

Integrated Prelims cum Mains Test Series ---- 2019-2020 – EBS Approach

The Mains Tests are conducted in 3 levels

- 1) Essential Test** – Intends to test basic understanding along with factual and fundamental concepts of the subject.
- 2) Breakthrough Test** – These tests check the ability of linking basic concepts with current issues and interlinking of various topics of syllabus. The focus here is to increase hit ratio.
- 3) Simulation Test** – These tests are conducted on UPSC pattern to give real UPSC environment feeling to students

Note: Every test includes the current affairs between the date of previous test to present test.

TEST CATEGORISATION

Prelims tests – 51

- **General studies – 41**
 - **Subject wise test -- 28**
 - **Revision test -- 6**
 - **Full length test -- 7**
- **CSAT – 10**
 - **Sectional tests -- 6**
 - **Full length tests – 4**

Mains tests – 46

- **Essay – 10**
- **Sectional tests– 20**
- **Full length – 16**

Test No	Date	Subject	Syllabus	Sources
Mains Test 1 (Essential Test)	5 August 2019 Monday	GS – 1 Modern Indian History + Post Independent India + World History	<p>Modern Indian history from about the middle of the eighteenth century until the present- significant events, personalities, issues</p> <p>The Freedom Struggle - its various stages and important contributors /contributions from different parts of the country.</p> <p>Post Independent India Post-independence consolidation and reorganization within the country.</p> <p>World History History of the world will include events from 18th century such as industrial revolution, world wars, redrawing of national boundaries, colonization, decolonization, political philosophies like communism, capitalism, socialism etc.- their forms and effect on the society.</p>	<p>Modern Indian History</p> <ul style="list-style-type: none"> • NCERTs • India’s struggle for independence – Bipin Chandra <p>Post Independent India</p> <ul style="list-style-type: none"> • NCERT • India since independence – Bipin Chandra • (or India after Gandhi – Ramachandra Guha) <p>World History</p> <ul style="list-style-type: none"> • NCERTs • Mastering Modern World History – Norman Lowe.

PRELIMS TEST 1

**7 August
2019
Wednesday**

Modern Indian History
(List of the topics and sources are given At the end)

+
Post Independent India (Politics in India since independence – Class XII NCERT)

+
World History

- **Themes In World History -- Class X**
- **India and the Contemporary World – I -- Class IX**
- **India and the Contemporary World – II -- Class IX**

**Mains
Test
2
(Essential
Test)**

**15 August
2019
Thursday**

GS – 1
**Art &
Culture**
+
**Indian
Society**

Indian culture will cover the salient aspects of Art Forms, Literature and Architecture from ancient to modern times

Indian Society

- Salient features of Indian Society, Diversity of India.
- Role of women and women's organization, population and associated issues, poverty and developmental issues, urbanization, their problems and their remedies.
- Effects of globalization on Indian society
- Social empowerment, communalism, regionalism & secularism.

Art & Culture

- An Introduction to Indian Art - Class XI NCERT
- Living Craft Traditions of India - Chapters 9 and 10 -- Class XI NCERT
- Indian Culture -- Nitin Singhania
- CCRT website

Indian Society

- NCERT
- IGNOU Material – Development
- IGNOU Material – Sociology
- Social Problems in

- | | | | | |
|--|--|--|--|---|
| | | | | India – Ram Ahuja.
• Indian Social System – Ram Ahuja
• Current Affairs |
|--|--|--|--|---|

PRELIMS TEST 2

**17 August
2019
Saturday**

Ancient & medieval India
 +
Art & Culture
 (List of the topics and sources are given At the end)

PRELIMS TEST 3

**19 August
2019
Monday**

**NCERT
based test**

NCERT

- Social & Political Life I - Class VI
- Social & Political Life II - Class VII
- Social & Political Life III - Class VIII
- Social Change and Development in India - Class XII
- Understanding Society -- Class XI
- Indian Society -- Class XII

CSAT TEST - 1

**19 August
2019
Monday**

- 1. Comprehension**
- 2. Basic numeracy & General mental ability**
 - (a) Numbers
 - (b) HCF & LCM

	<p>(c) Averages (d) Ratio & Proportion (e) Percentage (f) Profit & Loss (g) Simple interest & Compound interest (h) Problems on ages (i) Problems on clock (j) Partnership (k) Pipes & cistern</p>
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<p>Mains Test 3 (Essential Test)</p>	<p>25 August 2019 Sunday</p>	<p><u>GS – 1</u> Geography</p>	<p>Salient features of world's physical geography.</p> <p>Distribution of key natural resources across the world (including South Asia and the Indian sub-continent); factors responsible for the location of primary, secondary, and tertiary sector industries in various parts of the world (including India)</p> <p>Important Geophysical phenomena such as earthquakes, Tsunami, Volcanic activity, cyclone etc., geographical features and their location- changes in critical geographical features (including water-bodies and ice-caps) and in flora and fauna and the effects of such changes.</p>	<ul style="list-style-type: none"> • NCERTs • Certificate Physical and Human Geography -- Goh Cheng Leong • Geography of India- Majid Hussain • Current Affairs
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PRELIMS TEST 4

<p>26 August 2019 Monday</p>	<p>World Geography (List of the topics and sources are given At the end)</p>
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PRELIMS TEST 5

**27 August
2019
Tuesday**

India Geography
(List of the topics and sources are given At the end)

**Mains
Test
4**

**3
September
2019
Tuesday**

GS – 1 Full Length

**Mains
Test
5**

**4
September
2019
Wednes
day**

***Essay
(Test 1)***

- *Indian Art & Culture*
- *Indian History*
- *Topics from World History*
- *Social Issues*
 - Indian Society
 - Feminism
 - Gender Justice
 - Unity & Diversity
- *Ethics and Philosophy*

PRELIMS TEST 6

**6 September
2019
Friday**

**Revision
Test - 1**

Syllabus of Prelims test 1 to 5

<p>Mains Test 6 (Essential Test)</p>	<p>14 September 2019 Saturday</p>	<p><u>GS – 2</u> Polity</p>	<p>Indian Constitution- historical underpinnings, evolution, features, amendments, significant provisions and basic structure.</p> <p>Comparison of the Indian constitutional scheme with that of other countries</p> <p>Functions and responsibilities of the Union and the States, issues and challenges pertaining to the federal structure, devolution of powers and finances up to local levels and challenges therein.</p> <p>Separation of powers between various organs dispute redressal mechanisms and institutions.</p> <p>Parliament and State Legislatures - structure, functioning, conduct of business, powers & privileges and issues arising out of these.</p> <p>Structure, organization and functioning of the Executive and the Judiciary Ministries and Departments of the Government; pressure groups and formal/informal associations and their role in the Polity.</p>	<ul style="list-style-type: none"> • NCERT • Indian Polity by Laxmikant – 5th edition • Public Institutions in India- Performance and Design – Pratapa B hanu Mehta • Subhash Kashyap - Our Constitution, Our Parliament • Introduction to the Constitution of India - D D Basu • 2nd ARC (6th Report - Local Governance 13th Report - Organisation Structure of Government of India) • PRS • PIB • Three Year Action Agenda, 2017-18 to 2019-20 - NITI Aayog
<p>PRELIMS TEST 7</p>				
<p>16 September 2019 Monday</p>		<p><u>Indian Polity</u> (Part 1 -- Till Central government)</p>		

(List of the topics and sources are given At the end)

