

Arkin Institute

ARKIN - How to prepare for NATA (NATIONAL APTITUDE TEST IN ARCHITECTURE) entrance exam?

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If you wish to become an Architect, you have to appear for NATA exam after 12th standard. You can appear for this entrance exam to B.Arch – Bachelor of Architecture course , provided you have opted for Mathematics as a subject at 12th level. IT IS NOT AT ALL NECESSARY TO BE A SCIENCE STUDENT TO APPEAR FOR THIS EXAM. Even Commerce and Arts students may appear for NATA exam if they have opted for either Business Mathematics or Statistics (This document is prepared by www.Arkin.co.in and www.HasitDave.com) as a subject at 12th level. People have misconceptions that “you can not keep statistics as a subject at 12th standard if you opt for arts.” THIS IS TOTALLY WRONG. YOU CAN OPT FOR (This document is prepared by www.Arkin.co.in and www.HasitDave.com) STATISTICS even at 12th arts.

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NATA (NATIONAL APTITUDE TEST IN ARCHITECTURE) is one of the easiest exams. It is totally wrong hype created for (This document is prepared by www.Arkin.co.in and www.HasitDave.com)

NATA and NIFT entrance exams. BOTH EXAMS ARE REALLY REALLY VERY EASY.

Only thing required is you have to prepare in right direction.(This document is prepared by www.Arkin.co.in and www.HasitDave.com) I have separately discussed about Syllabus and Sample papers for NATA and I have uploaded on my site.

NATA exam has two papers. (This document is prepared by www.Arkin.co.in and www.HasitDave.com)

FIRST PAPER IS PAPER BASED DRAWING TEST (for Two Hours)

SECOND PAPER IS COMPUTER BASED AESTHETIC SENSITIVITY TEST (One Hour)

I have already discussed about syllabus in other document but for those who do not have it, I will just repeat points:-

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FOR PAPER NUMBER ONE “Drawing paper”:-

For Drawing Test Prepare following:- (Syllabus)

1. Learn to sketch given object proportionately and rendering in a visually appealing manner
2. Light and Shadow on object and its surrounding
3. Perspective Drawing (This document is prepared by www.Arkin.co.in and www.HasitDave.com)
- 4. You should be able to combine three dimensional object to form stable structure and depict in sketching (see details below in red colour on how to prepare for this point)**
5. Sense of Scale and Proportion
6. Colour composition, Sense of Colour
7. Memory Drawing (This document is prepared by www.Arkin.co.in and www.HasitDave.com)
8. You should be able to sketch two dimensional composition using given shape and form

Now the question is how to prepare for above topics?

You can learn these topics by going through any Intermediate Grade Exam drawing book. Just try to draw things in proportion. Observe all day to day objects and try to figure out how tall it is from other know object. Also keep a small folding scale with you and try to measure everyday objects. Remember size of most day to day objects like length of Tube Light,

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Height of Dining Table By practice you can really achieve best result and you will be surprised by (This document is prepared by www.Arkin.co.in and www.HasitDave.com) the result of your practice Practice about light and shadow by observing different objects in natural settings. Say for example, your shoes lying near the entrance door. Observe how the shadow is casted on surrounding. Try to observe your family members faces on dinning table with tube light or other light from only one side. Observe how (This document is prepared by www.Arkin.co.in and www.HasitDave.com) sides of the faces are reflecting light. Also observe that the side of the face (or any object) opposite to light will be darker and side which is directly facing light source will be illuminated by reflecting light.

For colour, try to remember how your primary teacher taught you colour? Just try to remember three primary colours. Red, Yellow and Blue. Now these are primary colours. By mixing any two you will get secondary colour. This theory is always given in any Grade Exam books. You will find Colour Plates for observing colour. You must be quite comfortable in judging colours. (This document is prepared by www.Arkin.co.in and www.HasitDave.com) Practice well through book. Observe colours in day to day surrounding. Also learn through Grade Exam Drawing book how colours are placed opposite to each other and How colours are placed next to each other. This will help you in dealing with colour composition question in drawing part. In any good book on Grade Exam Drawing book you will find many sample of Colour composition, Memory drawing examples, Object Drawing samples, Rendering methods and basic perspective learning. THIS SOUNDS VERY TECHNICAL BUT (This

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JUST OBSERVE all the objects daily, and go through book on drawing. You will really be surprised by how fast you can learn. ONLY THING REQUIRED IS YOUR WILL POWER and you must be highly motivated to get admission in Architecture College by passing NATA exam for B.Arch course after 12th.(This document is prepared by www.Arkin.co.in and www.HasitDave.com)

Now about Perspective. Many Grade Exam drawing book do not deal with perspective in details. There are THREE methods of Perspective Drawing.

