



NATA 2021 - New Pattern, Sample Questions, Sample Papers

NATA 2021 exam is on **10 April 2021**. The exam brochure was released on 4 March 2021. See the PDF at link- https://www.nata.in/NATA_Brochure_2021_Final_V1.0-03.03.21.pdf

NATA 2021 exam is completely online due to the ongoing COVID19 pandemic. The pattern has changed compared to the 2020 or 2019 exam. Here are details about the online exam, new exam pattern, sample questions, sample papers etc.

I. What is the NATA exam trying to **Assess**?

NATA measures the aptitude of the applicant for specific field of study, i.e. Architecture, through assessment of cognitive skills, visual perception and aesthetic sensitivity tests, logical reasoning and critical thinking ability, etc., besides the learning that the candidate has acquired over the past few years and is related to the specific field of study.

II. What is the NATA 2021 **Pattern**?

The details of the NATA 2021 pattern are:

Type of Test	Type of ques.	No. of ques & marks	Marks per ques.	Time	Language
Online Aptitude Test	4 types of questions: MCQ, MSQ, NAQ, PTQ	125 Questions for 200 marks	1, 2 or 3 marks per question	3 hours	Exam will be in English language

III. What **Type** of Questions will come in the exam?

NATA 2021 exam will have the following type of questions in the online aptitude test-

1. Diagrammatic Reasoning – Tests the ability of logical reasoning, using diagrams and scenarios.
2. Numerical Reasoning – Tests mathematical ability through simple problems.
3. Verbal Reasoning – Assesses the ability to assess verbal logic.
4. Inductive Reasoning – Tests the ability to see patterns and analyse given data
5. Situational Judgment – Tests problem-solving ability.
6. Logical Reasoning – Tests ability to recognise patterns, sequences or relationships between shapes and imagery.
7. Abstract Reasoning – Will assess general knowledge, and ability to utilise knowledge in new situations.

IV. What **Topics** will the Questions be from?


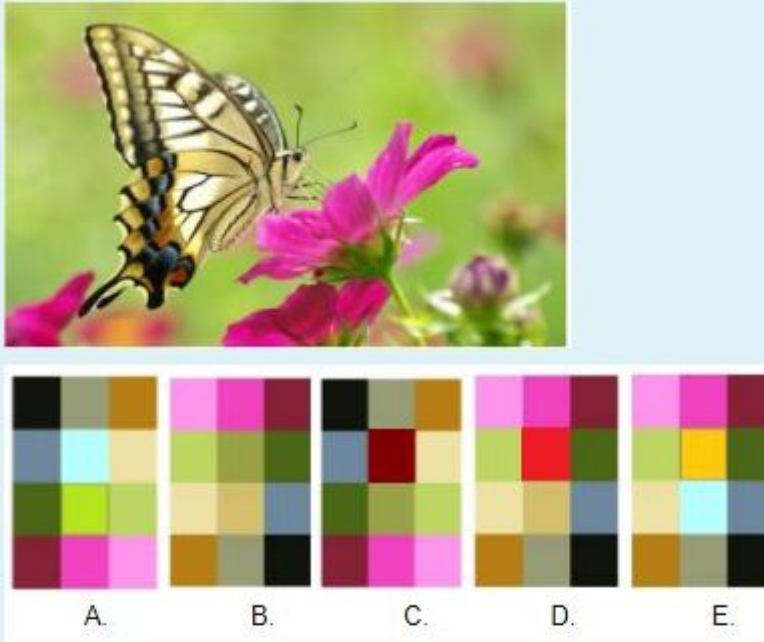
Questions could be asked in various topics that assess candidates on **basic concepts** in:

