTITUTE CHILDREN:**

- ✓ Financial assistance to voluntary
- ✓ with a unit comprising of 25 children

**Attendance Scholarship for girls from rural areas**

- ✓ To reduce the drop out

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- ✓ Family income of the girl must be below Rs. 10,000/- per annum
- ✓ 10 educationally backward districts through Zilla Panchayaths.

### Creches for children of working mothers

- ✓ Mahila Mandals and voluntary organisations
- ✓ In rural areas
- ✓ Day care services for children in the age group 0-3 years.

### UJJAWALA

- ✓ Scheme for Prevention of Trafficking and Rescue, Rehabilitation and Re-integration of victims of trafficking and Commercial Sexual Exploitation.
- ✓ Social mobilization
- ✓ Rescue of victims
- ✓ Rehabilitation services
- ✓ Reintegration of the victims
- ✓ Repatriation of cross-border victims to their country of origin.

### Celebration of Girl Child Day

- ✓ January 24th
- ✓ Focus on- female foeticide, domestic violence and malnutrition in women and children.

### Multi- Sectoral Nutrition programme

- ✓ Maternal and child malnutrition in selected High burden districts

### Protection of Children from Sexual Offences (POCSO) Act, 2012

- ✓ Offence: sexual abuse, including penetrative and non-penetrative

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- assault, as well as sexual harassment and pornography
- ✓ Aggravated sexual assault- child is mentally ill or when the abuse is committed by a person in a position of trust or authority
- ✓ People who traffick children for sexual purposes
- ✓ stringent punishment
- ✓ best international child protection standards
- ✓ mandatory reporting of sexual offences
- ✓ punishment for false information with the intention
- ✓ Responsibility of police
- ✓ medical examination of the child
- ✓ Judicial system: special courts, cases disposed of within one year, compensation to be paid to a child

### Karnataka State Child Protection Policy

- ✓ country's first State wide comprehensive framework policy for child protection
- ✓ principles of child friendly governance.
- ✓ Institutional and infrastructural support
- ✓ transparent and effective child friendly governance policies
- ✓ all government departments, personnel, institutions, statutory bodies, NGOs

### DRAFT KARNATAKA STATE CHILD PROTECTION POLICY FOR EDUCATIONAL INSTITUTIONS -2015

- ✓ Institute safety mapping mechanisms
- ✓ Adopt a Safety Checklist

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- ✓ Provide Guidance and counseling programs:
- ✓ Create Reporting mechanisms:
- ✓ Customised School Child Protection Policy
- ✓ Safe Recruitment & Selection Guidelines-
- ✓ Safe transportation measures

## CURRENT AFFAIRS CLASSES

- ✓ Code of conduct
- ✓ Internal response mechanisms for child safety violations
- ✓ The child protection committee
- ✓ The reporting & redressal process for safety violations
- ✓ Special Juvenile Police Unit

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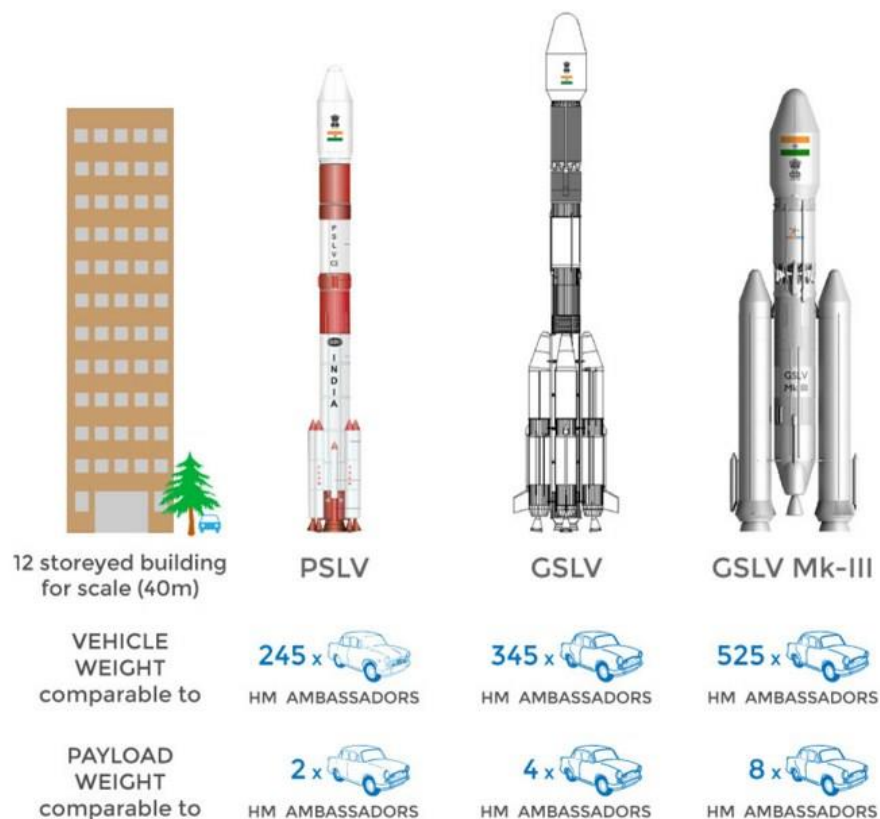


