



## ALIGARH COACHING CENTRE PVT. LTD.

WHERE EXPECTATION IS CHANGED INTO REALITY...

IIT-JEE | NEET | FOUNDATION | COMMERCE | MANAGEMENT

# PREVIOUS YEAR PAPER AMUGIASS IX





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### **HEAD BRANCH:**

Abdullah Women's College Road, Near Marris Road Chauraha, Aligarh

### **BRANCH:**

Near Kunjilal, Vidhya Nagar, Ramghat Road, Aligarh



8534899823 7417102408



### (9 CLASS

2022 - 2023



BE FILLED IN BY	Question Booklet Number					
Name of the Candidate						
	8104818					
- "- <del></del> -						
· F	HNNX					
	303					
	BE FILLED IN BY DIDATE					

Maximum Marks: 85

Test Duration: 02 hours

### INSTRUCTIONS

- Complete all entries on the cover page and put your signature in the space provided.
   Use only Bail Point Pen (black / blue) for making entries in the Question Booklet and the OMR Answer Sheet.
- The Question Booklet consists of 24 pages (including cover sheet) and contains a total of 85 questions (25 questions in Section-I and 60 questions in Section-II). Count the number of pages and questions before attempting the questions. Discrepancy, if any, must immediately be brought to the acore of the Invisalator.
- The Test duration as specified above snall be reckaned from the moment of distribution of the question booklets.
- 3. Blank space in the Question Booklet may be used for rough work.
- 4. Each question is followed by four alternative answers. Select only one answer, which you consider as the most appropriate. Shade the relevant circle against the corresponding question number on the OMR Answer Sheet. Selecting more than one answer for a question, even if one of the selected answers is correct, would result in its being treated as an incorrect answer.
- Answers should ONLY be marked on the OMR Answer Sheet. No answer should be written on the Question Booklet.
- 6. The candidate is required to separate the original OMR Answer Sheet and its carbonless copy at the perforation carefully after the Admission Test. He / She shall handover the original OMR Answer Sheet and the Admit Card to the Invigilator before leaving his/her seat and take with him/her the carbonless copy of the OMR Answer Sheet and the Question Booklet.
- Failure to handover the original OMR Answer Sheet and the Admit Card will lead to cancellation of the candidature.



1.	Не	very little	when the	ere are stranger	s present		12	4.	If he	wants to win the race, he'll have to push five people.	~
	(a)	had always spol	en.	7					(a)		
	(b)	was always spe-	aking	~.					(b)	past	
	(c)	is always speak	ing i	-					(c)	away	it.
	(d)	always speaks	100 to 600	Ξ.					(d)	(9 CLASS "	
2.	Choo	se the most approp	oriale arti	icle to fill in th	e blank.					13061	
	I wan	to be	M.P.					5,	*****	differences on matters of principles, they all agree on the	
	(a)	the	¥.							nd of hike in salary.	
	(b)	an	Ī	5					(a)	Despite of their	
2.0	(c)	a	in the state of th				*		(b)	Despite off their	10
	(d)	no article	÷						(c)	Despite for their	
3.	The sy	nonym of the wor	d 'cowar	rd' is :					(d)	Despite their	
	(a)	valiant	.e.					6.	Which	sentence is correct?	
	(b)	chicken	-						(a)	I haven't read none of the letters.	
	(c)	stalwart	<b>*</b>		ı	••			(b)	I have read any of the letters.	
	(d)	hero						*	(c) 1	I don't have read any of the letters.	
			i.	÷		ti.	ta		(d) I	haven't read any of the letters.	
HNNX			2					HNNX		3 [P.T.O.	