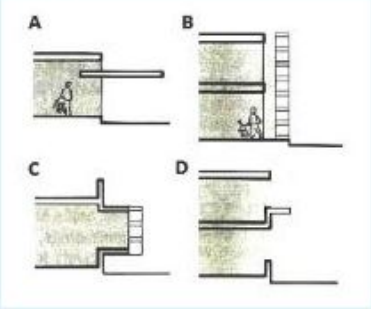
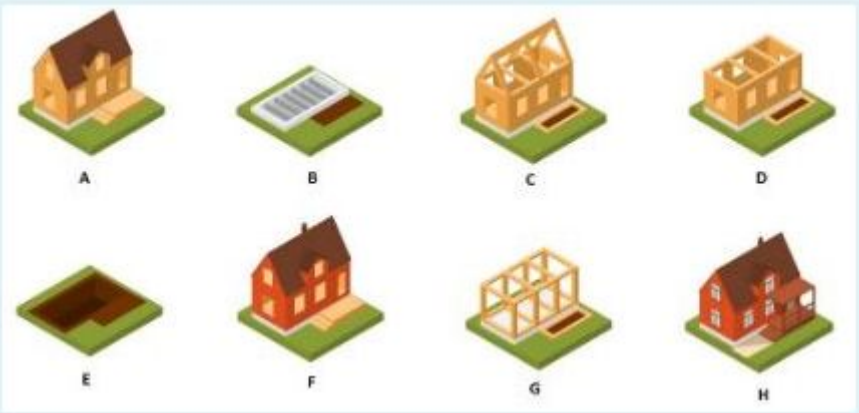
1. Mathematics
2. Physics and Geometry
3. Language and Interpretation
4. Elements and Principles of design
5. Aesthetic sensitivity
6. Colour theory
7. Lateral thinking and logical reasoning
8. Visual perception and cognition
9. Graphics and imagery
10. Building anatomy and architectural vocabulary
11. Basic techniques of building construction and knowledge of material
12. General knowledge and current affairs

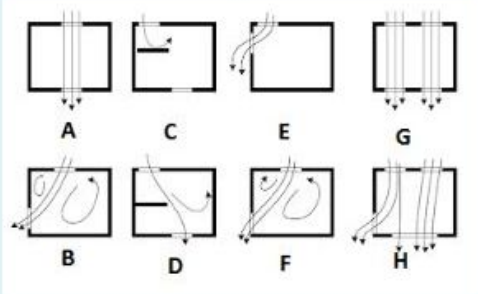
V. Are there any **sample questions for the NATA 2021 exam?**

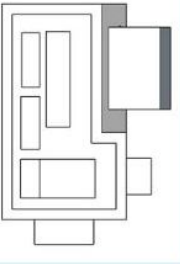
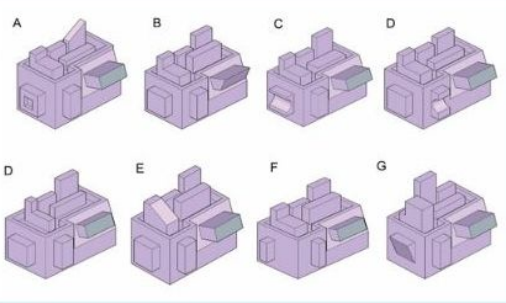
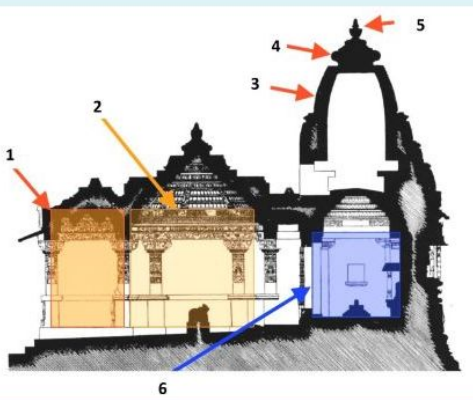
Please find below the topics and sample question of each:

