



Officers' IAS Academy's –

Prelims 2023

Test Series

Prelims Test Split-up:

Subject	No. of Tests
Polity	3
Geography	3
Economics	3
Environment	3
History	4
Art and Culture + S&T	1
International Relations	1
Economic Survey & Budget	1
Full Mock Test	10
Total Number of Tests	29

Prelims Test Schema:

Test No	Date	Subject
1	27.11.2022	Polity 1
2	04.12.2022	History 1
3	11.12.2022	Economy 1
4	18.12.2022	Geography 1
5	25.12.2022	Environment 1
6	01.01.2023	Polity 2
7	08.01.2023	History 2
8	15.01.2023	Economy 2
9	22.01.2023	Geography 2
10	29.01.2023	Environment 2
11	05.02.2023	Polity 3
12	12.02.2023	History 3
13	19.02.2023	Economy 3
14	26.02.2023	Geography 3
15	05.03.2023	Environment 3
16	12.03.2023	History 4
17	19.03.2023	Art & Culture + S&T
18	26.03.2023	IR + Environment (Miscellaneous)
19	02.04.2023	Economic Survey & Budget
20	06.04.2023	Forenoon: GS Full Test - 1
21	11.04.2023	Forenoon: GS Full Test - 2
22	16.04.2023	Forenoon: GS Full Test - 3
23	21.04.2023	Forenoon: GS Full Test - 4
24	26.04.2023	Forenoon: GS Full Test - 5
25	01.05.2023	Forenoon: GS Full Test - 6
26	06.05.2023	Forenoon: GS Full Test - 7
27	11.05.2023	Forenoon: GS Full Test - 8
28	16.05.2023	Forenoon: GS Full Test - 9
29	21.05.2023	Forenoon: GS Full Test - 10

NOTE:

- **All these are Prelims based Tests with Multiple Choice Questions.**
- **Students shall take all the tests in UPSC format:**
 - **Total time allotted: 2 Hours**
 - **Mode of Exam: Multiple Choice Questions – answers to be Shaded in the OMR Sheet**
 - **Maximum Marks: 200 Marks**
- **From Test 20 – 29, it shall be full test in UPSC format, with GS test scheduled in the Forenoon.**

Full-Length Prelims Test Detailed Schedule:

Test No	Date	Subject	GS Syllabus & Sources	Current Affairs - Sources
1	27.11.2022	Polity 1 + Current Affairs - May 2022	<p>GS Syllabus:</p> <ul style="list-style-type: none"> ▪ Salient Features of the Constitution ▪ Preamble of the Constitution ▪ Centre and State Government ▪ President and Vice-President ▪ Governor, Prime Minister/Chief Minister ▪ Central Council of Ministers/State Council of Ministers <hr/> <p>GS Sources:</p> <p>NCERTs:</p> <ul style="list-style-type: none"> ▪ Class XI: Political Science: Political Theory (Relevant Topics) ▪ Class XI: Political Science: Indian Constitution at Work (Relevant Topics) <p>Reference Books:</p> <ul style="list-style-type: none"> ▪ OIA POLITY BOOK (or) Indian polity by Laxmikanth <p>Others:</p> <ul style="list-style-type: none"> ▪ Class Notes + Class PPTs 	<p>Sources:</p> <ul style="list-style-type: none"> ▪ Officer's Pulse - May 2022 ▪ 'The Hindu' News Paper - May 2022
2	04.12.2022	History 1 + Current Affairs - May 2022	<p>GS Syllabus:</p> <ul style="list-style-type: none"> ▪ Ancient History – Full <hr/> <p>GS Sources:</p> <p>NCERTs:</p> <ul style="list-style-type: none"> ▪ Class VI: (New) NCERT: Our Past - 1 ▪ Class XI: (Old) NCERT: Ancient India – By R S Sharma (or) Ancient India - by R S Sharma (Pvt. Publication) ▪ Class XII: (New) NCERT: Themes in Indian History – Part 1 <p>Others:</p> <ul style="list-style-type: none"> ▪ Class Notes + Class PPTs 	<p>Sources:</p> <ul style="list-style-type: none"> ▪ Officer's Pulse - May 2022 ▪ 'The Hindu' News Paper - May 2022
3	11.12.2022	Economy 1 + Current Affairs - June 2022	<p>GS Syllabus:</p> <ul style="list-style-type: none"> ▪ Sectors of Economy ▪ Inflation ▪ Monetary Policy & It's tools ▪ National Income <hr/> <p>GS Sources:</p> <p>NCERTs:</p> <ul style="list-style-type: none"> ▪ Class X - Understanding Economic development (Relevant Topics) ▪ Class XI - Indian Economic Development (Relevant Topics) ▪ Class XII - Introductory Macroeconomics (Relevant Topics) <p>Reference Books:</p> <ul style="list-style-type: none"> ▪ OIA BOOK Indian Economy ▪ Indian Economy key concepts by Shankar Ganesh 	<p>Sources:</p> <ul style="list-style-type: none"> ▪ Officer's Pulse - June 2022 ▪ 'The Hindu' News Paper - June 2022