KNNH

Change the following sentence into Indirect speech:

ALIGARH MUSLIM UNIVERSITY

.10 إلى ك جادوكر مجروه إن چندالي بادش ١٩٠١ ماكت ...... كويدا عود ك The Commander said, "Soldiers cease fire". The Commander ordered the soldiers to cease fire. 1903 (d) The Commander pleaded the soldiers to cease fire. 1906 (c) The Commander said that cease fire. (d) The Commander exclaimed to cease fire. ا ب اولمني كاينام كم تقم شي دياكياب؟ (a) ديوال كورب بطي (b) يب برابندوستان (c) منطني يج ك لي نوري If you had come to the theatre last night you ..... the play. will enjoy had enjoyed would have enjoyed must have enjoyed The man as well as his wife and children ..... in the accident. 9. (a) were injured has injured (c) was injured is injured [P.T.O. HNNX



ALIGARH MUSLIM UNIVERSITY

.14 ميكه دوت اورشكنا تصانف كى ين

(a) كالى اس

Jbが (d)

Jun (c)

.15 " آواره گردگ دانزگ "سنرنامد کس کا تکھا ہوا ہے: (a) مرز افر حت اللہ بیک

(b) Ushar

1510CI (3)

.16 ويرى مجى بركت الله بحويالي كل اخبارك المدينة شريقه. (a) البلال (a) تعد

. 17 رفيع احمد قد والى الخل تعليم ك لئة كبال مجامة تقد (a) دلي (d) المريك

'उपानह' शब्द का सही अर्थ क्या होगा ?

(a) पहलना

(b) **हाय** 

(c) जूता

(d) उपकार

'पिता के पत्र पुत्री के नाम' पुस्तक के लेखक हैं -

(a) महात्मा गांधी

(b) राजेन्द्र प्रसाद

(c) कगलेश्वर

(d) पं. जवाहर लाल नेहरू

निम्नितिखित पंक्तियाँ किस कवि के द्वारा रवित हैं?

"मेघ आए बड़े बन-टन के सँवर के ।

आगे-आगे नाचती-गाती बयार वली.

दरवाज़े - खिड़कियाँ खुलने लगी गली-गली"

(a) तुलसीदास

(b) <sup>१</sup> रसखान

(c) सर्वेश्वर दयाल सक्सेना

(d) कबीरदास

'को' से किस कारक चिहन का बोध होता है? 21.

(a) कर्म कारक

(b) करण कारक

(c) सम्प्रदान कारक

(d) अधिकरण कारक

HNNX

HNNX

7

[P.T.O.

22.	''कूलन में केलि में कछारन में कुंजन में क्यारिन में कलि
	कलीन किलकंत है।'' इस काव्य-पंक्ति में कौन-सा अलंकार है?
	(a) अनुप्रास अलंकार (b) रूपक अलंकार

(c) यसक अलंकार

(d) श्लेष अलंकार

### 'तरंगिणी' का पर्यायवाची कौनसा है? 23.

(a) संसार

(b) पर्वत

(c) नदी

(d) सूर्य

### 'अंगारे उगतना' मुहादरे का सही अर्थ है -

- (a) मुँह से अंगारे निकालना
- (b) कठोर वचन कहना
- (c) आग का फैल जाना
- (d) ज्वालामुखी फूट जाना

### 'आजन्म' शब्द में कौन–सा समास है?

(a) कर्मधारय समास

- (b) बहुव्रीहि समास
- (c) अव्ययी भाव समास
- (d) तत्पुरुष समास

### Section - II

		•		
26.	A large	number of small objects present	betwe	en Mars and Jupiter and
	revolve	es round the sun :		
	(a)	Comets	(b)	Asteroids
	(c)	Meteors	(d)	Meteorites
27.	Bakeli	te and Melamine are examples of	:	
	(a)	Thermoplastics	(þ)	Thermosetting plastics
	(c)	Nylon	(d)	Rayon
z 28.	Which	of the following is known as artif	ficial s	silk?
	(a)	Nylon	Kb)	Rayon
	(c)	Polyester	(d)	Taser Silk
29.	Iron o	bjects are Galvanized by coating it	with	
	(a)	Chromium	(b)	Zinc
	(c).	Aluminium	(d)	Magnesium

**HNNX** 

IP.T.O.

**HNNX** 

**HNNX** 

HNNX

10

[P.T.O.