#	Topic	Sample Question
1	Maths	<p>MCQ: Multiple Choice Question</p> <p>One fourth of one third of two fifth of a number is 15. What will be 40% of that number?</p> <p>Select one:</p> <p><input type="radio"/> a. 180</p> <p><input type="radio"/> b. 270</p> <p><input type="radio"/> c. 350</p> <p><input type="radio"/> d. 120</p>
2	Physics	<p>MCQ: Multiple Choice Question</p> <p>The critical angle for a diamond is 24.4°. Then its refractive index is:</p> <p>a) 2.42</p> <p>b) 0.413</p> <p>c) 1</p> <p>d) 1.413</p>
3	Geometry	<p>MCQ: Multiple Choice Question</p> <p>1. The distance of point (2, 5, 7) from the x-axis is</p> <p>(a) 2</p> <p>(b) $\sqrt{74}$</p> <p>(c) $\sqrt{29}$</p> <p>(d) $\sqrt{53}$</p>

4	Elements & Principles of Design	<p>MCQ: Multiple Choice Question</p>  <p>Q. Which element does this picture illustrate?</p> <p>1) Line 2) Texture 3) Color 4) Shape</p>
5	Color Theory	<p>MCQ: Multiple Choice Question</p> <p>Which color scheme is used in the picture given below? (1)</p>  <p> <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D <input type="radio"/> E </p>

<p>6</p>	<p>Aesthetic Sensitivity</p>	<p>Which option is not appropriate for the Shading Device given below options.</p>  <p> <input type="radio"/> A <input type="radio"/> B <input type="radio"/> C <input type="radio"/> D </p>
<p>7</p>	<p>Building Anatomy</p>	<p>Identify the correct building construction process</p>  <p> <input type="radio"/> a. G-B-H F-A-C-E-D <input type="radio"/> b. H-B-D-C F-A-E-G <input type="radio"/> c. E-B-G-D C-A-F-H <input type="radio"/> d. B-E-C-D-H-A-F-G </p>

8	Architectural Vocabulary	<p>Define the architectural term 'Site' is</p> <p>Select one:</p> <p><input type="radio"/> a. It is a rock cut monastery, a cave or a living apartment for Buddhist Monks and Saints.</p> <p><input type="radio"/> b. It is a residual space used for the storage purposes</p> <p><input type="radio"/> c. It is a face or elevation of a building.</p> <p><input type="radio"/> d. It means a parcel of land enclosed by defined boundaries.</p>
9	Techniques of building construction	<p>Which 4 ventilation systems are examples of good ventilation systems.</p>  <p><input type="checkbox"/> A</p> <p><input type="checkbox"/> B</p> <p><input type="checkbox"/> C</p> <p><input type="checkbox"/> D</p> <p><input type="checkbox"/> E</p> <p><input type="checkbox"/> F</p> <p><input type="checkbox"/> G</p> <p><input type="checkbox"/> H</p> <p>PTQ : Preferential Type Question</p>
10	Knowledge of Materials	<p>Makarna is a type of _____</p> <p>1) Marble 2) Wood 3) Soil 4) Brick</p>
11	GK & Current Affairs	<p>Fathometer is used to measure _____</p> <p>1) Earthquake 2) Rainfall 3) Ocean Depth 4) Sound Intensity</p>

<p>12</p>	<p>Visual Perception and Cognition</p>	<p>Given is the plan of a 3D object. Choose from the given 3d preferences which of them corresponds to the plan.</p>  								
<p>13</p>	<p>Graphics & Imagery</p>	 <table border="1" data-bbox="523 1335 1082 1503"> <tr> <td>1.Ardhmandapa 2.Mandapa 3.Shikhara 4.Amalaka 5.Kalasha 6.Garbhagriha</td> <td>1.Ardhmandapa 2. Garbhagriha 3.Shikhara 4.Amalaka 5.Kalasha 6.Mandapa</td> <td>1.Ardhmandapa 2. Garbhagriha 3. Kalasha 4.Amalaka 5.Shikhara 6.Mandapa</td> <td>1.Ardhmandapa 2. Garbhagriha 3.Shikhara 4. Mandapa 5.Kalasha 6. Amalaka</td> </tr> <tr> <td>A</td> <td>B</td> <td>C</td> <td>D</td> </tr> </table> <p><input type="radio"/> A</p> <p><input type="radio"/> B</p> <p><input type="radio"/> C</p> <p><input type="radio"/> D</p>	1.Ardhmandapa 2.Mandapa 3.Shikhara 4.Amalaka 5.Kalasha 6.Garbhagriha	1.Ardhmandapa 2. Garbhagriha 3.Shikhara 4.Amalaka 5.Kalasha 6.Mandapa	1.Ardhmandapa 2. Garbhagriha 3. Kalasha 4.Amalaka 5.Shikhara 6.Mandapa	1.Ardhmandapa 2. Garbhagriha 3.Shikhara 4. Mandapa 5.Kalasha 6. Amalaka	A	B	C	D
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A	B	C	D							