1. One point perspective
2. Two point perspective
3. Three point perspective

One point perspective is used for drawing interior of a room. Visualise you are seating in last row of Cinema Hall or a Bus or a Train compartment and looking to the other end. What ever you see, and the lines you see (all lines converging in one point) that is one point perspective.

Two point perspective is as if you are standing on a junction of two roads. You are facing a building from a corner and can see two sides of the building abutting on two roads. What ever you see can be sketched in Two Point Perspective. (This document is prepared by www.Arkin.co.in and www.HasitDave.com)

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Three Point Perspective is looking at a building from air plane in which you can see two sides as well as height of the building. Here observe that top will look wider and points will be converging at the bottom.

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All above sounds very technical. But it is very simple. If you can not learn any of the above things by yourself (if you are not 'self learner' type) than you may contact any drawing teacher. Remember one thing Teacher's degree is not at all important – his way of teaching is. A good drawing teacher can teach all above points.

NOW ABOUT point number 4 :-"You should be able to combine three dimensional object to form stable structure and depict in sketching requires different training other than drawing training"

These point requires little bit different approach. You may consider going to a better qualified creative trainer for these question. This question is not only drawing based. It requires little bit (only little bit!) imagination. In this question NATA will ask you to create some stable structure our of (This document is prepared by www.Arkin.co.in and www.HasitDave.com)object named in the NATA QUESTION PAPER. These objects can be wooden logs, wooden planks, pet bottles, balls, cones, cubes etc.

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NATA question will be like combining two or more of any objects and you have to sketch stable three dimensional structure out of it. DO NOT WORRY. This is not a rocket science at all !!!!!!!!!!!!!!! Keep imagining different forms out of given shapes and you may come up with novelty idea.(This document is prepared by www.Arkin.co.in and www.HasitDave.com)

NOW ABOUT PAPER TWO “Aesthetic Sensitivity Test”

Prepare following:-

1. Analytical Reasoning (This document is prepared by www.Arkin.co.in and www.HasitDave.com)
2. Architectural Awareness (General knowledge question about Architecture, famous building etc..)
3. Identifying commonly used material and objects based on their texture
4. Visualising three dimensional objects through two dimensional drawing
5. Visualising different sides of three dimensional objects
6. Mental ability. (This document is prepared by www.Arkin.co.in and www.HasitDave.com)
7. Imaginative Comprehension and expression (This document is prepared by www.Arkin.co.in and www.HasitDave.com)

For **reasoning** use any good Reasoning Book available in market.

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For point number **two** AND **three**, just go through general knowledge section on Architectural Buildings of national and international importance and try to learn about them. May be you will be shown a photo or picture of a famous building but photo is little bit touched up or it is only line sketch or shadow of famous building. It can even be a only black silhouette of the famous building. You have to identify this building. (This document is prepared by www.Arkin.co.in and www.HasitDave.com)Do not worry, you do not have to remember each and every building of the world (this is not possible even by greatest Architect!!!!) Just see photos of famous (really famous...) buildings. Such photos you can get through many general knowledge books. Regarding building materials, try to see and identify every building material used in your house. Like Glazed Tiles, Mosaic Tiles, Wood, Bricks, Steel , Aluminium, Concrete, Marble, Kota Stone, Granite, Galvanise Pipes, Linoleum flooring, Vinyl flooring, Wooden flooring,

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Terrazzo, Vitrified flooring, Colour of different types, How these colours are applied on different surfaces etc...etc.... list goes on and one...

For point four and five, use any book which has colour or black and white photos. Ideally you must see pictures of cubes and such other geometrical three dimensional shapes. Visualise other sides. Best way to prepare (This document is prepared by www.Arkin.co.in and www.HasitDave.com)for such question is go through very good reasoning book.

There are plenty of available in the market. Such books will take care of point number six (metal ability) also.

For point number seven, you may again refer to books on comprehension and story writing. Generally such questions on story writing are not asked in NATA exam. But it will definitely enhance your imagination power which in turn help you solving other questions.

REMEMBER ONE THING CLEARLY.... YOU DO NOT HAVE TO BE AN ARCHITECT TO CLEAR NATA EXAM. (This document is prepared by www.Arkin.co.in and www.HasitDave.com)

NATA EXAM QUESTION PAPER WILL BE PREPARED KEEPING IN VIEW AGE GROUP AND STANDARD OF STUDENTS. THEY DO NOT EXPECT YOU TO BE AN ARCHITECT. (This document is prepared by www.Arkin.co.in and www.HasitDave.com)

BEST OF LUCK FOR GREAT SUCCESS IN NATA EXAM

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