# IIT ASHRAM BRINGS... SCIENCE APTITUDE TEST (2016-17) SAMPLE PAPER



## Time : 3 Hours

## M.M.: 300



Please read the instructions carefully. You are allotted 5 minutes specifically for this purpose.

## IMPORTANT INSTRUCTIONS

#### A. General:

- 1. This booklet consists of 100 questions.
- 2. Blank papers, clipboards, log tables, slide rules, calculators, cellular phones, and electronic gadgets in any form are not allowed to be carried inside the examination hall.
- 3. The answer sheet, a machine–readable Objective Response Sheet (OMR), is provided separately.
- 4. DO NOT TAMPER WITH / MUTILATE THE OMR OR THE BOOKLET.
- 5. Write Name and Address in capital letters of OMR sheet.
- 6. Submit the OMR Sheet back to Invigilator after examination before leaving the examination hall.

#### B. Question paper format:

- 7. The question paper consists of **4 Sections.** 
  - (I) Mental Ability (20 Questions)
  - (II) Mathematics (30 Questions)
  - (III) Physics & Chemistry (34 Questions)
  - (IV) Biology (16 Questions)

#### C. Marking Scheme :

8. For each question in **Section I**, **II**, **III and IV** you will be **awarded 3 marks** if you have darkened only the bubble corresponding to the correct answer and zero mark if no bubble is darkened. In all other cases where the answer marked is not correct, **minus one (-1) mark** will be awarded.

Name of the Candidate	Class	Roll Number			
I have read all the instructions and shall abide by them	I have verified all the informations filled by the candidate.				
Signature of the Candidate	Signature o	f the Invigilator			

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#### **IIT ASHRAM & ASHRAM PMT**

	MENTAL ABILITY	10.	BCDE : DFHH :: FGHI :
			(a) LJPL (b) LKPL
1.	17, 19, 23, 29, 31, 37,		(c) JKPJ (d) IKPL
	(a) 41 (b) 43	11.	Find the odd one among the following.
	(c) 40 (d) 42		(a) CFD (b) GJH
2.	12, 14, 15, 16, 18, 20		(c) KNM (d) JMK
	(a) 22 (b) 25	12.	Socks : Feet : : Hands
	(c) 21 (d) 23		(a) Arms (b) Shirt
3.	225, 196, 169, 121, 100, 81		(c) Gloves (d) Fingers
	(a) 156 (b) 144	13.	112 : 448 :: 241 :
	(d) 139 (d) 125		(a) 1500 (b) 1687
			(c) 1568 (d) 1600
		14.	45 : 41 :: 66 :
			(a) 64 (b) 61
			(c) 72 (d) 66
		15.	TAP : SUZBOQ :: RED :
4.			(a) QTDGDE (b) PSDEDF
			(c) QSDFCE (d) QRDGBE
		16.	How is my grandmother's only child's husband's mother related to me?
	(a) 100 (b) 200		(a) Mother (b) Grandmother
	(c) 82 (d) 142		(c) Aunt (d) Sister
		17.	How is Ramu's mother-in-law's only daughter's son related to Ramu?
			(a) Nephew (b) Brother
5			(c) Son (d) Uncle
J.	? 576	18.	If 8 <sup>th</sup> February 1995 was a Wednesday, then 8 <sup>th</sup> Feb. 1994 was on which day?
	(a) 1000 (b) 1450		(a) Wednesday
	(a) $1000$ (b) $1452$		(b) Thursday
6			(c) Tuesday
0.	(2) = (2) = (2) + (2)		(d) Monday
		19.	Two different views of a dice, whose six faces
7			Find the letter on the face opposite 'd'?
7.	(a) $O$ (b) $O$		The the letter of the face opposite a .
			C f
8			b e a b
5.	(a) DMPU (b) DMOT		
	(c) CMOT (d) CLOT		(1) (1)
9.	SUWY : LPTX :: PRTV		(a) c (b) e
	(a) INRU (b) INOU		(c) a (d) b
	(c) IMRU (d) IMOU		

6.

7.

20. Among the four given figures, three figures follow the same pattern and one figure is different from these three. Mark the figure (which is different from the other three) as your answer.