			Others: <ul style="list-style-type: none"> Class Notes + Class PPTs 	
4	18.12.2022	Geography 1 + Current Affairs - June 2022	GS Syllabus: World Geography-I Lithosphere: <ul style="list-style-type: none"> Origin of the Earth Interior, Isostasy Evolutionary Theories Plate Tectonics Evidences of the Earth's Interior Chemical Composition and Layering System of the Earth Classification of Rocks Earth's Movements Weathering, Erosion & Associated Land forms Indian Geography-I Location and Extent: <ul style="list-style-type: none"> Nomenclature & Location of India India & International Boundaries Physio graphic Divisions of India Drainage: <ul style="list-style-type: none"> Evolution of Drainage System & Changes in course of Rivers Himalayan River System Peninsular River System Difference between Himalayan & Peninsular River System 	Sources: <ul style="list-style-type: none"> Officer's Pulse - June 2022 'The Hindu' News Paper - June 2022
			GS Sources: NCERTs: <ul style="list-style-type: none"> Class VI - XII - Geography Books. (Relevant Topics) OIA Book on Geography Reference Books: <ul style="list-style-type: none"> Certificate Physical and Human Geography - G.C. Leong 	
5	25.12.2022	Environment 1 + Current Affairs - July 2022	GS Syllabus: <ul style="list-style-type: none"> Environment Components of environment Ecology Levels of ecology Principles of ecology Biomes- terrestrial and aquatic biomes 	Sources: <ul style="list-style-type: none"> Officer's Pulse - July 2022 'The Hindu' News Paper - July 2022
			GS Sources: <ul style="list-style-type: none"> OIA environment book (or) <ul style="list-style-type: none"> NIOS material on environment Others: <ul style="list-style-type: none"> Class Notes + Class PPTs 	

6	01.01.2023	Polity 2 + Current Affairs - July 2022	<p>GS Syllabus:</p> <ul style="list-style-type: none"> ▪ Parliament and State Legislature ▪ Composition, Duration, Sessions of houses ▪ Qualification and Disqualification of members of Parliament and State legislature ▪ Anti-Defection Law ▪ Officers of Parliament – Speaker, Deputy Speaker, Chairman, Deputy Chairman ▪ Legislative procedure – Special provisions with respect to Joint sitting, Money bills, financial bills, Expenditure charged on Consolidated fund etc; ▪ Legislative control – like Zero-hour, question hour, No-Confidence motion etc; ▪ Indian Judiciary-Supreme Court, High Court and Subordinate Courts ▪ Appointment, Removal, Jurisdiction of Supreme Court and High Courts <p>GS Sources:</p> <p>NCERTs:</p> <ul style="list-style-type: none"> ▪ Class XI - Political Science: Political Theory (Relevant Topics) ▪ Class XI - Political Science: Indian Constitution at Work (Relevant Topics) <p>Reference Sources:</p> <ul style="list-style-type: none"> ▪ Constitution of India ▪ OIA Polity Book <p>OR</p> <ul style="list-style-type: none"> ▪ Indian polity by Laxmikanth <p>Others:</p> <ul style="list-style-type: none"> ▪ Class Notes + Class PPTs 	<p>Sources:</p> <ul style="list-style-type: none"> ▪ Officer's Pulse - July 2022 ▪ 'The Hindu' News Paper – July 2022
7	08.01.2023	History 2 + Current Affairs - August 2022	<p>GS Syllabus:</p> <ul style="list-style-type: none"> ▪ Medieval History – Full <p>GS Sources:</p> <p>NCERTs:</p> <ul style="list-style-type: none"> ▪ Class VII: (New) NCERT: Our Past - 2 ▪ Class XI: (Old) NCERT: Medieval India – By Satish Chandra (or) History of Medieval India - By Satish Chandra (Pvt. Publication) ▪ Class XII: (New) NCERT: Themes in Indian History – Part 2 <p>Others:</p> <ul style="list-style-type: none"> ▪ Class Notes + Class PPTs 	<p>Sources:</p> <ul style="list-style-type: none"> ▪ Officer's Pulse - August 2022 ▪ 'The Hindu' News Paper – August 2022
8	15.01.2023	Economy 2 + Current Affairs - August 2022	<p>GS Syllabus:</p> <ul style="list-style-type: none"> ▪ Banking ▪ Public Finance ▪ Planning <p>GS Sources:</p> <p>NCERTs:</p> <ul style="list-style-type: none"> ▪ Class X - Understanding Economic 	<p>Sources:</p> <ul style="list-style-type: none"> ▪ Officer's Pulse - August 2022 ▪ 'The Hindu' News Paper – August 2022