<p>Mains Test 7 (Essential Test)</p>	<p align="center">24 September 2019 Tuesday</p>	<p align="center"><u>GS – 2</u> Governance + Social justice</p>	<p><u>Governance</u></p> <ul style="list-style-type: none"> • Salient features of the Representation of People's Act. • Appointment to various Constitutional posts, powers, functions and responsibilities of various Constitutional Bodies. • Statutory, regulatory and various quasi-judicial bodies • Important aspects of governance, transparency and accountability, e-governance-applications, models, successes, limitations, and potential; citizens charters, transparency & accountability and institutional and other measures. • Role of civil services in a democracy. <p><u>Social Justice</u></p> <ul style="list-style-type: none"> • Government policies and interventions for development in various sectors and issues arising out of their design and implementation • Welfare schemes for vulnerable sections of the population by the Centre and States and the performance of these schemes; mechanisms, laws, institutions and bodies constituted for the protection and betterment of these vulnerable sections • Issues relating to development and management of Social 	<ul style="list-style-type: none"> • NCERT • Indian Polity by Laxmikant – 5th edition • Governance in India – Laxmikant • Institutions in India Public Institutions in India: Performance and Design – Pratapa Bhanu Mehta • Subhash Kashyap - Our Constitution, Our • Parliament • Introduction to the Constitution of India - D D Basu • 2nd ARC (6th Report - Local Governance 13th Report - Organisation Structure of Government of India) • Yojana • Kurukshetra • PRS • PIB • Three Year Action Agenda, 2017-18 to 2019-20 – NITI Aayog
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			Sector/Services relating to Health, Education, Human Resources. <ul style="list-style-type: none"> • Issues relating to development and management of Social Sector/Services relating to Health, Education, Human Resources, issues relating to poverty and hunger. 	
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PRELIMS TEST 8

26 September 2019 Thursday	<u>Indian Polity</u> (Part 2 -- From state government) (List of the topics and sources are given At the end)
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CSAT TEST – 2

26 September 2019 Thursday	1. Comprehension 2. Basic numeracy & General mental ability <ul style="list-style-type: none"> (a) Time & work (b) Time & Distance (c) Boats & streams (d) Problems on trains (e) Permutation & combination (f) Probability (g) Charts, graphs, tables etc.
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Mains Test 8	3 October 2019 Thursday	<u>GS – 2</u> International relations	India and its neighbourhood-relations. Bilateral, regional and global groupings and agreements involving	<ul style="list-style-type: none"> • Class 12 Political Science- Contemporary World Politics • India's Foreign Policy
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(Essential Test)			<p>India and/or affecting India's interests</p> <p>Effect of policies and politics of developed and developing countries on India's interests, Indian diaspora.</p> <p>Important International institutions, agencies and fora, their structure, mandate.</p>	<p>– Muchkund Dubey</p> <ul style="list-style-type: none"> • Challenge And Strategy : Rethinking India's Foreign Policy – Rajiv Sikri • Ministry of External Affairs website • Current Affairs
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PRELIMS TEST 9

<p>4 October 2019 Friday</p>	<p>International organisation + Government schemes</p>	<ul style="list-style-type: none"> • Class XII NCERT -- Contemporary World Politics • Websites of Important organisation <p><u>Government schemes</u></p> <ul style="list-style-type: none"> • PIB • PRS • Ministry websites • India Year book
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**Mains
Test
9** **5
October
2019
Saturday**

GS – 2 Full Length

<p>Mains Test 10</p>	<p>6 October 2019 Sunday</p>	<p>Essay (Test 2)</p>	<ol style="list-style-type: none"> <i>1. Ethics & Philosophy</i> <i>2. <u>Polity & Governance</u></i> <ul style="list-style-type: none"> • Federalism • Institutions of India • Local self- government • Criminal Justice System • Judiciary • Democracy • Rights • Freedom of Speech
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			<ul style="list-style-type: none"> • Administrative Reforms <p>3. <u>Social Justice</u></p> <ul style="list-style-type: none"> • Social Justice – Economic -justice – political Justice • Health • Education • Poverty & Hunger • Vulnerable Sections like women, old person and children. <p>4. <u>IR</u></p> <ul style="list-style-type: none"> • Foreign policy of India • South –South Cooperation • Regional Groupings
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PRELIMS TEST 10

14 October 2019 Monday	Revision Test - 2	Syllabus of Prelims test 7 to 9	
Mains Test 11 (Essential Test)	23 October 2019 Wednesday	<u>GS – 3</u> Economy	<ul style="list-style-type: none"> • NCERTs • Indian Economy by Ramesh Sing/Sanjiv verma/ Kapila/ Dutt & Sundaram • Economic Survey • 2nd ARC (14th Report - Strengthening Financial • Management Systems) <p>Indian Economy and issues relating to planning, mobilization of resources, growth, development and employment.</p> <p>Inclusive growth and issues arising from it.</p> <p>Government Budgeting.</p> <p>Effects of liberalization on the economy, changes in industrial policy and their effects on industrial growth.</p>

			<p>Infrastructure: Energy, Ports, Roads, Airports, Railways etc.</p> <p>Investment models</p>	<ul style="list-style-type: none"> • Yojana & Kurukshetra • Three Year Action Agenda, • 2017-18 to 2019-20 – NITI Aayog
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PRELIMS TEST 11

**25
October
2019
Friday**

Indian Economy
(List of the topics and sources are given At the end)

CSAT TEST - 3

**25
October
2019
Friday**

Revision test of Test 1 & Test 2 syllabus

**Mains
Test
12
(Essential
Test)**

**2
November
2019
Saturday**

**GS – 3
Agriculture
+
Environment
& ecology**

Agriculture

- Major crops cropping patterns in various parts of the country, different types of irrigation and irrigation systems storage, transport and marketing of agricultural produce and issues and related constraints; e-technology in the aid of farmers
- Issues related to direct and indirect farm subsidies and minimum support prices; Public Distribution System objectives, functioning, limitations, revamping; issues

- NCERTs
- Indian Economy by Ramesh Sing/Sanjiv verma/ Kapila/ Dutt & Sundaram
- Economic Survey
- 2nd ARC (14th Report - Strengthening Financial Management Systems)
- Yojana & Kurukshetra

			<p>of buffer stocks and food security; Technology missions; economics of animal-rearing.</p> <ul style="list-style-type: none"> • Food processing and related industries in India- scope and significance, location, upstream and downstream requirements, supply chain management. • Land reforms in India. <p><u>Environment & ecology</u> Conservation, environmental pollution and degradation, environmental impact assessment</p>	<ul style="list-style-type: none"> • Three Year Action Agenda, • 2017-18 to 2019-20 – NITI Aayog <p><u>Environment & ecology</u></p> <ul style="list-style-type: none"> • NCERT • Shankar Environment • Down to earth magazine
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PRELIMS TEST 12

**3
November
2019
Sunday**

**Indian Economy & Agriculture
(List of the topics and sources are given At the end)**

PRELIMS TEST 13

**5
November
2019
Tuesday**

**Environment & Ecology
(List of the topics and sources are given At the end)**

**Mains
Test
13**

**12
November
2019
Tuesday**

**GS – 3
Science &
Technology
+**

Science and Technology

- Developments and their applications and effects in everyday life Achievements of