11

38.	Whic	h of the following chemicals is u	sed as p	preservative?	42.	Nuclea	ar membrane is absent in :			
	(a) (c)	Sodium Carbonate  Sodium bicarbonate	(q)	Sodium Sulphate Sodium Benzoate	. •		Blue green algae cell Plant cell	,	Animal cell Human cheek cel	
39.	Unit o	of inheritance in living organisms	is:		43.	An en	docrine gland which is attached	l to the br	rain is :	
	(a)	Nucleus	(b)	Nucleolus		(a)	Adrenai	(b)	Thyroid	
	(c)	Chromosome	(q)	Gene		(c)	Pituitary	(d)	Pancreas	
					44.	The p	rocess of loosening of the soil	s called:		
40.	Which	of the following organism is ab	le to fix	atmospheric nitrogen?		(a)	Tilling	(b)	Harvesting	
-	(a)	Lactobacillus	(b)	Rhizopus		(c)	Spraying	(d)	Weeding	
	(c)	Penicillium	(ď)	Rhizobium	45.	Bacte	ria are organism.		*	
					:	(a)	Multicellular	(b)	Tricellular	
41.	A dise	asc which is caused by a protozo	an is:			(c)	Bicellular	(d)	Unicellular	
		Malaria	(b)	Polio	46.	The l	best electrical conductor is:			
	(c)	Smallpox	(d)	Tuberculosis		(a)	Silver	{b)	Gold	
						(c)	Copper	(d)	Aluminium	
HNNX					HN	NX	13		V	[P.T.O.

7.	The n	nain gas present in LPG	is:	•			_		1.1.1	. •		
	(a) (c)	Methane Hexane	(b)	Propane Butane		51.	The v	vater holding capacity is the Sandy soil	ne nignes	(b)		34
	.,			Dutane			(c)	Clayey soil		(d)	Black soil	
48.	The s	species which are at the v	verge of extinction	on:								
	(a)	Endemic	(b)	Extinct		52.	The f	orce acting on a unit area	of a surfa	ce is	cailed -	
	(c)	Endaugered	(d)	None of these			(a)	Pressure		(b)	Energy	
							(c)	Power		(d)	Inertia	
49.	Child	ren gain height during :				53.	Loud	ness of sound is determine	d by -			
	(a)	Menarche	(b)	Puberty			(a)	time period				
•	(c)	Menopause	(d)	Adolescence			(b)	frequency of vibrating bo	dy			
					٠.		(c)	amplitude of the vibrating	g body			
50.	The vo	pice box is also called:					(d)	number of vibration per s	econd		ė	
	(a)	Larynx	(b)	Mouth								
	(c)	Stomach	(d)	Heart		54.	A pri	sm produces -				
							(a)	Reflection of light		(þ)	Dispersion of light	1
							(c)	Scattering of light		(d)	Refraction of light	
HNNX			14		7.7.	ниих		1:	5		 [P.	.T.O.

When electrolysis of water is carried out, water is decomposed into a
٨

(a) oxygen gas

- (b) hydrogen gas
- (c) both hydrogen and oxygen (d) oxygen and carbon dioxide gas
- 56. A line graph which is a whole unbroken line is called a:
  - (a) Linear Graph
- (b) Pie Chart

(c) Histograph

(d) Bar-graph

(a) Gain 12%

(b) Loss 12.5%

(c) Loss 12%

(d) Gain 12.5%

- (a)  $\frac{2}{3}$  years
- (b)  $\frac{1}{2}$  years

(c) 3 years

- (d)  $\frac{1}{3}$  years
- 59. Two circular cylinders of equal volumes have their height in the ratio 1:2. The ratio of their radii is:
  - (a)  $\sqrt{2}:1$

(b)  $\sqrt{3}:1$ 

(c)  $\sqrt{5}:1$ 

(d)  $\sqrt{7}:1$ 

The simple interest on a certain sum for 
$$1\frac{1}{2}$$
 years at 7% per annum exceeds the simple interest on the same sum for 6 months at 10% per annum by Rs. 38.50. The sum is :

(a) Rs. 500

(b) Rs. 600

(c) Rs. 700

(d) Rs. 800

(a) 6

(b) 8

(c) 12

(d) 18

62. A and B working together can do a piece of work in 12 days. B alone can do the same work in 20 days, then A alone can do it in:

(a) 30 days

(b) 25 days

(c) 35 days

(d) 20 days

63. A tap fills a tank in 6 hours. Another tap empties the full tank in 9 hours. How long will it take to fill the tank, if the tank is empty and both the taps are open?

