### The Hindu News Analysis – 11th July 2019 – Shankar IAS Academy

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<td>Practice cum Revision - MCQs</td>
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*C – Chennai; B – Bengaluru; D – Delhi; T – Thiruvananthapuram
World Population Prospects Report 2019

* Published by Population Division of UN Department of Economic and Social Affairs, UN Secretariat
* Detailed overview of global demographic patterns & prospects
* India will overtake China as the most populous country by 2027

Population Projections

* Developed using existing population (Base Value)
* To calculate expected births, deaths and migration
* Short term projections – Women in Childbearing ages
  1. 15-39 years
  2. China Vs India (2019)
     - China – 23.5 Crores
     - India – 25.3 Crores

3 Issues to focus

1. Population Control:
   → China – ‘One-Child’ policy – Success
   → ‘Enforcement’ of Citizens

   → India → Democracy
   → ‘Encourage’ the population (Soft Measures)
   → Restriction of maternity leave and benefits to first two births

   → People with > 2 children → Disqualification from Panchayat elections
   → Minor incentives for sterilization

* India will overtake China as the most populous nation – Fact

  1. Subjected to frequent revisions by UN
     1. 2015 report – By 2022
     2. 2019 report – By 2027

  2. India’s population in 2050 → Downward revision
     1. 2015 report – 170.5 Crores
     2. 2019 report – 163.9 crores

  3. Reason → Slow Decline in India’s fertility rate

* India will be the most populous country throughout most of the 21st century

* This population needs to be used in a more productive way

Civilspedia Team - Powered by Shankar IAS Academy
2. Encourage people to have smaller families
Voluntarily:

- Depends on Socio-economic factors
- Total Fertility Rate: 2015-16 Data
  - Poorest Women: 3.2
  - Richest Women: 1.5
- West vs India: Thought process of having one child
  - West → Work, Child Conflict
  - India → To provide good education & jobs in the future

Rich → Poor
- Affordable Education
- Govt. support on education and jobs
- Good jobs
- Safe contraceptive services

3. ‘Population’ aspect in policies → change in mindset required

- Policies based on 1971 Census (LS, FC allocations)
- 15th FC → Likely to use 2011 census for calculation
  - Bihar, U.P., M.P., Kerala, T.N.
  - Author supports 2011 census based calculation methodology based on ‘demographic dividend’

Demographic Dividend:
- Growth in an economy that is the result of a change in the age structure of a country’s population

Large variations of Demographic dividend between the states

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<th>States</th>
<th>1: High fertility</th>
<th>2: Early expanding</th>
<th>3: Late expanding</th>
<th>4: Low statutory</th>
<th>5: Declining</th>
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<tr>
<td>Birth rate</td>
<td>High</td>
<td>High</td>
<td>Falling</td>
<td>Low</td>
<td>Very low</td>
</tr>
<tr>
<td>Death rate</td>
<td>High</td>
<td>Fall rapidly</td>
<td>Falls more slowly</td>
<td>Low</td>
<td>Low</td>
</tr>
<tr>
<td>Examples</td>
<td>Few remote groups</td>
<td>Egypt, Kenya, Indi</td>
<td>Brazil, USA, Japan, France, UK, Germany</td>
<td></td>
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- Working Age population ⇒ Child Dependency Ratio↓
  (High)
- Old-Age Dependency Ratio↑

Demographic Window of Opportunity

- Present ⇒ Kerala → U.P., Bihar
- Next 20 years
  - Karnataka, Haryana ⇒ Other states in J & K
  - Need of money
- After 20 years ⇒ U.P., Bihar & → Kerala
  - Other states

Suggestions

- Government must invest in education & health of the future workforce of states with demographic window of opportunity
- India must work forward enhancing the lives of citizens - present & future
Practice Question – Mains
GS – I

Q. “India will become the world’s most populous nation by 2027” – World Population Prospects Report 2019. In the backdrop of the above statement, discuss the associated issues and measures to be taken in order to realize the potential of ‘Demographic Dividend’.
Practice Question – Prelims

Q. Consider the following statements with reference to Pradhan Mantri Matru Vandana Yojana.

1. The scheme aims to provide cash incentives to Pregnant Women and Lactating mothers for wage loss, so that they can take adequate rest, before and after the delivery of first living child, and the scheme is a central sector scheme.