<p>(Essential Test)</p>		<p>Disaster management + Internal security</p>	<p>Indians in science & technology; indigenization of technology and developing new technology.</p> <ul style="list-style-type: none"> • Indigenization of technology and developing new technology. • Awareness in the fields of IT, Space, Computers, robotics, nano-technology, bio-technology and issues relating to intellectual property rights. <p><i>Disaster and disaster management.</i></p> <p><u>Internal security</u></p> <ul style="list-style-type: none"> • Linkages between development and spread of extremism. • Role of external state and non-state actors in creating challenges to internal security. • Challenges to internal security through communication networks, role of media and social networking sites in internal security challenges, basics of cyber security; money-laundering and its prevention • Security challenges and their management in border areas; linkages of organized crime with terrorism • Various Security forces and agencies and their mandate 	
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PRELIMS TEST 14

**14
November
2019
Thursday**

Science & Technology
(List of the topics and sources are given At the end)

**Mains
Test
14** **20
November
2019
Wednesday**

GS – 3 Full Length

**Mains
Test
15**

**21
November
2019
Thursday**

***Essay
(Test 3)***

- **Economy**
 - Indian Economy
 - Industrial Policy
 - Human Resource and Employment
 - Liberalization
 - Economic Planning
 - Fiscal Policy
 - External Sector
 - Sectors of Economy
 - Infrastructure
 - Tourism
 - MSME
 - Economic Justice
- **Agriculture**
 - Food Processing
 - Agriculture
 - Subsidies
 - PDS
- **Alternative future**
 - Climate change & global warming
 - Renewable energy technologies
 - Sustainable habitats
 - Conservation & development
- Disaster Management
- **Internal security Issues**

- Internal Security
- Cyber security
- Maritime Security Ideologies (Terrorism, Naxalism, Extremism)

PRELIMS TEST 15

**22
November
2019
Friday**

**Revision
Test - 3**

Syllabus of Prelims test 11 to 14

**Mains
Test
16
(Essential
Test)**

**29
November
2019
Friday**

**GS – 4
Ethics,
Integrity,
and
Aptitude**

Ethics and Human

Interface: Essence, determinants and consequences of Ethics in human actions; dimensions of ethics; ethics in private and public relationships.

Human Values - lessons from the lives and teachings of great leaders, reformers and administrators; role of family, society and educational institutions in inculcating values.

PRELIMS TEST 16

**1
December
2019
Sunday**

History
**(Ancient & Medieval India + Modern Indian
History + Post independent India + World
History)**
**(List of the topics and sources are given At the
end)**

Post Independent India
Politics in India since independence – Class XII
NCERT

World History

- **Themes In World History -- Class X**
- **India and the Contemporary World – I -- Class IX**
- **India and the Contemporary World – II -- Class IX**

CSAT TEST – 4

1
December
2019
Sunday

1. Comprehension

2. General mental ability

- (a) Series completion
- (b) Coding – Decoding
- (c) Blood Relations
- (d) Puzzle Test
- (e) Sequential Output Tracing
- (f) Direction Sense Test
- (g) Logical Venn diagrams
- (h) Alphabet Test
- (i) Number, Ranking & Time Sequence Test
- (j) Logical Sequence of Words
- (k) Arithmetical Reasoning
- (l) Inserting the Missing Character
- (m) Data Sufficiency
- (n) Decision Making
- (o) Assertion and Reason
- (p) Situation Reaction Test
- (q) Verification of Truth of the Statement

Mains
Test
17

7
December
2019

GS – 4

Attitude: content, structure, function; its influence and relation with thought and

(Essential Test)	Saturday	Ethics, Integrity, and Aptitude	<p>behaviour; moral and political attitudes; social influence and persuasion.</p> <p><u>Aptitude and foundational values for Civil Service:</u> integrity, impartiality and non-partisanship, objectivity, dedication to public service, empathy, tolerance and compassion towards the weaker-sections.</p> <p>Contributions of moral thinkers and philosophers from India and world.</p> <p><u>Emotional intelligence-</u> concepts, and their utilities and application in administration and governance</p>	
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PRELIMS TEST 17

8 December 2019 Monday	<u>Indian Polity</u> (List of the topics and sources are given At the end)
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Mains Test 18 (Essential Test)	15 December 2019 Sunday	<u>GS – 4</u> Ethics, Integrity, and Aptitude	<p><u>Public/Civil service values and Ethics in Public administration:</u> Status and problems; ethical concerns and dilemmas in government and private institutions; laws, rules, regulations and conscience as sources of ethical guidance; accountability and ethical governance; strengthening of ethical and moral values in governance; ethical issues in international relations and funding; corporate governance.</p>	
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Probity in Governance:

Concept of public service;
Philosophical basis of governance and probity; Information sharing and transparency in government, Right to Information, Codes of Ethics, Codes of Conduct, Citizen's Charters, Work culture, Quality of service delivery, Utilization of public funds, challenges of corruption.

PRELIMS TEST 18

**17
December
2019
Tuesday**

Indian Economy
(List of the topics and sources are given At the end)

**Mains
Test
19** **22
December
2019
Sunday**

GS – 4 Full Length

**Mains
Test
20** **23
December
2019
Monday**

Essay
(Test 4)

PRELIMS TEST 19

**25
December
2019
Wednesday**

Ancient & Medieval History
+
Art & Culture
(List of the topics and sources are given At the end)

PRELIMS TEST 20

**29
December
2019
Sunday**

Modern Indian History
(List of the topics and sources are given At the end)

CSAT TEST – 5

**29
December
2019
Sunday**

- 1. Comprehension**
- 2. Logical reasoning & Analytical ability**
 - (a) Logic
 - (b) Statement - Arguments
 - (c) Statement - Assumptions
 - (d) Statement - Courses of Action
 - (e) Statement – Conclusions
 - (f) Syllogism

Breakthrough Tests

**Mains
Test
21
(Break
through
test)**

**1
January
2019
Wednesday**

GS – 1
**Modern
Indian
History**
+
**Art &
Culture**
+
**World
History**
+
**Post
Independent
India**

Art & Culture

Indian culture will cover the salient aspects of Art Forms, Literature and Architecture from ancient to modern times.

Modern Indian History

- Modern Indian history from about the middle of the eighteenth century until the present- significant events, personalities, issues
- The Freedom Struggle - its various stages and important contributors /contributions from different parts of the country.

Art & Culture

- An Introduction to Indian Art - Class XI NCERT
- Living Craft Traditions of India - Chapters 9 and 10 -- Class XI NCERT
- Indian Culture -- Nitin Singhania
- CCRT website

			<p><u>Post Independent India</u> Post-independence consolidation and reorganization within the country.</p> <p><u>World History</u> History of the world will include events from 18th century such as industrial revolution, world wars, redrawing of national boundaries, colonization, decolonization, political philosophies like communism, capitalism, socialism etc.- their forms and effect on the society.</p>	<p><u>Modern Indian History</u></p> <ul style="list-style-type: none"> • NCERTs • India's struggle for independence – Bipin Chandra <p><u>Post Independent India</u></p> <ul style="list-style-type: none"> • NCERT • India since independence – Bipin Chandra • (or India after Gandhi – Ramachandra Guha) <p><u>World History</u></p> <ul style="list-style-type: none"> • NCERTs • Mastering Modern World History – Norman Lowe.
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PRELIMS TEST 21