(a) 12 hours

(b) 14 hours

(c) 16 hours

(d) 18 hours

64. An item marked at Rs. 840 is sold for Rs. 714. The discount % is:

(a) 10° o

(b) 15%

(c) 20°;

(d) 25%

- 65. The algebraic expression 3x + 2y + 6 is a:
  - (a) Monomial

(b) Binomial

(c) Trinomial

(d) None of the above

6. The value of  $1 + \frac{1}{1 + \frac{1}{1 + \frac{1}{2}}}$  is

(a)  $\frac{29}{19}$ 

(b)  $\frac{1}{19}$ 

(c)  $\frac{29}{10}$ 

(d)  $\frac{10}{9}$ 

The area of a rhombus whose diagonals are of length 10 cm and 8.2 cm is:

(a) 820 cm<sup>2</sup>

(b) 82 cm<sup>2</sup>

(c) 41 cm<sup>2</sup>

(d) 410 cm<sup>2</sup>

68. Find the smallest number by which the number 392 must be multiplied to obtain a perfect cube:

(a) 9

(b) 5

(c) 7

(d) 3

- 69. The sum of 1+3+5+7+9+11+13+15+17+19 is:
  - (a) 11<sup>2</sup>

(b) 10<sup>2</sup>

(c) 110

(d) 120

25

- 70. How many natural numbers lie between 25<sup>2</sup> and 26<sup>2</sup>?
  - (a) 32

(b) 51

(c) 50

(d) None of these

- 71. What will be the side of the rhombus whose diagonals are 12 cm and 16 cm long?
  - (a) 15 cm

- (b) 10 cm
- (c) 20 cm
- (d) 13 cm

72. The solution of 0.25(4f-3) = 0.05(10f-9) is:



(a) 0.6

(b) 60

(c) -60

(d) -0.6

- 73. Which of the following statement is true?
  - (a) Natural numbers are closed under division
  - (b) Integers are closed under division
  - (c) Whole numbers are not closed under division
  - (d) Rational numbers are closed under division
- 74. If Rs. 782 be divided into 3 parts, proportional to  $\frac{1}{2}$ ,  $\frac{2}{3}$ ,  $\frac{3}{4}$ , then the first part is:
  - (a) Rs. 182

(b) Rs. 190

(c) Rs. 196

(d) Rs. 204

- 75. The value of  $\left(\frac{3^{-2}}{5^{-1}}\right)^{-2}$ :
  - (a)  $\frac{81}{25}$

(b)  $\frac{9}{25}$  ;

(c)  $\frac{-25}{81}$ 

- (d)  $\frac{-25}{9}$
- 76. The length of the diagonal of a square is 25 cm. Its area is:
  - (a) 625 cm<sup>2</sup>

(b) 312.5 cm<sup>2</sup>

(c) 652.5 cm<sup>2</sup>

(d) 321.5 cm<sup>2</sup>

82. The factors of 
$$a^2 - 2ab + b^2 - c^2$$
:

- (a) (a-b-c)(a+b+c)(c) (a-b-c)(a-b+c)

83. 
$$\frac{-7}{5} \times \frac{3}{4} \times \frac{16}{21} \times \left(\frac{-20}{9}\right) = ?$$

(c)  $\cdot \frac{16}{9}$ 

The difference of the largest and the smallest observation of any data is 84. called:

(a) Kange

Ciass-size

(c) Mean

Median

A cone and a cylinder have same height and same radius of their base. 85.

The volume of the cone will be:

- (a) One fourth of volume of cylinder
- One third of volume of cylinder
- Half of volume of cylinder
- Equal to the volume of cylinder