### **MATHEMTICS**

Express the following as a rational number 1.

of the form  $\frac{p}{a}$  :  $\left(\frac{-2}{7}\right)^{-4} \times \left(\frac{-7}{5}\right)^{2}$ (a)  $\frac{335}{77}$ (b)  $\frac{117649}{400}$ 

(c) 
$$\frac{117648}{300}$$
 (d)  $\frac{17648}{350}$ 

What will come in place of question mark 2. in the following questions?

 $\sqrt{86.49} + \sqrt{5 + (?)^2} = 12.3$ 

- (a) 5 (b) 7
- (c) 2 (d) 11
- 3. Simplify :

√[(	12.1) <sup>2</sup> -	$-(8.1)^2$	$] \div [(0.25)^2$	+ (0.2	5)(1	9.95)]	
(a)	7			(b)	4		
(C)	5			(d)	6		
Βv	what	least	number	4320	be	multiplied	to

4. obtain a number which is a perfect cube? (a) 70 (b) 11

()		(~)	
(C)	50	(d)	55

Multiply : 5.

 $\frac{4}{9}a^{5}b^{2}$ , 10a<sup>3</sup>b and 6

- $\frac{17}{13}$ (b)  $\frac{80}{3}a^8b^3$ (a)
- (d)  $\frac{17}{13}a^7b^6$  $\frac{80}{3}a^{7}b^{6}$ (C)

6.	The	product of the fo	llowi	ng monomials:
	$\frac{3}{4}$	x <sup>2</sup> yz <sup>2</sup> , 0.5xy <sup>2</sup> z <sup>2</sup> , 1.	16x <sup>2</sup> չ	ız <sup>3</sup> , 2xyz
	(a)	$\frac{55}{13}x^7y^3z$	(b)	$\frac{85}{14}x^5y^2z$
	(c)	$\frac{87}{100}x^6y^5z^8$	(d)	None of these
7.	Finc	d the value of (5a <sup>6</sup>	<sup>6</sup> ) × (	(–10ab <sup>2</sup> ) ×
	(–2.	1a <sup>2</sup> b <sup>3</sup> ) for a = 1 a	nd b	$=$ $\frac{1}{2}$ .
	(a)	<u>100</u> 7	(b)	105 32
	(c)	<u>113</u> 32	(d)	<u>150</u> 11
8.	Solv	$e: \frac{17(2-x)-5(x+1)}{1-7x}$	$\frac{2}{2} = 8$	3
	(a)	1	(b)	2
	(c)	0	(d)	3
9.	Solv	$e: \frac{1}{x+1} + \frac{1}{x+2} = \frac{1}{x}$	2 +10	
	(a)	$-\frac{26}{17}$	(b)	$-\frac{35}{17}$
	(c)	- <u>35</u> 11	(d)	<u>26</u> 5
10.	In r	hombus ABCD, A	AB =	7.5 cm, and
	AC	= 12 cm. Find the	e area	a of the rhombus.
	(a)	55 $\text{Cm}^2$	(d)	54 cm <sup>2</sup>
11.	In t PQ cm.	he trapezium PQF = QR = 13 cm, PS Find the area of	(a) RS, ∠ S = 12 the t	$2^{P} = 2^{S} = 90^{\circ}$ , 2 cm and SR = 18 trapezium.
	(a)	180 cm <sup>2</sup>	(b)	185 cm <sup>2</sup>
	(c)	186 cm <sup>2</sup>	(d)	200 cm <sup>2</sup>
12.	In a per	n quadrilateral AB pendiculars dra	CD, . wn	AC = 15 cm, The from B and D

respectively to  $\overline{AC}$  measure 8.2 cm and 9.1 cm. Find the area of the quadrilateral.

- (a) 129.75 cm<sup>2</sup> (b) 130.75 cm<sup>2</sup>
- (c) 120.75 cm<sup>2</sup> (d) 135.2 cm<sup>2</sup>