			<ul style="list-style-type: none"> development (Relevant Topics) ▪ Class XI - Indian Economic Development (Relevant Topics) ▪ Class XII - Introductory Macroeconomics (Relevant Topics) <p>Reference Books:</p> <ul style="list-style-type: none"> ▪ OIA Book Indian Economy ▪ Indian Economy key concepts by Shankar Ganesh <p>Others:</p> <ul style="list-style-type: none"> ▪ Class Notes + Class PPTs 	
9	22.01.2023	<p>Geography 2</p> <p>+</p> <p>Current Affairs - September 2022</p>	<p>GS Syllabus:</p> <p><u>World Geography-II</u></p> <p>Atmosphere:</p> <ul style="list-style-type: none"> ▪ Compositions & Structure of Atmosphere ▪ Green House Effect ▪ Insolation ▪ Heat Budget of Earth and Atmosphere ▪ Distribution of Temperature ▪ Atmospheric Pressure ▪ Wind ▪ Cyclones & Jet Streams ▪ Humidity & Rainfall ▪ Climatic Classification & Structure <p>Hydrosphere:</p> <ul style="list-style-type: none"> ▪ Oceanic Temperature & Salinity ▪ Circulation of Ocean Water ▪ Ocean Waters ▪ Ocean Currents ▪ Tides <p><u>Indian Geography-II</u></p> <p>Climate, Soils & Natural Vegetation:</p> <ul style="list-style-type: none"> ▪ Factors influencing the climate of India ▪ The Monsoon ▪ Climate Regions of India ▪ Soils of India ▪ Natural Vegetation of India 	<p>Sources:</p> <ul style="list-style-type: none"> ▪ Officer's Pulse - September 2022 ▪ 'The Hindu' News Paper - September 2022
10	29.01.2023	<p>Environment 2</p> <p>+</p> <p>Current Affairs - September 2022</p>	<p>GS Syllabus:</p> <ul style="list-style-type: none"> ▪ Ecosystem ▪ Components of ecosystem ▪ Major ecosystems of the world ▪ Human modified ecosystem ▪ Environmental degradation, management and conservation ▪ Environmental pollution 	<p>Sources:</p> <ul style="list-style-type: none"> ▪ Officer's Pulse - September 2022 ▪ 'The Hindu' News Paper - September 2022
			<p>GS Sources:</p> <p>NCERTs:</p> <ul style="list-style-type: none"> ▪ Class VI - XII - Geography Books. (Relevant Topics) <p>Reference Books:</p> <ul style="list-style-type: none"> ▪ Certificate Physical and Human Geography. 	
			<p>GS Sources:</p> <ul style="list-style-type: none"> ▪ OIA environment book 	