**5
January
2019
Sunday**

**World Geography
(List of the topics and sources are given At the end)**

PRELIMS TEST 22

**9
January**

Indian Geography

2020 Thursday		(List of the topics and sources are given At the end)		
Mains Test 22 (Break through test)	11 January 2020 Saturday	<u>GS – 1</u> Indian Society + Geography	<p><u>Indian Society</u></p> <ul style="list-style-type: none"> • Salient features of Indian Society, Diversity of India. • Role of women and women's organization, population and associated issues, poverty and developmental issues, urbanization, their problems and their remedies. • Effects of globalization on Indian society • Social empowerment, communalism, regionalism & secularism. <p><u>Geography</u></p> <ul style="list-style-type: none"> • Salient features of world's physical geography. • Distribution of key natural resources across the world (including South Asia and the Indian sub-continent); factors responsible for the location of primary, secondary, and tertiary sector industries in various parts of the world (including India) • Important Geophysical phenomena such as earthquakes, Tsunami, Volcanic activity, cyclone etc., geographical features and their location- changes in critical geographical features (including water-bodies and ice-caps) and in flora and fauna and the effects of such changes. 	<p><u>Indian Society</u></p> <ul style="list-style-type: none"> • NCERT • IGNOU Material – Development • IGNOU Material – Sociology • Social Problems in India – Ram Ahuja. • Indian Social System – Ram Ahuja • Current Affairs <p><u>Geography</u></p> <ul style="list-style-type: none"> • NCERTs • Certificate Physical and Human Geography -- Goh Cheng Leong • Geography of India- Majid Hussain • Current Affairs

PRELIMS TEST 23

16
January
2020
Thursday

Revision
Test - 4

Syllabus of Prelims test 19 to 22

Mains
Test
23
18
January
2020
Saturday

GS – 1 Full Length

Mains
Test
24

19
January
2020
Sunday

Essay
(Test 5)

- *Indian Art & Culture*
- *Indian History*
- *Topics from World History*
- *Social Issues*
 - Indian Society
 - Feminism
 - Gender Justice
 - Unity & Diversity
- *Ethics and Philosophy*

PRELIMS TEST 24

26
January
2020
Sunday

Indian Polity
(List of the topics and sources are given At the end)

Mains
Test
25

29
January
2020
Wednesday

GS – 2
Polity
+
Governance

Indian Constitution- historical underpinnings, evolution, features, amendments, significant provisions and basic structure.

- NCERT
- Indian Polity by Laxmikant – 5th edition

<p>(Break through test)</p>			<p>Comparison of the Indian constitutional scheme with that of other countries</p> <p>Functions and responsibilities of the Union and the States, issues and challenges pertaining to the federal structure, devolution of powers and finances up to local levels and challenges therein.</p> <p>Separation of powers between various organs dispute redressal mechanisms and institutions.</p> <p>Parliament and State Legislatures - structure, functioning, conduct of business, powers & privileges and issues arising out of these.</p> <p>Structure, organization and functioning of the Executive and the Judiciary Ministries and Departments of the Government; pressure groups and formal/informal associations and their role in the Polity.</p> <p>Salient features of the Representation of People's Act.</p> <p>Appointment to various Constitutional posts, powers, functions and responsibilities of various Constitutional Bodies.</p> <p>Statutory, regulatory and various quasi-judicial bodies</p> <p>Important aspects of governance, transparency and accountability, e-governance- applications, models, successes, limitations, and potential; citizens charters, transparency & accountability and institutional and other measures.</p> <p>Role of civil services in a democracy.</p>	<ul style="list-style-type: none"> • Public Institutions in India- Performance and Design – Pratapa B hanu Mehta • Subhash Kashyap - Our Constitution, Our Parliament • Introduction to the Constitution of India - D D Basu • 2nd ARC (6th Report - Local Governance 13th Report - Organisation Structure of Government of India) • PRS • PIB • Three Year Action Agenda, 2017-18 to 2019-20 – NITI Aayog
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PRELIMS TEST 25

**1
February
2020
Saturday**

Indian Polity
(List of the topics and sources are given At the end)

PRELIMS TEST 26

**6
February
2020
Thursday**

**International
organisation
&
Government
Schemes**

- Class XII NCERT -- Contemporary World Politics
- Websites of Important organisation

Government schemes

- PIB
- PRS
- Ministry websites
- India Year book

CSAT TEST - 6

**6
February
2020
Thursday**

Revision test of Test 4 & Test 5 syllabus

**Mains
Test
26
(Break
through
test)**

**8
February
2020
Saturday**

**GS – 2
Social
justice
+
International
relations**

Social Justice

- Government policies and interventions for development in various sectors and issues arising out of their design and implementation
- Welfare schemes for vulnerable sections of the population by

- Yojana
- Kurukshetra
- PRS
- PIB
- Three Year Action Agenda, 2017-18 to 2019-20 – NITI Aayog

			<p>the Centre and States and the performance of these schemes; mechanisms, laws, institutions and bodies constituted for the protection and betterment of these vulnerable sections</p> <ul style="list-style-type: none"> • Issues relating to development and management of Social Sector/Services relating to Health, Education, Human Resources. • Issues relating to development and management of Social Sector/Services relating to Health, Education, Human Resources, issues relating to poverty and hunger. <p><u>International relations</u></p> <ul style="list-style-type: none"> • India and its neighbourhood-relations. • Bilateral, regional and global groupings and agreements involving India and/or affecting India's interests • Effect of policies and politics of developed and developing countries on India's interests, Indian diaspora. • Important International institutions, agencies and fora, their structure, mandate. 	<p><u>International relations</u></p> <ul style="list-style-type: none"> • Class 12 Political Science- Contemporary World Politics • India's Foreign Policy – Muchkund Dubey • Challenge And Strategy : Rethinking India's Foreign Policy – Rajiv Sikri • Ministry of External Affairs website • Current Affairs
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PRELIMS TEST 27

**14
February
2020**

**Revision
Test - 5**

Syllabus of Prelims test 24 to 26

Thursday

**Test
27**
**15
February
2020
Saturday**

GS – 2 Full Length

**Mains
Test
28**

**16
February
2020
Sunday**

**Essay
(Test 6)**

1. Ethics & Philosophy

2. Polity & Governance

- Federalism
- Institutions of India
- Local self- government
- Criminal Justice System
- Judiciary
- Democracy
- Rights
- Freedom of Speech
- Administrative Reforms

3. Social Justice

- Social Justice – Economic -justice – political Justice
- Health
- Education
- Poverty & Hunger
- Vulnerable Sections like women, old person and children.

4. IR

- Foreign policy of India
- South –South Cooperation
- Regional Groupings

PRELIMS TEST 28

**21
February**

Indian Economy & Agriculture

2020 Friday		(List of the topics and sources are given At the end)		
Mains Test 29 (Break through test)	25 February 2020 Tuesday	GS – 3 Economy + Agriculture	<p><u>Economy</u></p> <ul style="list-style-type: none"> • Indian Economy and issues relating to planning, mobilization of resources, growth, development and employment. • Inclusive growth and issues arising from it. • Government Budgeting. • Effects of liberalization on the economy, changes in industrial policy and their effects on industrial growth. • Infrastructure: Energy, Ports, Roads, Airports, Railways etc. • Investment models. <p><u>Agriculture</u></p> <ul style="list-style-type: none"> • Major crops cropping patterns in various parts of the country, different types of irrigation and irrigation systems storage, transport and marketing of agricultural produce and issues and related constraints; e-technology in the aid of farmers • 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. 	<ul style="list-style-type: none"> • NCERTs • Indian Economy by Ramesh Sing/Sanjiv verma/ Kapila/ Dutt & Sundaram • Economic Survey • 2nd ARC (14th Report - Strengthening Financial Management Systems) • Yojana & Kurukshetra • Three Year Action Agenda, • 2017-18 to 2019-20 – NITI Aayog

- Food processing and related industries in India- scope and significance, location, upstream and downstream requirements, supply chain management.
- Land reforms in India.