PAC	SE # 4	IIT ASHRAM	& AS	HRAM PMT		CLASS - 8
13.	What percent of Rs	. 2650 is Rs. 1987.50 ?	21.	The mean propor	tional betv	ween 234 and 104
	(a) 60%	(b) 75%		is :		
	(c) 80%	(d) 90%		(a) 12	(b)	39
14.	A housewife saved R	Rs. 2.50 in buying an item		(c) 54	(d)	None of these
	on sale. If she spe	nt Rs. 25 for the item,	22.	A can lay railwa	y track be	tween two given
	approximately how	much percent she saved		stations in 16 da	iys and B	can do the same
	In the transaction ?	(1-) 00(		job in 12 days. V	Vith the he	elp of C, they did
	(a) 8%	(D) 9%		the job in 4 days	only. The	n, C alone can do
45	(C) 10%	(d) 11%				
15.	5% UI (25% UI RS. I	(000) IS -		(a) $9\frac{1}{5}$ days	(b)	$9\frac{2}{5}$ days
	(a) RS. 5 (c) $D_{2} = 20$	(D) RS. 17.50		5		5
47	(C) RS. 20	(0) RS. 25		(c) $9\frac{3}{2}$ days	(d)	10 davs
16.	is a loss of 20% Wh	at is the cost price of the		5	()	
	commodity ?		23.	Find the average	of first 20	) multiples of 7
	(a) Rs. 26.10	(b) Rs. 43.50		(a) 70	(b)	73.5
	(c) Rs. 43.20	(d) Rs. 46.40		(c) 72.5	(d)	78
	<	4	24.	The average of 2	5 results is	s 18. The average
17.	If selling price of an	article is $\frac{4}{3}$ of its costs		twelve is 17 Fin	d the thir	and that of last teenth result
	price, the profit in	the transaction is :		(a) 76	(h)	77
	2	1		(c) $78$	(c) (b)	80
(a)	(a) $16\frac{2}{3}\%$	(b) $20\frac{1}{2}\%$	25.	The average age	of a class	of 39 students is
	1			15 years. If the ag	je of the te	acher be included,
	(c) $25\frac{1}{2}\%$	(d) $33\frac{1}{3}\%$		then the average	increases b	by 3 months. Find
18	-	$C = 1 \cdot 5$ and $C \cdot $		the age of the te	eacher.	
10.	D = 6 : 7, then A :	B : C : D is		(a) 30	(b)	25
	(a) 16 : 22 : 30 : 35	5 (b) 16 : 24 : 15 : 35		(c) 27	(d)	28
	(c) 16 : 24 : 30 : 3	5 (d) 18 : 24 : 30 : 35	26.	There were 35 st	udents in	a hostel. Due to
19.	The salaries of A, E	and C are in the ratio		the admission	OT / NEV	v students, the
	2:3:5. If the incre	ements of 15%, 10% and		42 per day whil	le the ave	rage expenditure
	20% are allowed resp	pectively in their salaries,		per head diminis	hed by Re	1. What was the
	then what will be	the new ratio of their		original expendit	ure of the	mess?
	$(a)  3 \cdot 3 \cdot 10$	(b) 10 · 11 · 20		(a) Rs. 400	(b)	Rs. 500
	(a) $3 \cdot 3 \cdot 10$	(b) 10 . 11 . 20		(c) Rs. 420	(d)	Rs. 520
	(d) Cannot be dete	rmined	27.	The area of a rec	tangle is 4	60 square metres.
20	$\Delta$ man can do a iol	n in 15 days. His father		If the length is 1	5% more	than the breadth.
20.	takes 20 days and	his son finishes it in 25		(a) 15 metres		
	days. How long wi	II they take to complete		(a) 15 metres		
	the job if they all w	vork together ?		(c) Cannot be c	letermined	
	(a) Less than 6 day	/S		(d) None of the	500000000 50	
	(b) Exactly 6 days					
	(c) Approximately	6.4 days				
	(d) More than 10 c	days				