			(or) <ul style="list-style-type: none"> NIOS material on environment Others: <ul style="list-style-type: none"> Class Notes + Class PPTs 	
11	05.02.2023	Polity 3 + Current Affairs - October 2022	GS Syllabus: <ul style="list-style-type: none"> Historical Background Making of the Constitution Fundamental Rights Directive Principles of State Policy Fundamental Duties Amendment of the Constitution Basic Structure Centre-State Relations/Inter-State Relations Emergency Provisions Special Provisions for States Union Territories Local Self Government and Municipalities. GS Sources: NCERTs: <ul style="list-style-type: none"> Class XI - Political Science: Political Theory (Relevant Topics) Class XI - Political Science: Indian Constitution at Work (Relevant Topics) Reference Sources: <ul style="list-style-type: none"> Constitution of India OIA Polity Book OR <ul style="list-style-type: none"> Indian polity by Laxmikanth Others: <ul style="list-style-type: none"> Class Notes + Class PPTs 	Sources: <ul style="list-style-type: none"> Officer's Pulse - October 2022 'The Hindu' News Paper - October 2022
12	12.02.2023	History 3 + Current Affairs - October 2022	GS Syllabus: <ul style="list-style-type: none"> Modern History 1: From 1707 - To 1885 GS Sources: NCERTs: <ul style="list-style-type: none"> Class VIII: (New) NCERT: Our Past - 3 Class XII: (Old) NCERT: Modern India - By Bipan Chandra (or) History of Modern India - By Satish Chandra (Pvt. Publication) Class XII: (New) NCERT: Themes in Indian History - Part 3 Others: <ul style="list-style-type: none"> Spectrum: Chapters related to: <ul style="list-style-type: none"> <u>Advent of Europeans</u> <u>Anglo-Indian Wars</u> <u>Revolts & Rebellions</u> <u>Socio-Religious Reform Movements</u> Relevant Class Notes + Class PPTs 	Sources: <ul style="list-style-type: none"> Officer's Pulse - October 2022 'The Hindu' News Paper - October 2022
13	19.02.2023	Economy 3 +	GS Syllabus: <ul style="list-style-type: none"> Planning, Agriculture, Industry, service and National Income Public Finance 	Sources: <ul style="list-style-type: none"> Officer's Pulse - November 2022 'The Hindu'

		Current Affairs - November 2022	<ul style="list-style-type: none"> ▪ Money and Banking ▪ Inflation ▪ External sector ▪ Financial Markets ▪ Poverty and Unemployment 	News Paper – November 2022
			<p>GS Sources:</p> <p>NCERTs:</p> <ul style="list-style-type: none"> ▪ Class X - Understanding Economic development ▪ Class XI - Indian Economic Development ▪ Class XII - Introductory Macroeconomics <p>Reference Books:</p> <ul style="list-style-type: none"> ▪ OIA Book Indian Economy ▪ Indian Economy by Shankar Ganesh <p>Others:</p> <ul style="list-style-type: none"> ▪ Class Notes + Class PPTs 	
14	26.02.2023	Geography 3 + Current Affairs - November 2022	<p>GS Syllabus:</p> <p>World Economic & Social Geography:</p> <ul style="list-style-type: none"> ▪ Natural resources-Land, Frost & Water ▪ Mineral Resources – Iron Ore & Bauxite ▪ Power Resources – Coal, Petroleum & Hydro Electricity ▪ Principal Crops – Wheat, Rice, Sugarcane & Tea ▪ Major Industries – Iron & Steel, Textiles, Petro-Chemical & Sugar ▪ Industrial Regions of the World ▪ World Transportation & Trade ▪ Population and Human Settlements ▪ Population – Nature & Perspective ▪ Population Movement and Issues <p>Indian Geography-</p> <p>Indian Economic & Social Geography:</p> <ul style="list-style-type: none"> ▪ Mineral resources of India ▪ Energy resources of India ▪ Agriculture of India ▪ Indian Population – Growth, Distribution & Density ▪ Migration of Indian Population 	<p>Sources:</p> <ul style="list-style-type: none"> ▪ Officer’s Pulse - November 2022 ▪ ‘The Hindu’ News Paper – November 2022
			<p>GS Sources:</p> <p>NCERTs:</p> <ul style="list-style-type: none"> ▪ Class VI - XII - Geography Books. (Relevant Topics) <p>Reference Books:</p> <ul style="list-style-type: none"> ▪ Certificate Physical and Human Geography. 	
15	05.03.2023	Environment 3 + Current Affairs – December 2022	<p>GS Syllabus:</p> <ul style="list-style-type: none"> ▪ Biodiversity ▪ Climate change ▪ Environment related initiatives ▪ Pre constitutional measures ▪ Constitutional measures ▪ Constitutional provisions 	<p>Sources:</p> <ul style="list-style-type: none"> ▪ Officer’s Pulse - December 2022 ▪ ‘The Hindu’ News Paper – December 2022