2. The implementation process of the scheme uses Anganwadi Services scheme of Integrated Child Development Services Scheme.

Which of the above statements is/are correct?
(a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2

Shigella Infection

* Shigellosis

* Shigella – Food borne pathogenic bacteria

↓ S. dysenteriae

↓ S. flexneri

↓ S. sonnei

↓ S. boydii

Shigella infection

AN INTESTINAL DISEASE CAUSED BY A FAMILY OF BACTERIA KNOWN AS SHIGELLA

SYMPTOMS

• Diarrhoea
• Abdominal pain or cramps
• Fever

COMPLICATIONS

• Dehydration • Seizures • Rectal prolapse
• Hemolytic urticaria syndrome • Toxic megacolon
• Reactive arthritis

Prevention

• Wash hands frequently and thoroughly
• Dispose of soiled diapers properly
• Don’t prepare food for others if you have diarrhoea • Avoid swallowing water from ponds, lakes or untreated pools
Practice Question – Prelims

Q. Consider the following statements.

1. Shigella infection is caused by a bacterium and it is one of the leading causes of diarrhea in India.

2. Blood transfusion is the leading cause of Shigella infection.

Which of the above statements is/are correct?

a) 1 only
b) 2 only
c) Both 1 and 2
d) Neither 1 nor 2.
The Indian Air Force (IAF) is currently undergoing integration and testing for the ASRAAM missile, which is an Advanced Short Range Air-to-Air Missile (ASRAAM) that can be launched from the wing of a fighter aircraft. ASRAAM is a joint venture between India and Japan, and the missile is designed to be launched from the wingtip of a fighter aircraft to provide a high degree of agility and maneuverability.

The ASRAAM missile has a range of approximately 25 kilometers and is capable of engaging targets within a 30-kilometer radius. It is designed to be launched from the wingtip of a fighter aircraft and operates in the medium-range air-to-air missile category. The missile is also designed to be launched from the wingtip of a fighter aircraft and is capable of engaging targets within a 30-kilometer radius. It is designed to be launched from the wingtip of a fighter aircraft and operates in the medium-range air-to-air missile category.
Worker safety code Bill gets Cabinet approval

It seeks to merge 13 labour laws

SPECIAL CORRESPONDENT
NEW DELHI

A Bill that seeks to merge 13 labour laws into one code on occupational safety, health and working conditions that would apply to all establishments with 10 or more workers was approved by the Union Cabinet on Wednesday, paving the way for its introduction in Parliament.

The Code on Occupational Safety, Health and Working Conditions Bill, 2019, which would impact “40 crore unorganised workers”, was approved at a Cabinet meeting chaired by Prime Minister Narendra Modi, Information and Broadcasting Minister Prakash Javadekar said.

The Bill was the second of four proposed codes that aim to merge 44 labour laws, with the Code on Wages Bill, 2019 that was approved on July 3 being the first, Labour and Employment Minister of State (Independent Charge) Santosh Kumar Gangwar said.

He added that the Wages Bill, which covers minimum wages and other wage issues, would be introduced in Parliament in “two or three days”.

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Practice Question – Prelims

Q1. Consider the following statements with reference to Pradhan Mantri Matru Vandana Yojana.

1. The scheme aims to provide cash incentives to Pregnant Women and Lactating mothers for wage loss, so that they can take adequate rest, before and after the delivery of first living child, and the scheme is a central sector scheme.

2. The implementation process of the scheme uses Anganwadi Services scheme of Integrated Child Development Services Scheme.

Which of the above statements 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.

1. Shigella infection is caused by a bacterium and it is one of the leading causes of diarrhea in India.

2. Blood transfusion is the leading cause of Shigella infection.

Which of the above statements is/are correct?

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

Practice Question – Prelims
Q3. What is ‘ASRAAM’ sometimes seen in the news?

a) An indigenous Indian missile.

b) An advanced Air to Air Close Combat Missile.

c) An advanced Beyond Visual Range Missile.

d) A defence cooperation between India and Japan.
Practice Question – Mains
GS – I

Q. “India will become the world’s most populous nation by 2027” – World Population Prospects Report 2019. In the backdrop of the above statement, discuss the associated issues and measures to be taken in order to realize the potential of ‘Demographic Dividend’.

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