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<tr>
<th>S. No</th>
<th>News Articles</th>
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<tr>
<td>1</td>
<td>Manufacturing PMI improves</td>
<td>13</td>
<td>15</td>
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<td>2</td>
<td>Taking stock of the anti-AIDS fight (Editorial)</td>
<td>8</td>
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<td>3</td>
<td>UN chief opens climate summit with call for hope over ‘surrender’</td>
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<td>4</td>
<td>A new low (Data Point)</td>
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<td>5</td>
<td>Practice cum Revision - MCQs</td>
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*C – Chennai; B – Bengaluru; T – Thiruvananthapuram; H - Hyderabad; D – Delhi
**Manufacturing PMI improves**

**PMI**

- Purchasing Manager's Index
- Indicator of economic health for manufacturing and service sectors
- Two PMI released for India: Manufacturing PMI, Services PMI
- Compiled by IHS Markit from responses to questionnaires sent to purchasing managers in a panel of around 400 manufacturers
- Manufacturing PMI - Weighted average of 5 figures:
  - New Order
  - Employment
  - Output
  - Suppliers' Delivery Times
  - Stocks of purchases
- Key features:
  - Released on monthly basis
  - Not revised after publication

**Part A—Preliminary Examination**

Paper I - (200 marks)
- Current events of national and international importance.
- Economic and Social Development

**Part B—Main Examination**

PAPER-IV

- Indian Economy and issues relating to planning, mobilization, of resources, growth, development and employment.

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**News**

- **Manufacturing activity increased in November**
  - Increase in growth of new orders and production

**India Manufacturing PMI**

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<th>Year</th>
<th>PMI</th>
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Source: IHS Markit.

- **50** - Expansion
- **< 50** - Contraction

**Key Findings**

- Modest increase in sales when compared to previous month; but remained subdued when compared to earlier in the year
- Employment falls for first time since March 2018
- Workloads managed by existing staff
- Non-replacement of retirees
- Non-renewal of temporary contracts
Practice Question – Prelims

Q. Consider the following statements about Purchasing Managers Index (PMI).

1. It is an indicator of the social wealth of a country.
2. Manufacturing and Services PMI are released for India on a monthly basis.

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
**HIV/AIDS**

* Caused by Human Immunodeficiency Virus (HIV)
* Damages body’s immune system cells
* Two types of HIV → Type I and Type II
* Causes
  - unprotected sex with infected partner
  - use of HIV infected syringes
* First sign of AIDS → influenza-like symptoms, swollen glands, sometimes no symptoms
* There is no cure

* SDG Goal 3 – Good Health & Well being
  * Target 3.3 → End the epidemics of AIDS, ... by 2030
  * Indicator to measure achievement – no. of new HIV infections per 1000 uninfected populations

* Key populations
  * Men who have sex with men (MSM)
  * people – use of injected drugs
  * persons in prisons and in closed setting
  * Sex workers, their clients
  * transgenders
**UNAIDS**

- "90-90-90" target - to be achieved by 2020
  - 90% of those living with HIV will know their HIV status
  - 90% to receive sustained ART
  - 90% to experience / have viral suppression

**Present Status**

- 37% reduction in new HIV infections between 2000 and 2018
- HIV related deaths fell by 45% and 1.36 crore persons saved by ART
- Generic drugs - widely available - due to generic versions - led by Yusuf Hamied

**Financial support received from both public & private**

**Ignorance and stigma vs coalitions of HIV-affected people, civil society, media**

**Access to life-saving treatments**

- 9 years ago
  - 0.7 crore received ART
- At present (2019)
  - 2.4 crore persons receiving ART out of 3.8 crore persons living with HIV

**Adoption of ‘rights-based approach’ to overcome stigma**

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**Present Concerns**

- Only 19 countries on track to achieve by 2030
- High rates of new infections in many parts of the world - among young populations
  - 7.7 lakh HIV-affected persons died in 2018, 17 lakh persons newly affected
- Setback in Central Asia & Eastern Europe (CA & EE) despite improvements in Eastern & Southern Africa
  - more than 95% new infections in CA & EE occurring among key populations