## INDIAN SPACE PROGRAMME-1

We will be covering Indian Space programme under following head

1. Communication Satellite: INSAT (Indian National Satellite System), GSAT series: Currently 9 orbiting satellite
2. Earth Observing Satellite: IRS (Indian Remote sensing satellite), RESOURCESAT-1 and 2, CARTOSAT-1, 2, 2A, 2B, RISAT-1 and 2, OCEANSAT-2, Megha-Tropiques and SARAL. Currently 11 orbiting satellite
3. Satellite Navigation system: GPS Aided GEO Augmented Navigation (GAGAN) and Indian Regional Navigation Satellite System (IRNSS)
4. Scientific exploration: Mars Orbiter Mission, Chandrayan
5. Launch Vehicles: SLV, ASLV, PSLV and GSLV

### Launchers - Overview



### GSLV

- Was primarily developed to launch INSAT class of satellites into Geosynchronous Transfer Orbits
- Used for launching GSAT series of satellites.
- Three stage launcher- one solid rocket motor stage, one Earth storable liquid stage and one cryogenic stage.

- The most recent flight of GSLV, the GSLV-D6, placed GSAT-6 into its planned orbit and marked the second successful flight of the indigenous cryogenic stage.
- Payload to GTO: 2,500 kg
- Payload to LEO: 5,000 kg
- The 2,117 kg-weighting GSAT-6 communication satellite is aimed at primarily benefiting the country's strategic users and other specific authorised users
- The cryogenic stage- "technically a very complex system" but "is more efficient and provides more thrust for every kilogram of propellant it burns"
- The cryogenic C25 stage engine operates on Gas Generator Cycle using extremely low temperature propellants Liquid Hydrogen at 20 Kelvin (-253 degree C) and Liquid Oxygen at 80 Kelvin (-193 degree C).
- Applications of Cryogenics: Aerospace-cryogenic engines, Medical Field, Manufacturing field, Electronics Field, and Fuels Research

### Bharat emission

- Maximum limit of pollutant that a vehicle can emit: CO<sub>2</sub>, nitrogen oxide, sulfur and suspended particulate matter
- In News: Government- decided to leapfrog from BS-IV to BS-VI emission norms directly by 01.04.2020.
- Auto Fuel Policy had recommended implementation of BS-VI norms by 2024. .
- Auto makers oppose: Concern regarding availability of BS-VI fuel throughout the country from 2020.
- BS-VI is the Indian equivalent of the Euro-VI norms.
- At present: BS-IV norms in over 30 cities

### National Air Quality Index (AQI)

- Based on the measured ambient concentrations, corresponding standards and likely health impact, a sub-index is calculated for each of these pollutants.
- Traditionally- air quality status reported through voluminous data.
- Need to put information on air quality in public domain in simple linguistic terms that is easily understood by a common person- Air Quality Index (AQI) is one such tool
- Initiatives under Swachh Bharat Mission
- 'One Number- One Colour-One Description'
- Six AQI categories: Good, Satisfactory, Moderately polluted, Poor, Very Poor, and Severe.
- Consider eight pollutant: PM<sub>10</sub>, PM<sub>2.5</sub>, NO<sub>2</sub>, SO<sub>2</sub>, CO, O<sub>3</sub>, NH<sub>3</sub>, and Pb for which short-term (up to 24-hourly averaging period) National Ambient Air Quality Standards are prescribed.
- The new index will initially cover 10 cities — Delhi, Agra, Kanpur, Lucknow, Varanasi, Faridabad, Ahmedabad, Chennai, Bangalore and Hyderabad

- Major impetus to improving air quality in urban areas- will improve public awareness

## WESTERN GHATS

- Western Ghats or Sahyadri is a mountain range that runs parallel to the western coast of the Indian peninsula
- Its a UNESCO World Heritage Site
- It is one of the eight "hottest hotspots" of biological diversity in the world
- It has thirty nine world heritage sites (10 in Karnataka)
- Covers 6 states: Gujarat, Maharashtra, Goa, Karnataka, Kerala and Tamil Nadu
- These hills cover 160,000 km<sup>2</sup>