			<ul style="list-style-type: none"> ▪ Acts in India ▪ Policies and plans in India 	
			<p>GS Sources:</p> <ul style="list-style-type: none"> ▪ OIA environment book <p>(or)</p> <ul style="list-style-type: none"> ▪ NIOS material on environment <p>Others:</p> <ul style="list-style-type: none"> ▪ Class Notes + Class PPTs 	
16	12.03.2023	History 4 + Current Affairs – December 2022	<p>GS Syllabus:</p> <ul style="list-style-type: none"> ▪ Modern History 2: From 1885 – To 1947 <p>GS Sources:</p> <p>NCERTs:</p> <ul style="list-style-type: none"> ▪ Class VIII: (New) NCERT: Our Past - 3 ▪ Class XII: (Old) NCERT: Modern India – By Bipin Chandra (or) History of Modern India - By Satish Chandra (Pvt. Publication) ▪ Class XII: (New) NCERT: Themes in Indian History – Part 3 <p>Others:</p> <ul style="list-style-type: none"> ▪ Spectrum: Chapters related to: <ul style="list-style-type: none"> ▪ <i>British Laws in India</i> ▪ <i>British Policies in India</i> ▪ <i>Revolutionary Movements</i> ▪ <i>Gandhian Movements</i> ▪ Relevant Class Notes + Class PPTs 	<p>Sources:</p> <ul style="list-style-type: none"> ▪ Officer’s Pulse - December 2022 ▪ ‘The Hindu’ News Paper – December 2022
17	19.03.2023	Art & Culture + S&T + Current Affairs - January 2023	<p>GS Syllabus:</p> <ul style="list-style-type: none"> ▪ Complete Art & Culture ▪ Complete S&T <p>GS Sources:</p> <p><u>For Art & Culture:</u></p> <p>NCERTs</p> <ul style="list-style-type: none"> ▪ Class VI: (New) NCERT: Our Past - 1 ▪ Class VII: (New) NCERT: Our Past - 2 ▪ Class XI: (Old) NCERT: Ancient India – By R S Sharma (or) Ancient India - by R S Sharma (Pvt. Publication) ▪ Class XI: (Old) NCERT: Medieval India – By Satish Chandra (or) History of Medieval India - By Satish Chandra (Pvt. Publication) ▪ Class XI: Introduction to Indian Art – Part 1 ▪ Class XII: (New) NCERT: Themes in Indian History – Part 1 ▪ Class XII: (New) NCERT: Themes in Indian History – Part 2 <p>Others:</p> <ul style="list-style-type: none"> ▪ Pulse Magazine: June 2022 – January 2023 (Art & Culture Related) ▪ Art & Culture - Class Notes + Class PPTs ▪ OIA Art & Culture Book (Full) <p><u>For S&T:</u></p> <ul style="list-style-type: none"> ▪ S&T Class Notes + Class PPTs ▪ Current Affairs Class Notes + Class 	<p>Sources:</p> <ul style="list-style-type: none"> ▪ Officer’s Pulse - January 2023 ▪ ‘The Hindu’ News Paper – January 2023