PRELIMS TEST 29

**28
February
2020
Friday**

**Environment & Ecology
(List of the topics and sources are given At the end)**

PRELIMS TEST 30

**3
March
2020
Tuesday**

**Science & Technology
(List of the topics and sources are given At the end)**

**Mains
Test
30
(Break through test)**

**6
March
2020
Friday**

**GS – 3
Environment & ecology
+
Science & Technology
+
Disaster management
+
Internal security**

Environment & ecology
Conservation, environmental pollution and degradation, environmental impact assessment

- Science and Technology**
- Developments and their applications and effects in everyday life Achievements of Indians in science & technology; indigenization of technology and developing new technology.
 - Indigenization of technology and developing new technology.

Environment & ecology

- NCERT
- Shankar Environment
- Down to earth magazine

- Awareness in the fields of IT, Space, Computers, robotics, nano-technology, bio-technology and issues relating to intellectual property rights.

Disaster and disaster management.

Internal security

- Linkages between development and spread of extremism.
- Role of external state and non-state actors in creating challenges to internal security.
- Challenges to internal security through communication networks, role of media and social networking sites in internal security challenges, basics of cyber security; money-laundering and its prevention
- Security challenges and their management in border areas; linkages of organized crime with terrorism
- Various Security forces and agencies and their mandate

PRELIMS TEST 31

**10
March
2020
Tuesday**

**Revision
Test - 6**

Syllabus of Prelims test 28 to 30

**Mains
Test
31**

**13
March
2020
Friday**

GS – 3 Full Length

**Mains
Test
32**

**14
March
2020
Saturday**

**Essay
(Test 7)**

- **Economy**
 - Indian Economy
 - Industrial Policy
 - Human Resource and Employment
 - Liberalization
 - Economic Planning
 - Fiscal Policy
 - External Sector
 - Sectors of Economy
 - Infrastructure
 - Tourism
 - MSME
 - Economic Justice
- **Agriculture**
 - Food Processing
 - Agriculture
 - Subsidies
 - PDS
- **Alternative future**
 - Climate change & global warming
 - Renewable energy technologies
 - Sustainable habitats
 - Conservation & development
- Disaster Management
- **Internal security Issues**
 - Internal Security
 - Cyber security
 - Maritime Security
 - Ideologies (Terrorism, Naxalism, Extremism)

CSAT TEST - 7

**15
March
2020
Sunday**

FULL SYLLABUS

**Mains
Test
33
(Break
through
test)**

**19
March
2020
Thursday**

**GS - 4
Ethics,
Integrity,
and
Aptitude**

Ethics and Human

Interface: Essence, determinants and consequences of Ethics in human actions; dimensions of ethics; ethics in private and public relationships.

Human Values - lessons from the lives and teachings of great leaders, reformers and administrators; role of family, society and educational institutions in inculcating values.

Attitude: content, structure, function; its influence and relation with thought and behaviour; moral and political attitudes; social influence and persuasion.

Aptitude and foundational values for Civil Service:

integrity, impartiality and non-partisanship, objectivity, dedication to public service, empathy, tolerance and compassion towards the weaker-sections.

Contributions of moral thinkers and philosophers from India and world.

PRELIMS TEST 32

**21
March
2020
Saturday**

India Year Book

**Mains
Test
34
(Break
through
h test)**

**26
March
2020
Thursday**

**GS – 4
Ethics,
Integrity,
and
Aptitude**

Emotional intelligence-
concepts, and their utilities and
application in administration and
governance

**Public/Civil service values
and Ethics in Public**

administration: Status and
problems; ethical concerns and
dilemmas in government and
private institutions; laws, rules,
regulations and conscience as
sources of ethical guidance;
accountability and ethical
governance; strengthening of ethical
and moral values in governance;
ethical issues in international
relations and funding; corporate
governance.

Probity in Governance:

Concept of public service;
Philosophical basis of governance
and probity; Information sharing
and transparency in government,
Right to Information, Codes of
Ethics, Codes of Conduct, Citizen's
Charters, Work culture, Quality of
service delivery, Utilization of public
funds, challenges of corruption.

PRELIMS TEST 33

**28
March
2020
Saturday**

Economic Survey & Budget

**Mains
Test
35** **4
April
2020
Saturday**

GS – 4 Full Length

**Mains
Test
36** **5
April
2020
Sunday**

**Essay
(Test 8)**

PRELIMS TEST 34

**7
April
2020
Tuesday**

- India Year Book
- Economic Survey
- Budget

PRELIMS TEST 35

**12
April
2020
Sunday**

**FULL LENGTH TEST
(COMPLETE SYLLABUS)**

CSAT TEST – 8

**12
April
2020
Sunday**

FULL SYLLABUS

Simulation Test

**Mains
Test
37**

**14 April
2020
Tuesday**

***Essay*
(Test 9)**

**Mains
Test
38
&
39**

**15
April
2020
Wednesd
ay**

GS - 1

GS - 2

**Mains
Test
40
&
41**

**16
April
2020
Thursday**

GS - 3

GS - 4

PRELIMS TEST 36

**18 April
2020
Sunday**

**FULL LENGTH TEST
(COMPLETE SYLLABUS)**

**Mains
Test
42**

**21
April
2020**

***Essay*
(Test 10)**

		Tuesday	
Mains Test 43 & 44	22 April 2020 Wednesday	GS - 1	GS - 2
Mains Test 45 & 46	23 April 2020 Thursday	GS - 3	GS - 4
PRELIMS TEST 37			
26 April 2020 Sunday	FULL LENGTH TEST (COMPLETE SYLLABUS)		
PRELIMS TEST 38			
3 May 2020 Sunday	FULL LENGTH TEST (COMPLETE SYLLABUS)		
PRELIMS TEST 39			
10 May 2020 Sunday	FULL LENGTH TEST (COMPLETE SYLLABUS)		

CSAT TEST – 9

**10
May
2020
Sunday**

FULL SYLLABUS

PRELIMS TEST 40

**17
May
2020
Sunday**

***FULL LENGTH TEST
(COMPLETE SYLLABUS)***

PRELIMS TEST 41

**24
May
2020
Sunday**

***FULL LENGTH TEST
(COMPLETE SYLLABUS)***

CSAT TEST – 10

**24 May
2020
Sunday**

FULL SYLLABUS

Ancient & Medieval Indian History

Ancient History

- ***Prehistoric period***
 - Paleolithic
 - Mesolithic
 - Neolithic
 - Chalcolithic
- Harappan / Indus Valley Civilization
- ***Vedic Age***
 - Early Vedic period
 - Later Vedic period
- Mahajanapadas & Rise of Magadh
- Religious Reforms
- Iranian & Macedonian Invasion
- Mauryan Age
- ***Post Mauryan Age***
 - Indo Greek Invasion
 - ✚ Indo-Greeks