### The Western Ghats Ecology Expert Panel (WGEEP)

- Known as the Gadgil Commission
- Assigned seven responsibilities to the WGEEP
  - ✓ Assess status of ecology of the Western Ghats region
  - ✓ Demarcate ecologically sensitive zones
  - ✓ Recommendations for the conservation, protection and rejuvenation of the region
  - ✓ Measures for effective implementation
  - ✓ Western Ghats Ecology Authority
  - ✓ Any other relevant issues

#### Observations and recommendations:

1. Gadgil recommends that entire Western Ghat should be divided into 3 zones (actually 4)

1. Zone 1	Highest protection must be given to them
2. Zone 2	Intermediate
3. Zone 3	Moderate control and protection.
4. PA	Protected Areas= existing Wild Life Sanctuaries and National Parks.

2. Set up Western Ghats Ecology Authority (WGEA)
3. Recommending that almost three-fourth of the hills, including plantations, cultivated lands and large habitations, be turned into a restricted development zone
4. Gave Zonal recommendations
5. Change in land use not permitted from forest to non-forest uses or agricultural to non-agricultural, except agricultural to forest (or tree crops)"

6. Ban on developmental and construction activities in the eco-sensitive areas
7. Ban on converting public land to private land
8. Phasing out of chemical fertilisers
9. No monoculture plantations
10. Identification and demarcation of eco-sensitive areas
11. No red industry will be allowed in the ESZS
12. Allocation of a special fund for promoting organic cultivation and for extending subsidy to agriculture, except the fund for forest and environment conservation
13. Final demarcation of zones by taking the micro watersheds and village boundaries into account, and fine-tuning of the regulatory as well as promotional regimes, must be based on extensive inputs from local communities and local bodies, must be highlighted.
14. 14th Finance Commission a special food security fund
15. Public hearings and broad based consultations with all the

#### Ecologically Sensitive Zones (ESZ)

- Environment Protection Act 1986 (EPA)=Union Government can designate an area as “ecologically sensitive zone” and then Government can prohibit/regulate Development in this region.
- Using this power, many ecologically sensitive zone have been setup.
- E.g. Mahabaleshwar-Panchgani region in Maharashtra.

#### Kasturirangan Report

- To study the Gadgil committee report on the Western Ghats.
- Around 60,000 sq km of Western Ghats- be turned into a no-go area for commercial activities
- 90% of the natural forests left in the Western Ghats complex – adding upto 60,000 sq km and constituting 37% of the entire hilly belt — be conserved under the Ecologically Sensitive Area (ESA)
- Complete ban on mining activity in ESA and current mining activities should be phased out
- Ban development of any township or construction over the size of 20,000 sq m in the ESA zone
- Not recommended a ban on hydroelectric projects in the zone, but stricter clearances for dams and other projects.



## Practice Questions

1. Dr B R Ambedkar Niwas Yojana is a housing programme for
  - a. All backward class households
  - b. Below Poverty line households
  - c. SC/ST household
  - d. Urban Street Vendors
2. After whom, the Bangalore railway station will be named, as per the recently approved proposal?
  - a. Sangoli Rayanna
  - b. Kempegowda
  - c. Tipu Sultan
  - d. Basavanna
3. Which of the following ICT scheme was launched recently to established a web portal that helps schools assess themselves
  - a. E Pathshala
  - b. Shala Siddhi
  - c. Shala Darpan
  - d. Saransh
4. Which of the following ICT scheme was launched recently to established a web portal with educational resources for students, teachers and parents
  - a. E Pathshala
  - b. Shala Siddhi
  - c. Shala Darpan
  - d. Saransh
5. Who was recently appointed the advocate general of Karnataka
  - a. Madhusudhan R Naik
  - b. Ravivarma Kumar
  - c. Raghavendra Nadagouda
  - d. Devadat Kamat
6. Which statement regarding Nanna Bhashe (initiative) is true
  - a. It is an online platform to learn Kannada
  - b. It is funding programme for research in Kannada Language
  - c. It is a self-learning textbook of sign language in Kannada
  - d. It is a new Kannada text book for non kannadiga's studying in under graduation courses in Karnataka
7. Karnataka state legislature recently passed Karnataka Maritime Board Bill, 2015. It aims at establishing Karnataka Maritime Board. With respect to the Board which of the following is not its function?
  - a. Finding ways and means to take up development projects at ports.
  - b. Take up maintenance of activities in relation to ports, harbours, inland waterways, and coastal protection to fuel economic growth in the coastal region.
  - c. Developing all ports on ppp mode, and developing and maintaining fishing harbours.
  - d. Establishing a second major port in Karnataka
8. The beneficiary of Integrated Child Development Services Scheme includes all except
  - a. Pregnant women
  - b. Nursing mothers
  - c. Adolescent boys
  - d. Children below 6 years