- On 90-90-90 target (by 2020)
  - 62% - on treatment
  - 53% - achieved viral suppression

**Reasons for recent slowdown in combating HIV/AIDS**

- Complacent assumption that a conclusive victory is already achieved
- Expanded agenda of SDG framework
- New priorities - change of priorities
- Diversion or decrease in funds received to combat AIDS
- Information dissemination
  - Did not continue to pass on risk-related knowledge, on prevention-oriented behaviours, particularly to young persons
Practice Question – Prelims

Q. Which one of the following statements is wrong about HIV/AIDS?

a) The most advanced stages of HIV infection is called as Acquired Immunodeficiency Syndrome (AIDS)

b) Transmission of HIV between a mother and her infant is possible.

c) Antiretroviral drugs are used in the treatment and prevention of HIV infection.

d) Vaccines are available to prevent HIV infection.
**COP- 25 of UNFCCC: Madrid, Spain (2-13 Dec 2019)**

**Global Warming**
- Rising average temperature of the globe over a period of time
- Greenhouse gases: \( \text{CO}_2, \text{CH}_4, \text{N}_2\text{O} \) etc.
- Consequences: change in rainfall pattern
  - Irregular monsoon
  - Intensive tropical cyclones
  - Rising incidence of floods
  - Severe drought etc.

**UNFCCC, Kyoto Protocol and Paris Agreement**

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**United Nations Framework Convention on Climate Change (UNFCCC)**

- **Aim** is to prevent the dangerous human interference with the climate system
- **Kyoto Protocol**, signed in 1997
  - 2005 to 2020
- **Paris agreement**, signed in 2015
  - To limit the rising global temperature by 2°C as compared to pre-industrial levels and to continue efforts to limit the temperature increase even further to 1.5°C by 2100

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**Carbon Trading or Emission Trading**

- **Market based system** which allows the trading of Carbon Credits

- **Carbon trading mechanism** allows the nations to meet their emissions target

- **Drafting comprehensive rules** governing the carbon trading as per the Paris Agreement is under progress
Practice Question – Prelims

Q. Consider the following statements with reference to “carbon trading”.

1. It is a market-based system which allows the trading of carbon credits.
2. Carbon Trading mechanism allows nations to meet their emission targets by trading the carbon credits.

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

In the latest quarter, India's Gross Domestic Product (GDP) grew at the slowest pace in 6.5 years. Also, the growth was not fuelled by private consumption or investment, the prime drivers of the economy, but through government spending which surged in recent quarters.

By Sumant Sen and Vignesh Radhakrishnan

Part A—Preliminary Examination

Paper I—(200 marks)

- Current events of national and international importance.
- Economic and Social Development

Part B—Main Examination

PAPER-IV


- Indian Economy and issues relating to planning, mobilization of resources, growth, development and employment.
Practice Question – Prelims

Q1. Consider the following statements about Purchasing Managers Index (PMI).

1. It is an indicator of the social wealth of a country.
2. Manufacturing and Services PMI are released for India on a monthly basis.

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. Which one of the following statements is wrong about HIV/AIDS?

a) The most advanced stages of HIV infection is called as Acquired Immunodeficiency Syndrome (AIDS)

b) Transmission of HIV between a mother and her infant is possible.

c) Antiretroviral drugs are used in the treatment and prevention of HIV infection.

d) Vaccines are available to prevent HIV infection

Practice Question – Prelims

Q3. Consider the following statements with reference to “carbon trading”.

1. It is a market-based system which allows the trading of carbon credits.

2. Carbon Trading mechanism allows nations to meet their emission targets by trading the carbon credits.

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
Q1. Option ‘b’ – 2 only
Q2. Option ‘d’ – Vaccines are available to prevent HIV infection
Q3. Option ‘c’ - Both 1 and 2