New NCERTS

- Our Past - Class VI NCERT
- Our Past – II - Class VII NCERT
- Themes in Indian History – I – Class XII NCERT
- Themes in Indian History – II -- Class XII NCERT

Tamil Nadu History Textbook - Class XI

Old NCERTs

- Ancient India - class XI - by RS Sharma
- Medieval India - class IX - by Satish Chandra

- ✚ Parthians
- ✚ Shaka
- ✚ Kushanas
- ✚ Indo-Sassanian
- Sungas
- Kanvas
- Satavahanas
- Guptas Age
- Sangam Age
- Regional Kingdoms
- **Post Guptas Age**
 - Harshavardhana
 - Pallava
 - Chalukya

Medieval History

- Triparty Struggle
 - Pratiharas
 - Palas
- Chola Empire
- Turkish conquest of India
 - Ghaznavid
 - Muhammad Ghuri
- Rajput states
- Delhi sultanate
 - Slave dynasty
 - The Khaljis
 - The Tughlaqs
 - The Sayyids
 - The Lodhis
- Mughal empire (Including later Mughals)
- Maratha Confederacy
- Southern Dynasties
 - Hoysalas
 - Yadavas
 - Kakatiyas
- Vijaynagara
- Bahmani Kingdom
- Regional kingdoms
- Religious Movements
 - Bhakti Movement
 - Sufi Movement

(Brief History, Salient Features, Social, Economics, Religious and Cultural conditions of all the above)

Indian Art & Culture

1. Architecture

- Cave Architecture
- Temple Architecture
- Indo-Islamic Architecture
- Modern Architecture

(Under Indus Valley Civilization, The Mauryan Architecture, The Sungas, Kushanas, Satavahanas & Guptas, Post Guptas, Delhi-Sultanate, Mughals etc)

2. Sculpture -- Indian Sculpture and Different schools of Art

3. Indian Paintings

- Pre historic painting & Cave paintings
- Mural Paintings
- Miniature Paintings - Pala School, Rajput Paintings, Mughal Paintings, Hill paintings etc.
- Folk Paintings
- Modern Indian Paintings Personalities Associated

4. Religion

- Hinduism
- Jainism
- Buddhism
- Islam
- Christianity
- Zoroastrianism
- Judaism

5. Philosophy

- Six Schools of Philosophy
- Ajivika
- Lokayata etc.

6. Indian Music

- Classical Music

- | |
|---|
| <ol style="list-style-type: none">1. An Introduction to Indian Art - Class XI NCERT2. Living Craft Traditions of India - Chapters 9 and 10 -- Class XI NCERT3. Indian Culture -- Nitin Singhanian4. CCRT website |
|---|

- Hindustani Music
- Carnatic Music
- Folk Music Tradition
- Modern Music
- Personalities

7. Indian Dance

- Classical Dance forms in India – Odissi, Kathak, Kathakali, Mohiniattay, Sattriya, Manipuri, Bharatanatyam, Kuchipudi
- Folk Dances
- Modern Dance in India

8. Theatre

- Sanskrit Theatre
- Folk Theatre
- Modern Theatre
- Personalities

9. Puppetry

- History
- Different forms of Puppetry in
- People Associated with Theatres

10. Indian Cinema and Circus

11. Bhakti & Sufi Movement

12. Language & Literature

- Indian Language
 - Classical Languages
 - Scheduled Languages
- Indian Literature
 - Religious Literature
 - Secular Literature

13. Fairs, Festivals and Craft -Religious Festivals, Secular Festivals (States & UT's), Art & Crafts

14. Science & Technology

- Ancient, Science & Technology
- Medieval Science & Technology
- Famous Personalities in
- Ancient and Medieval India

15. Promotion and Preservation of Indian Heritage

- Indian World Heritage Sites – Tangible & non-tangible heritage, Tentative list
- Cultural Heritage Sites
- Natural Heritage Sites
- Important Institutions

Modern Indian History

- Fall of Mughals
- **Advent of Europeans**
 - Coming of Europeans
 - Struggle among Europeans
 - Rise of East India Company
- **India under East India Company's Rule**
 - Administration
 - Political policies
 - ✚ Regulating Act of 1773
 - ✚ Pitt's India Act 1784
 - ✚ Charter acts of 1784, 1793, 1813, 1833, 1853
 - British Expansion policy: Doctrine of lapse, Subordinate alliance etc.
 - Economic policies and their impact
 - ✚ Agricultural policies
 - ✚ Famine policy
 - Foreign Policies
 - Social Policies
 - ✚ Education Policies
 - ✚ Religious policies
- **Indian Kingdoms in 18th century**: Marathas, Punjab, Mysore, Hyderabad etc.
- **Socio - Religious Reform Movements in the 19th and 20th CE India** – Arya Samaj, Brahma Samaj, etc.
- The Great Revolt of 1857

Modern Indian History

- Our Past - III (Part – I & Part -- II) - Class VIII NCERT
- Themes in Indian History - III – Class XII NCERT
- Modern India – Spectrum Publication
- India's struggle for independence – Bipin Chandra
- Plassey to Partition – Shekhar Bhandopadhyay
- Modern India – Sumit Sarkar

- Changes in Indian Administration after 1858 - GOI ACT 1858, Councils Act, 1861, 1892.
- Growth of Political Ideas and Political Organisations (up to 1885)
- Foundation of the Indian National Congress

- **National movement (1885 - 1919)**
 - Moderate Phase (1885 – 1905)
 - Partition of Bengal and the Swadeshi Movement
 - The first phase of Revolutionary and Terrorist Movement
 - The Morley-Minto Reforms or the Indian Councils Act, 1909
 - The Lucknow Pact (1916)
 - The Home Rule Movement

- **National movement (1919 - 1939)**
 - Montague-Chelmsford Reforms or the Government of India act, 1919
 - The Khilafat Movement (1920-22) and Non Cooperation Movement
 - The Left Movement
 - The second phase of Revolutionary and Terrorist Movement
 - Anti-Simon Commission Agitation (1928-29)
 - Nehru Report, 1928
 - The Lahore Session, 1929
 - The Civil Disobedience Movement
 - The Government of India Act, 1935
 - Provincial Elections and Formation of popular Ministries in Provinces, 1937

- **Freedom to Partition (1939 - 1947)**
 - The Second World War and the National Movement
 - The August Offer 1940
 - The Individual Satyagraha 1940-41
 - The Cripps Proposal, 1942
 - The Quit India Movement, 1942
 - Subhash Bose and Indian National Army
 - Rajagopalachari Formula & Desai Liaquat Plan
 - Wavell Plan and Simla Conference 1945
 - General Elections in India, 1945
 - Naval Mutiny: 1946
 - The Indian Independence Act, 1947

- **Other Dimensions**
 - Tribal Movements
 - Peasants Movement
 - Dalit Movements
 - Women movement
 - Role of Press and Publications
 - Role of Business groups

- **Miscellaneous:** Reforms / Acts / Committee, Congress Sessions, Governor – General Viceroys etc.