VI. Can I download sample paper PDFs available for the NATA 2021 exam?

We are in the process of uploading sample papers as per the new NATA 2021 exam pattern. You can download the sample paper from link- <https://silica.co.in/nata-sample-papers.html>.

VII. Is there negative marking in NATA 2021?

No, there is no negative marking in NATA 2021 exam

VIII. What are the **important dates** of NATA 2021 exams?

For First Test Scheduled to be held on **10th April, 2021**

Sl No	Activity	Date (with time)
1	Availability of information in the public domain	From 3 rd March 2021
2	Start of Online form fill-up	5 th March 2021
3	End of registration	28 th March 2021 (11:59 PM)
4	Image uploads allowed till	28 th March 2021 (11:59 PM)
5	Fee payment allowed till	28 th March 2021 (11:59 PM)
6	Confirmation page printing available till	28 th March 2021 (11:59 PM)
7	Candidate Correction window	26 th March 2021 (10:30 AM) to 28 th March 2021 (11:59 PM)
8	Publication of Downloadable Admit Card	6 th April 2021
9	Date and Time of Examination	10 th April 2021
10	Publication of Results	14 th April 2021

For Second Test Scheduled to be held on **12th June, 2021**

Sl No	Activity	Date (with time)
1	Availability of information in the public domain	From 3 rd March 2021
2	Start of Online form fill-up	5 th March 2021
3	End of registration	30 th May 2021 (11:59 PM)
4	Image uploads allowed till	30 th May 2021 (11:59 PM)
5	Fee payment allowed till	30 th May 2021 (11:59 PM)
6	Confirmation page printing available till	30 th May 2021 (11:59 PM)
7	Candidate Correction window	25 th May 2021 (10:30 AM) to 30 th May 2021 (11:59 PM)
8	Publication of Downloadable Admit Card	8 th June 2021
9	Date and Time of Examination	12 th June 2021
10	Publication of Results	16 th June 2021

IX. How many **attempts** are there? Can I appear for both attempts? Which score will be considered for admission?

There are two NATA attempts. A candidate can appear for either one or both. The highest of both scores will be considered for admission into B.Arch college.



X. What is the **validity of NATA 2021 score?**

NATA- 2021 score shall be valid only for admission in the academic session 2021- 2022

XI. What is the **eligibility criteria to appear for NATA 2021?**

1. Candidates who have completed their 10 + 2 examination with Physics, Chemistry and Mathematics or 10+ 3 Diploma with Mathematics as subject of study can appear for NATA 2021.
2. Candidates appearing for 10+2 examination with Physics, Chemistry and Mathematics as subjects of study or 10+3 Diploma with Mathematics in the current year may also provisionally appear for NATA-2021
3. No candidate shall be admitted to architecture course unless he has passed an examination at the end of the 10+2 scheme of examination with at least 50 per cent. Aggregate marks in Physics, Chemistry and Mathematics and also at least 50 per cent. marks in aggregate of the 10+2 level examination or passed 10+3 Diploma Examination with Mathematics as compulsory subject with at least 50 per cent. marks in aggregate.