28. A large field of 700 hectares is divided into 5. The amount of electricity that is flowing around two parts. The difference of the areas of the a circuit is measured by two parts is one-fifth of the average of the (a) ammeter (b) battery two areas. What is the area of the smaller (c) current (d) altitude part in hectares? A virtual image is formed by concave mirror 6. (a) 225 (b) 280 when the object is placed: (c) 300 (d) 315 (a) at the focus 29. The wheel of a motorcycle, 70 cm in diameter, (b) between the focus and the pole makes 40 revolutions in every 10 seconds. (c) between the focus and the centre of curvature What is the speed of the motorcycle in km/ (d) beyond the centre of curvature hr? 7. When a cell is connected in an electric circuit, (a) 22.32 (b) 27.68 (A) current flows from negative to positive (c) 31.68 (d) 36.24 electrode outside the cell. 30. The areas of two circular fields are in the (B) current flows from positive to negative ratio 16:49. If the radius of the latter is 14 electrode inside the cell. m, then what is the radius of the former? (a) A and B both are correct. (b) 8 m (a) 4 m (b) A and B both are wrong. (c) 18 m (d) 32 m (c) A is correct but B is wrong. (d) B is correct but A is wrong. 8. At a speed of 7.5 m/s, how far can you run in PHYSICS/CHEMISTRY 40 seconds? On a Fahrenheit scale: 1. (a) 53m (b) 1875m (a) boiling point of water is 212°F (c) 300m (d) 475m (b) the temperature reading will be equal to 9. Study the circuit shown here. Which switch, if that on the Celsius scale at -40°C opened, will cause the light bulb to stop (c) the difference between the upper fixed point and the lower fixed point is divided glowing? into 180 equal parts (d) all the above Q Plane mirrors are arranged parallel to each 2. other to get : S (a) a single image P (b) two images (c) a large number of reflected images (d) no image Ρ Q (a) (b) Which of these would be the best conductor of 3. (c) R (d) S electricity? 10. What is the unit for work? (a) hydrogen (b) copper (a) ioule (b) joule per second (c) chloride neon (d) (c) newton (d) watt The transfer of thermal energy between 4. 11. Fluid pressure is always directed materials by the collision of particles. (a) up. (b) down. (a) Conduction (c) sideways. in all directions. (d) (b) Thermal Conductor 12. Electricity is the movement of (c) Convection Specific Heat (d) (a) Molecules (b) Electrons (c) Atoms Neutrons (d)

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13.	We are able to walk because of which force?	21.	The metal present in	n Brass, Bronze and Ger-
	(a) Friction (b) Gravitation		man silver is	
	(c) Normal (d) Tension		(a) Zn	(b) Mg
14.	The pressure exerted by air around us is known		(c) Cu	(d) Al
	as	22.	When a strip of cop	per is dipped in AgNO <sub>3</sub>
	(a) Hydrostatic pressure		solution it become	s blue due to formation
	(b) Atmosperic pressure		of:	
	(c) High pressure		(a) silver	(b) copper nitrate
15	The smallest time measured by a wrist watch		(c) copper oxide	(d) silver oxide
15.	accurately is :	23.	sion in contact with	ing burns with an explo- water and air?
	(a) 1 milli second (b) 60 seconds		(a) Na	(b) Ca
	(c) 1 second (d) 1 hour		(c) Ma	(d) Zn
16.	Above how many decibels, sound becomes	24.	Ozone is a/an:	
	(a) 60 dB (b) 50 dB		(a) element	(b) mixture
	(c) $80 \text{ dB}$ (d) $40 \text{ dB}$		(c) allotrope	
17.	Which one of the following regarding a		(d) none of the abo	ove
	rainbow is correct ?	25.	Which of the follow	ing is neither an element
	(a) It is always seen as a circle		nor a compound?	
	(b) The order of colours is (from the top to		(a) Air	(b) Water
	bottom as seen from the ground) violet,		(c) Mercury	(d) Sodium chloride
	(c) Its order of colours is (From the top to	26.	Which of the follow	ving is not a matter?
	bottom as seen from the ground) red,		(a) Glass	(b) Wood
	organe, yellow, green, blue, indigo, violet		(c) Air	(d) Light
	(d) The order of colours can be either violet to	27.	Divide a piece of ice	e into half. Divide it fur-
	red or red to violet depending upon the		ther and keep on o	dividing it many times.
10	The automatic darkoning property of		hy this division is	of ice that you can get
10.	photochromatic glass is because of the pres-		$\begin{array}{c} \text{by this division is} \\ \text{(a)}  \text{an atom} \end{array}$	(b) a moloculo
	ence of :		(a) an atom	(d) a crystal
	(a) sodium chloride	28	The set of numerica	a crystal
	(b) lead oxide	20.	balances the chem	ical equation:
	(c) calcium oxide (d) silver iodide		$K_2CrO_4 + HCI \rightarrow K$	,,Cr,O, + KCI + H,O
19.	Which of the following is called a polya-		(a) 1, 1, 2, 2, 1	(b) 2, 2, 1, 1, 1
	mide?		(c) 2, 1, 1, 2, 1	(d) 2, 2, 1, 2, 1
	(a) Rayon (b) Nylon	29.	Common name of H	H₂SO₄ is:
	(c) Orlon (d) Terylene		(a) oil of vitriol	(b) muriatic acid
20.	Which of the following is similar to cotton?		(c) blue vitriol	(d) green vitriol
	(a) Nylon (b) Dacron			
	(c) Rayon (d) Terelyene			