World Geography

Continents - Major physical features, natural resources

1. Origin and evolution of Universe Solar system

- Geological History of the Earth
- Geological Time scale Latitude and Longitude including important Parallels and Meridians
- Motions of the Earth and their effects
Inclination of the Earth's Axis and its effects
- Local and Standard Time and the International Date Line, Calendar
- Eclipses - Solar, Lunar

1. The Earth Our Habitat - Class VI NCERT
2. Fundamentals of Physical Geography – Class XI NCERT
3. Resource and Development - Class VIII NCERT
4. Fundamentals of Human Geography – Class XII NCERT
5. Certificate Physical and Human Geography -- Goh Cheng Leong
6. World Mapping – Atlas

2. Geomorphology

- Interior structure of the earth
- Rock
- Landform Development
- First order (continental drift theory, sea floor spreading, plate tectonics theory)
- Second order (Mountains, Plateaus, Plains & other landforms)
- Internal forces & their impact - Volcanoes, Earthquakes,
- Folding, Faulting, Isostasy
- External forces & their impact - Weathering, Erosion & landforms thus developed

3. Climatology

- Structure, Composition of atmosphere
- Weather & Climate
- Heat & temperature
 - Insolation
 - Heat Budget
 - Distribution of temperature
 - Temperature Inversion
- Pressure and Pressure belts
- Winds

- ✚ Planetary winds
- ✚ Seasonal winds
- ✚ Local winds
- Precipitation-Forms & Types, Distribution of rainfall
- Air Masses
- Cyclones and anti-cyclones
- World Climatic regions

4. **Oceanography**

- Bottom relief Features
- Ocean waves, currents, tides & Tsunamis
- Temperature distribution
- Salinity distribution
- Marine resources

5. **Biogeography**

- Soils
 - ✚ Classification
 - ✚ Distribution
 - ✚ Erosion & Conservation
- Biomes

World Economic and Human Geography:

1. Natural resources and mineral resources and distribution of key natural resources across the world
2. Agriculture and agro-climatic **regions**
3. Industry and location factors
4. Infrastructure
5. World Population, density & distribution, races & tribes,
6. settlements & migration

Indian Geography

Physical Geography of India

1. Location

- Latitude
- Longitude
- Physiographic division of India
 - Northern Mountains
 - Plains of India
 - Peninsular Plateau
 - Islands of India
- Drainage System
 - Himalayan Drainage System
 - Peninsular Drainage System
 - Other small river system

1. Contemporary India - I - Class IX
NCERT
2. Contemporary India - II - Class X
NCERT
3. India Physical Environment - Class XI
NCERT
4. India - People and Economy - Class XII
NCERT
5. Indian Mapping - Atlas

2. Indian Climate

- Spatial and temporal distribution of temperature & pressure
- Winds
- Rainfall
 - Indian Monsoon
 - ✚ Mechanism
 - ✚ Onset
 - ✚ Variability
 - Rainfall distribution
- Climatic Regions of India

3. Soils

- Classification of Soils
- Problems of Soil and Conservation

4. Indian Flora & Faun

- Forests and their distribution
- Forest Conservation
- Fauna

Indian Economic and Human Geography

1. Agriculture typology and major Crops grown in India
2. Agro-Climatic Regions
3. Land Reforms and Land use pattern
4. Animal Husbandry, Fisheries and Aquaculture
5. Water Resources- Availability and potential: Lakes, rivers, dams, power and irrigation projects, wetlands and interlinking of rivers
6. Mineral Resources- classification and distribution
7. Energy Resources- conventional and non-conventional resources

8. Population and Growth trends - density, sex ratio, literacy, tribes and racial groups in India
9. Rural and Urban Settlements- types and patterns
10. Industries- types and their locational factors
11. Transport and Communication -railways, highways, inland
12. water transport, shipping and sea-ports, air transport

Map Based Questions from India (Location of state, city, river, lakes, important places including Ramsar sites, Biosphere Reserves, Wildlife Sanctuaries and National Parks)

Indian Polity

1. Background

- Constitutionalism
- Historical Underpinnings
- Evolution & Making of the Constitution
- Features and Significant Provisions
- Political systems
 - ✚ Democratic & Non-Democratic
 - ✚ Parliamentary & Presidential
 - ✚ Unitary & Federal
 - ✚ Direct and Representative
 - ✚ Republic and Monarchy etc.
- The Preamble
- The Union and its Territory
- Citizenship
- Fundamental Rights
- Directive Principles
- Fundamental Duties
- Amendment of Constitution
- Basic Structure of the Constitution
- Emergency Provisions

- Indian Constitution at Work – Class XI
- Democratic Politics – Class IX
- Democratic Politics -- Class X
- Indian Polity by Laxmikant – 5th edition
- Institutions in India Public
Institutions in India: Performance and Design – Pratapa Bhanu Mehta
- Subhash Kashyap - Our Constitution, Our Parliament
- Introduction to the Constitution of India - D D Basu

2. Central Government

- President of India
- Vice President of India
- Prime minister
- Central Council of Ministers, Parliament

3. State Government

- Governor

- Chief Minister
- State Council of Ministers
- State Legislature

4. Judiciary

- Supreme Court
- High Courts
- Subordinate Courts

5. Indian Federalism

- Centre-State Relations
- Inter-state Relations

6. Local Government

- Panchayati Raj
- Local Urban Government

7. Other Dimensions

- Official Language
- Public Services
- Tribunals
- Special provisions for SCs, STs, BCs, Minorities & Anglo-Indians
- Rights and liabilities of the Government
- Authoritative text in Hindi Language
- Anti-defection law

8. Political dimensions

- Ministries and Departments of the Government
- Pressure groups
- Elections & political parties
- Representation of People's Act
- Election Process
- Governance
- Transparency & Accountability
- RTI
- Citizen's Charter
- e-Governance

9. Constitutional Bodies

- Election Commission
- Union Public Service Commission (UPSC)
- State Public Service Commission (SPSC)
- Finance Commission
- CAG

- Attorney general of India
- Advocate general of India
- Special officer for Linguistic Minorities
- National Commission for Scheduled Castes (NCSC)
- National Commission for Scheduled Tribes (NCST)
- National Commission for Backward Castes (NCBC) etc.

10. Non-Constitutional Bodies

NITI Aayog, NHRC, SHRC, CIC, SIC, CVC, CBI, Lokpal, Lokayukta, NCPCR etc.

11. International Institutions

UN, World Bank, IMF, WIPO, ADB, BRICS etc.

Indian Economy

1. National Income Accounting:

- Definition
- **Concepts:** GDP, GNP, Market Price and Factor Cost, NNP, NDP, transfer payments, National income at FC, Personal Income, disposable income, factors affecting national income, net foreign factor income
- **Measurement of national income:** value added method, income method, expenditure method, Application of various methods, Base year, GDP deflator
- Debates around GDP and other indices

2. Money and Banking

- **Money**
 - Definition
 - Functions and significance
 - Evolution of Money
 - Money supply in India and factors affecting it
- **Banking**
 - Need of banks
 - Function
 - Commercial Banks
- **Central Bank:**
 - Importance

NCERT

- Economics - Class IX
- Understanding Economic Development - Class X
- Introductory Macroeconomics – Class XII
- Introductory Microeconomics – Class XII
- Indian Economic Development - Class XI
- Indian Economic development - Class XI

Indian Economy by Ramesh Singh/Sanjiv verma/ Kapila/ Dutt & Sundaram

Functions
Structure
Monetary Policy
Policy tools, (CRR, SLR, OMO, Repo and Rev Repo, MSF etc.)

- **Banking Reforms**

3. Capital Markets & Money Markets

- Basic Terms and Concepts, Equity and debt Instruments
- Primary market and Secondary markets etc.