			<p>PPTs</p> <ul style="list-style-type: none"> ▪ Pulse Magazine: June 2022 – January 2023 	
18	26.03.2023	<p>International Relations + Environment <i>(miscellaneous)</i></p> <p>+</p> <p>Current Affairs - January 2023</p>	<p>GS Syllabus:</p> <p>International Relations Related:</p> <ul style="list-style-type: none"> ▪ International Organisations ▪ Global Forums ▪ International Treaties and Pacts ▪ International Groupings ▪ Maps <p>Environment Related:</p> <ul style="list-style-type: none"> ▪ Biodiversity hotspots (with special focus on the ones in the news) ▪ National Parks (with special focus on the ones in the news) ▪ Sanctuaries (with special focus on the ones in the news) ▪ Other protected areas (with special focus on the ones in the news) ▪ Species of flora and fauna in the news 	<p>Sources:</p> <ul style="list-style-type: none"> ▪ Officer's Pulse - January 2023 ▪ 'The Hindu' News Paper - January 2023
			<p>GS Sources:</p> <p>International Relations Related:</p> <ul style="list-style-type: none"> ▪ Atlas ▪ IR Class Notes + PPTs ▪ Current Affairs Class Notes + PPTs ▪ Pulse Magazines (June 2022 to January 2023) ▪ Self-made notes <p>Environment Related:</p> <ul style="list-style-type: none"> ▪ Atlas ▪ Environment Class Notes + PPTs ▪ Current Affairs Class Notes + PPTs ▪ Pulse Magazines (June 2022 to January 2023) ▪ Self-made notes 	
19	02.04.2023	Economic Survey & Budget	<p>GS Syllabus:</p> <ul style="list-style-type: none"> ▪ Complete Economic Survey ▪ Complete Budget <p>GS Sources:</p> <ul style="list-style-type: none"> ▪ Class PPTs ▪ Class Notes ▪ Economic Survey Document ▪ Budget Document 	-
20	06.04.2023	<p>Full UPSC Syllabus Test: 1</p> <p>+</p> <p>Current Affairs – June 2022 to February 2023</p>	Complete GS Syllabus	<p>Sources:</p> <ul style="list-style-type: none"> ▪ Officer's Pulse - June 2022 to February 2023 ▪ 'The Hindu' News Paper - June 2022 to February 2023

21	11.04.2023	Full UPSC Syllabus Test: 2 + Current Affairs – June 2022 to February 2023	Complete GS Syllabus	Sources: <ul style="list-style-type: none"> ▪ Officer's Pulse - June 2022 to February 2023 ▪ 'The Hindu' News Paper – June 2022 to February 2023
22	16.04.2023	Full UPSC Syllabus Test: 3 + Current Affairs – June 2022 to February 2023	Complete GS Syllabus	Sources: <ul style="list-style-type: none"> ▪ Officer's Pulse - June 2022 to February 2023 ▪ 'The Hindu' News Paper – June 2022 to February 2023
23	21.04.2023	Full UPSC Syllabus Test: 4 + Current Affairs – June 2022 to March 2023	Complete GS Syllabus	Sources: <ul style="list-style-type: none"> ▪ Complete Current Affairs: Officer's Pulse - June 2022 to March 2023 ▪ 'The Hindu' News Paper – June 2022 to March 2023
24	26.04.2023	Full UPSC Syllabus Test: 5 + Current Affairs – June 2022 to March 2023	Complete GS Syllabus	Sources: <ul style="list-style-type: none"> ▪ Complete Current Affairs: Officer's Pulse - June 2022 to March 2023 ▪ 'The Hindu' News Paper – June 2022 to March 2023
25	01.05.2023	Full UPSC Syllabus Test: 6 + Current Affairs – June 2022 to March 2023	Complete GS Syllabus	Sources: <ul style="list-style-type: none"> ▪ Complete Current Affairs: Officer's Pulse - June 2022 to March 2023 ▪ 'The Hindu' News Paper – June 2022 to March 2023

26	06.05.2023	Full UPSC Syllabus Test: 7 + Current Affairs - June 2022 to March 2023	Complete GS Syllabus	Sources: <ul style="list-style-type: none"> ▪ Complete Current Affairs: Officer's Pulse - June 2022 to March 2023 ▪ 'The Hindu' News Paper - June 2022 to March 2023
27	11.05.2023	Full UPSC Syllabus Test: 8 + Current Affairs - June 2022 to March 2023	Complete GS Syllabus	Sources: <ul style="list-style-type: none"> ▪ Complete Current Affairs: Officer's Pulse - June 2022 to March 2023 ▪ 'The Hindu' News Paper - June 2022 to March 2023
28	16.05.2023	Full UPSC Syllabus Test: 9 + Current Affairs - June 2022 to March 2023	Complete GS Syllabus	Sources: <ul style="list-style-type: none"> ▪ Complete Current Affairs: Officer's Pulse - June 2022 to March 2023 ▪ 'The Hindu' News Paper - June 2022 to March 2023
29	21.05.2023	Full UPSC Syllabus Test: 10 + Current Affairs - June 2022 to March 2023	Complete GS Syllabus	Sources: <ul style="list-style-type: none"> ▪ Complete Current Affairs: Officer's Pulse - June 2022 to March 2023 ▪ 'The Hindu' News Paper - June 2022 to March 2023