- 30. When magnesium is burnt to air. It produces magnesium oxide. The correct chemical reaction is:
  - (a) Mg +  $O_2 \rightarrow MgO$
  - (b)  $2Mg + O_2 \rightarrow 2MgO$
  - (c)  $2Mg + 2O \rightarrow 2MgO$
  - (d)  $Mg_2 + O_2 \rightarrow 2MgO$
- 31. Raghav categorised the following household items into acids and bases.

Acids

Bases

- 1. Lemon 4. Baking soda
- 2. Antacid 5. Vinegar
- 3. Tea 6. Curd

Which of them is placed under the wrong category?

- (a) 3 and 5 (b) 2 and 6
- (c) 3, 4 and 5 (d) 2, 5 and 6
- 32. Kanav took two test tubes marked as I and II. In test tube I, he put calcium carbonate and hydrochloric acid while in test tube II, he put zinc granules and hydrochloric acid. He passed the gas coming out from both the test tubes in lime water. What are his observations?



- (a) The gas coming out from test tube I turns lime water milky.
- (b) The gas coming out from test tube II turns lime water milky.
- (c) The gases coming out from both the test tubes turn lime water milky.
- (d) None of these.
- 33. Kunal took few iron turnings and mixed them well with sulphur powder. He could separate the iron turnings with the help of a magnet. He heated the mixture for some time and tried to separate the iron turnings with the magnet but he could not. Why?

- (a) On heating, a chemical change takes place and a new compound is formed.
- (b) On heating, the nature of iron changes hence it is not attracted by magnet.
- (c) On heating, a physical change takes place hence iron and sulphur gets mixed up.
- (d) On heating, iron evaporates and only sulphur is left behind.
- 34. Shobha took two liquids (coconut oil and water) in a separating funnel kept on a stand as shown in the figure. What would she observe after some time?



- (a) Layer X is coconut oil, Y is water and two distinct layers are formed.
- (b) Layer X is water, Y is coconut oil and two distinct layers are formed.
- (c) Layers X and Y are miscible to some extent, hence do not form distinct layers.
- (d) Coconut oil is first collected in the beaker.

## BIOLOGY

- 1. Muscle cramps occurs due to accumulation of
  - (a) Lactic acid (b) Acetic acid
  - (c) Alcohol (d) Malice acid
  - Name the muscular sheet which separates the abdomen from the chest cavity.
    - (a) Diaphram (b) Ribs

2.

- (c) Spiracles (d) Tracheae
- Some animals like the water spider and water beetle can stay underwater for a long time to hunt and feed because they \_\_\_\_\_.
  - (a) have air tubes for breathing
  - (b) have gills to breathe underwater
  - (c) can trap air with their body parts for breathing
  - (d) can breathe through their special nostrils

4.	Which one of the following adaptations enables the camel to live in the desert?	8. Which of the following is not vector born disease?
	(a) The hump stores water.	(a) Common cold (b) malaria
	(b) The long lashes protect the eyes from the	(c) dengue
	(c) The bristles under the feet prevent it from	(d) sleeping sickness 9 Choose odd option from the following
	sinking into the sand.	(a) Pitcher plant (b) sundew plant
	(d) The thin skin on the knees allows heat to	(c) protozoan (d) Venus fly trap
5	escape rapidly. Many plants like eucalyptus, pipe and rubber	Comprehension for (Q.No.10 &b Q. No. 11)
5.	tree produce substances such as rubber and resin. These products are for these	In any cell, nucleus controls cellular activity and ribosome's are the sites of protein synthesis. Mitochondria are called power house or ATP mills
	(a) Stored food (b) Toxic wastes	as they are sites for ATP formation which is used in
	(c) Water reserve (d) Nutrients	Lysosomes are bags of digestive enzymes which
6.	"COLOSTOMY" is a process in which	destroy worn out cells and foreign material.
	(a) IT is a surgical procedure to divert one end of the large intestine (colon) through	10. Which cell are likely to posses the highest number of mitochondria ?
	an opening in the abdominal wall (tummy)	(a) hair cell (b) skin surface cell
	(b) it is a permanent way of birth control	(c) red blood cell (d) muscle cell
	and sterilization for women.	1. Usosomes are called as suicide bag of cell
	(c) Diseases of the colon and rectum.	2. The fold of inner membrane of
_	(d) A name of bacteria	mitochondria increase the area for ATP
1.	Identify the diagram	generating chemicals reactions
		membrane
	©©_©©©©©©©©©©©©©©©©©©©©©©©©©©©©©©©©©©©	Which of the following is / are correct :-
		(a) 1 & 2 (b) 2 & 3
	<u>ŏ</u> —ŏ <i>_</i> ©_@@@@@	(c) 1 only (d) 1,2 & 3
		12. Select the correct statement from the following
		(a) Yenow lever is transmitted by ise-ise fly (b) Night blindness is a result of deficiency to
		vitamin B
		(c) Filariasis is transmitted by culax mosquito
	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	<ul><li>(d) Excessive consumption of mercury causes itai-itai</li></ul>
	(a) DNA (b) C-DNA	
	(c) M-RNA (d) t-RNA	