4. Inflation and Employment

- **Inflation**
 - Definition
 - Inflationary Gap and Inflationary process
 - Inflation Cycles: Demand Pull Inflation, Cost Push Inflation,
 - Causes of Inflation
 - Inflation Control measures
- **Unemployment**
 - Types of Unemployment: Structural, Seasonal, Frictional, Cyclical
 - Nature of Unemployment in India

5. Government budgeting and Fiscal Policy

- Budgeting
 - Evolution of Budgeting
 - Institutions and Laws
 - The Union Budget: Components - Revenue Account,
 - Capital Account, Measures of Government Deficit etc.,
 - Weaknesses in the Budgetary Process
- Fiscal Policy
 - Public Finance - Role and Importance,
 - Public Expenditure - Revenue and Capital, Development and Non-Development
 - Public Revenue
 - ✚ Sources of Revenue
 - ✚ Taxes
 - ✓ Classification - Direct and Indirect, Specific and Ad Valorem
 - ✓ Social and Economic Objectives of Taxes
- Public Debt
- Deficit Financing

6. External Sector and Currency Exchange rate

- Balance of Payments: Definition, Current and Capital Accounts, Convertibility
- FDI, FII -- issues, challenges etc.
- Foreign Trade of India
- Trade Policy

- Product wise trade
- Region wise trade
- Subsidy boxes
- WTO related issues
- and India
- Intellectual Property Rights

7. International Trade and Bodies:

- IMF: Purpose and
- Objectives, Organization and Functions, Working and
- Evaluation, IMF and Underdeveloped Countries, SDR's,
- Reforms etc.,
- World Bank
- Bilateral and Regional Cooperation

8. Industrial Sector:

- Industrial Policies
- Licensing
- MSME
- Labour Reforms
- Companies Act
- Make in India, Skill India
- Challenges in Industrial development
- Organised and unorganised sector
- PPP
- Investment models

9. Initiatives by the govt.

- Government policies
- Five year Plans: Priorities and Performance, Issues
- related to planning
- Economic Policies till 1991
- Economic Reforms since 1991: End of license Raj, Liberalization, Privatisation and Globalisation

10. Infrastructure:

IT, Communication, Urbanisation, Transport, Mining, etc.

Agriculture

- Recent trends in Agriculture Sector
- Cropping System and Pattern;
- Agricultural Marketing and Reforms
- Agricultural Research;
- Sustainable Agriculture;
- Animal Husbandry
- PDS
- Farm distress and government initiatives

Environment & Ecology

1. Ecology and Functions of an ecosystem

- Terrestrial ecosystems
- Aquatic ecosystems

2. Environmental problems:

- Climate Change
- Acidification
- Eutrophication
- Ozone Depletion
- Mitigation Strategies
- India and Climate Change

- Our Environment - Class VII
- Biology - Class XII - Chapters 14-16 (Under Units 10)
- ICSE Environmental Studies - Class IX – S. Chand Publication – 2018 Edition
- ICSE Environmental Studies - Class X -- S. Chand Publication – 2008 Edition
- Environment – Shankar IAS

3. Environmental pollution

- Pollutants
- Air pollution
- Water Pollution
- Soil Pollution
- Noise Pollution
- Radioactive pollution
- E-Waste
- Solid Waste
- Bioremediation

4. Biodiversity

- Basic Concepts
- Plant and Animal Diversity
- Marine Organisms
- Threat to Biodiversity
- Protected Area Network: National parks, Wildlife sanctuaries, Biosphere reserves, Reserved and protected forests, Conservation and community

reserves, Village and panchayat Forests, Private protected areas, Conservation areas

- Biodiversity Conservation efforts
- Indian Biodiversity ad conservation efforts
- Bioprospecting
- Biosafety
- Biopiracy

5. Conservation efforts: India and World

- Institutional and Organizational mechanisms
- Environmental Acts and Policies
- Environmental conventions
- Sustainable development Environmental Monitoring and Impact Assessment

Science & Technology

1. S&T in India

- Historical Perspective
- Science and Planning
- S&T Policies in Independent India
- S&T Infrastructure in India
- Department of Science and Technology

- NCERT Class VI to Class X
- Class XI – Chemistry: Unit 14
- Class XI – Biology: Units 4 & 5
- Class XII – Chemistry: Unit 16
- Class XII – Biology: Units 8, 9 & 10
- Current Affairs
 - Science reporter
 - News paper

2. Earth Sciences

- Weather Forecasting and Climate Research in India
- Seismology Research
- Ocean Development
- Natural Disasters

3. Energy

- Types of Energy Resources
- Fossil Fuels
- Renewable Sources and their Development in India

4. Nuclear Science

- Radioactivity
- Radioisotopes
- Nuclear Power
- Applications of Nuclear S&T

- Safety Issues
- Nuclear Weapons
- India's Nuclear Science Programme
- Particle Physics

5. **Information Technology**

- Electronics
- Computers
- The Internet
- Computer Security
- Telecommunication
- India and Info-Tech
- Artificial Intelligence
- Robots and Robotics
- Fibre Optics
- Computer- and IT-Related Terms and Products

6. **Lasers**

- Principles and Types
- Applications
- Basic Science
- Industry
- Defence
- Nuclear Energy
- Health and Medical Care
- Laser Technology in India

7. **Superconductivity**

- What is Superconductivity
- Uses and Applications
- Research in India

8. **Nanotechnology**

- Understanding Nanotechnology
- Approaches in Nanotechnology
- Applications
- Implications and Various Concerns
- Nanotechnology in India
- Nano Mission

9. **Astronomy and Space Research**

- Astronomy and its Importance
- The Origin and Development of the Universe

- Accelerating Expansion of the Universe
- The Objects in the Universe
- Observing the Universe
- Space Exploration
- Elements of Space Research and Technology
- Major Space Probes
- India's Space Programme
- India's Space Ventures
- Space Applications
- Milestones in India's Space Ventures
- Space-Industry Partnership in India
- Export Promotion
- International Cooperation in Space
- Space Garbage and Dealing with it
- Terms

10. **Defence Research and Technology**

- Weapon Innovations of Note
- Defence R&D in India

11. **Health and Medicine**

- Disease-Causing Agents
- Infectious Diseases
- Non-Infectious or Degenerative Diseases
- Deficiency Diseases
- Allergies
- Cancer
- Recent Life Style Concerns
- Health Policies and Programmes in India
- Indian Systems of Medicine and Homoeopathy

12. **Genetics**

- What is Genetics
- Physical Basis of Heredity
- Chemical Basis of Heredity
- Gene Mapping
- Genome Analysis and Human Genetics

13. **Biotechnology**

- What is Biotechnology
- Biotechnology Techniques
- Genetic Engineering

- DNA Fingerprinting
- Cloning
- Artificial Insemination and Embryo
- Stem Cell Technology
- Applications of Biotechnology
- Biotech Research in India
- Patents and Biotechnology

14. Applications of S&T

- ***Agriculture and Rural Development***

- Basic Resources of Agriculture
- Environment-Friendly Agriculture
- Sustainable Agriculture
- S&T Advancements in Agricultural Produce in India
- Genetically Modified Crops: Biosafety and Regulation
- Animal Husbandry
- Agriculture in Special Areas
- Climate-Smart Agriculture
- Research, Education, Transfer of Technology in India
- S&T and Rural Development in India

- ***Industry***

- Major R&D Infrastructure in India
- Contribution of CSIR
- Intellectual Property Rights
Comments on the National IPR Policy