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9. In recognition of their services to the community, the state government in the budget speech announced to enhance the honorarium of AWW/AWH from April 2015 to

- a. Rs.3000/- and Rs.1500/-
- b. Rs. 2500/- and Rs. 1000/-
- c. Rs 2750/- and Rs. 1250/
- d. Rs 3500/- and Rs 2000/-

10. Kishori Shakti Yojana is being implemented in 143 ICDS projects of 21 districts where SABLA is not being implemented. The beneficiary of this scheme are

- a. Adolescent Girls
- b. Lactating and pregnant mother
- c. Girls below the age of 12
- d. All out of school girl child below 18 years

11. With respect to Rajiv Gandhi Scheme for Empowerment of Adolescent Girls (RGSEAG) or SABLA which of the following is incorrect

- a. It provides Supplementary Nutrition to adolescent girls
- b. They are provided training on life skills
- c. Provide Nutrition & Health Education
- d. Provided soft loan upto 1 lakh for starting small business

12. Indira Gandhi Matritva Sahayog Yojana (IGMSY) is being implemented on a pilot basis in 2 districts of the state, viz Dharwad and Kolar. Consider the following statement

- i. Pregnant and nursing mothers are given nutrition and health education, health tips and IYCF guidance.

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- ii. AWCs are used as the main platform for implementation of the scheme in the piloted ICDS projects.
- iii. IGMSY is a centrally sponsored scheme with 100% assistance from GOI.
- iv. The scheme provides cash incentives for improved health and nutrition to pregnant and 0-6 months lactating mothers

Which of the following statement is true with respect to IGMSY

- a. i and iv only
- b. iv only
- c. i, iii and iv only
- d. all are true

13. Identify the correct statement with respect to Sneha Shivar

- a. It is a community based care and nutrition counseling initiative
- b. It provides free treatment for malnourished children in tertiary centres
- c. It provides training to paramedical staff for treating malnourished children in tribal hamlets
- d. It provides immunization to children in high risk districts

14. Bhagyalakshmi scheme was launched during 2006-07. Its main objective is to

- a. Increase the education standard of girls
- b. Prevent child marriage
- c. Promote the birth of girl children in below poverty line families
- d. Provide livelihood opportunity to girls after adolescent

15. Which of the following is *not* the criteria to be fulfilled to be eligible under Bhagyalakshmi scheme

- a. The birth of the child should be compulsorily registered.

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- b. Child should complete primary education
- c. Child should be Immunized as per the programme of the Health Department
- d. Child should not become a child labour

16. Ujjawala is a new Comprehensive Scheme for which of the following?

- a. Scheme for rehabilitation of children of Manual Scavenger
- b. Scheme for rehabilitation of Acid victims
- c. Scheme for vocational training of disabled
- d. Scheme for Prevention of Trafficking and Rescue, Rehabilitation and Re-integration of victims of trafficking and Commercial Sexual Exploitation.

17. GSLV is a 3 stage satellite launch vehicle. Select the correct order with respect to the fuel used in 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> stage of GSLV

- a. Solid-Liquid-cryogenic
- b. Solid-cryogenic-liquid
- c. Cryogenic-liquid-solid
- d. Liquid-solid-cryogenic

18. With respect to GSLV-D6 identify the incorrect statement:

22. Critically examine the differences between Kasturirangan and Gadgil's report on Western Ghats.

23. What is an ecological hot spot? Give a brief note on any 1 hot spot in India

24. What is cryogenics? What are the advantages and challenges of using a cryogenic engine in a satellite launch vehicle?

25. Give a brief note on AQI? How will it help control air pollution in India?

## CURRENT AFFAIRS CLASSES

- a. It placed GSAT-6 into Polar transfer orbit
- b. It was the second successful consecutive launch of the GSLV series
- c. It used indigenously developed cryogenic engine
- d. It was the 9<sup>th</sup> GSLV launch

19. Bharat emission sets a maximum limit of pollutant that a vehicle can emit for all of the following except

- a. Nitric oxide
- b. Sulfur
- c. Carbon monoxide
- d. Suspended matter

20. AQI measures all the following pollutant except

- a. Carbon Dioxide
- b. Particulate Matter
- c. Nitrogen dioxide
- d. Sulphur dioxide

21. What percentage of the area of Western Ghats was designated as an Ecologically Sensitive Zone by the Kasturirangan Report?

- a. 50 %
- b. 25 %
- c. 37 %
- d. 90 %