**IIT ASHRAM & ASHRAM PMT** 

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 Algal scum floats on the surface of water because –



- (a) The density of cells is lesser than that of water
- (b) Oxygen accumulates in it
- (c) Carbon dioxide accumulates in it
- (d) It generates methane gas
- 14. Which of the following animals has exoskeleton but no endoskeleton ?
  - (a) Lizard (b) Frog
  - (c) Sponge (d) Cockroach
- 15. Alveoli are structures present in
  - (a) Lungs (b) Bronchi
  - (c) Gills (d) All of these
- 16. Most commonly grown cereal crop is/are :-
  - (a) rice (b) maize
  - (c) wheat (d) all the above

## **ANSWER KEY**

MENTA	L ABILITY		MATH	EMATICS	S	PHYS	SICS &	CHEMIST	RY	BIOLOGY		
. 1.	А	1.	В	21.	D	1.	D	21.	С	1.	А	
2.	С	2.	С	22.	С	2.	С	22.	В	2.	А	
3.	В	3.	В	23.	В	3.	В	23.	А	3.	С	
4.	D	4.	С	24.	С	4.	А	24.	А	4.	В	
5.	В	5.	В	25.	В	5.	А	25.	А	5.	В	
6.	В	6.	С	26.	С	6.	В	26.	D	6.	А	
7.	С	7.	В	27.	D	7.	В	27.	В	7.	D	
8.	D	8.	А	28.	D	8.	С	28.	D	8.	А	
9.	D	9.	А	29.	С	9.	А	29.	А	9.	С	
10.	А	10.	В	30.	В	10.	А	30.	В	10.	D	
11.	С	11.	С			11.	D	31.	D	11.	А	
12.	С	12.	А			12.	В	32.	А	12.	С	
13.	В	13.	В			13.	А	33.	А	13.	В	
14.	С	14.	С			14.	В	34.	А	14.	D	
15.	С	15.	С			15.	С			15.	А	
16.	В	16.	В			16.	С			16.	А	
17.	С	17.	D			17.	С					
18.	С	18.	С			18.	D					
19.	D	19.	С			19.	В					
20.	Α	20.	С			20.	С					

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>	Pre-Foundation Program for $6^{th}$ , $7^{th}$ & $8^{th}$ Class.			Foundation Program for 9 <sup>th</sup> & 10 <sup>th</sup> Class.	
۶	2 Year Extensive Classroom Coaching for 11th Class.			1 Year Compact Classroom Coaching for $12^{th}$ Class	
۶	1 Year Week	end Batch for 12 <sup>th</sup> Class Students	۶	1 Year Repeater Batch for 12th Pass Students	
۶	2 Year Week	and Batch for 11 <sup>th</sup> Class Students	>	Crash Course for JEE Main/AIPMT - 2017	
Alkapuri : UG–1 & 2, Concorde Complex, Above OBC Bank. R.C. Dutt Road., Alkapuri Baroda. Ph. 6625979,					
Maka	Makarpura: Silver Rock Building 3 <sup>rd</sup> Floor, Opp. Baroda Dairy M			Baroda. Ph. 6509041, 9227666620	
Anand: Anandalaya (NDDB Campus) Mob. No.: 9904879756					