Q.No.         Answer           1         D           2         B           3         B           4         B           5         D           6         D           7         A           8         C           9         A           10         A           11         D           12         C           13         B           14         A           15         D           16         C           17         B           18         C           19         D           20         C           21         A           22         A           23         C           24         B           25         C           26         B           27         B           28         B           29         B           30         A           31         C           33         D           34         C           35         A		- sover
21 A 22 A 23 C 24 B 25 C 26 B 27 B 28 B 29 B 30 A 31 C	Q.No. A	D
21 A 22 A 23 C 24 B 25 C 26 B 27 B 28 B 29 B 30 A 31 C		B
21 A 22 A 23 C 24 B 25 C 26 B 27 B 28 B 29 B 30 A 31 C	-2 -	B
21 A 22 A 23 C 24 B 25 C 26 B 27 B 28 B 29 B 30 A 31 C		В
21 A 22 A 23 C 24 B 25 C 26 B 27 B 28 B 29 B 30 A 31 C		D
21 A 22 A 23 C 24 B 25 C 26 B 27 B 28 B 29 B 30 A 31 C	6	D
21 A 22 A 23 C 24 B 25 C 26 B 27 B 28 B 29 B 30 A 31 C	7	A
21 A 22 A 23 C 24 B 25 C 26 B 27 B 28 B 29 B 30 A 31 C	8	C
21 A 22 A 23 C 24 B 25 C 26 B 27 B 28 B 29 B 30 A 31 C	9	Λ
21 A 22 A 23 C 24 B 25 C 26 B 27 B 28 B 29 B 30 A 31 C	10	A
21 A 22 A 23 C 24 B 25 C 26 B 27 B 28 B 29 B 30 A 31 C	11	D
21 A 22 A 23 C 24 B 25 C 26 B 27 B 28 B 29 B 30 A 31 C	12	<u></u>
21 A 22 A 23 C 24 B 25 C 26 B 27 B 28 B 29 B 30 A 31 C	13	В
21 A 22 A 23 C 24 B 25 C 26 B 27 B 28 B 29 B 30 A 31 C	14	<del></del>
21 A 22 A 23 C 24 B 25 C 26 B 27 B 28 B 29 B 30 A 31 C	15	<del></del>
21 A 22 A 23 C 24 B 25 C 26 B 27 B 28 B 29 B 30 A 31 C	16	B
21 A 22 A 23 C 24 B 25 C 26 B 27 B 28 B 29 B 30 A 31 C	17	- <del>c</del>
21 A 22 A 23 C 24 B 25 C 26 B 27 B 28 B 29 B 30 A 31 C	18	D
21 A 22 A 23 C 24 B 25 C 26 B 27 B 28 B 29 B 30 A 31 C	20	C
26 B 27 B 28 B 29 B 30 A 31 C	1 40	A
26 B 27 B 28 B 29 B 30 A 31 C	22	A
26 B 27 B 28 B 29 B 30 A 31 C	23	C
26 B 27 B 28 B 29 B 30 A 31 C	24	В
26 B 27 B 28 B 29 B 30 A 31 C	25	C
30 A 31 C	26	В
30 A 31 C	27	В
30 A 31 C	28	В
30 A 31 C	29	В
31 C 32 A 33 D 34 C 35 A 36 C 37 C 38 D 39 D 40 D	30	1 A
32 A 33 D 34 C 35 A 36 C 37 C 38 D 39 D 40 D	31	C
33 D 34 C 35 A 36 C 37 C 38 D 39 D 40 D	32	T ^
34 C 35 A 36 C 37 C 38 D 39 D 40 D	33	D
35 A 36 C 37 C 38 D 39 D 40 D	34	C
36 C 37 C 38 D 39 D 40 D	35	
37 C 38 D 39 D 40 D	36	C
38 D 39 D 40 D	37	1 c
39 D 40 D	38	1 2
40 1	39	1 5
	40	

Answe	ล
Q.No. Answer  41 A  42 A  43 C  44 A  45 D  46 A  47 D  48 C  49 D  50 A  51 C  52 A  53 C  54 E  55 C  56 A  57 D  58 B  59 60 C  61 C	7
42 A	
43 C	$\Box$
44 A	_
45 D	_
46 A	_
47 D	_
48 C	$\dashv$
49 13	$\dashv$
50 A	$\dashv$
51 0	$\neg$
52 6	$\vdash$
- 33 T E	-
55	
56	
57	0
58	<u> </u>
59	C A C C R
60	음
61	-
62 63 64 65 65	<del>\(\frac{1}{1}\)</del>
03	B
0,	C
65	A
67	C
67	Ç
1 69 1	B
70	C
71	В
72	_^_
73	<u> </u>
74	<u></u>
75	_ <u>^</u>
76	n
77	D
78	A
70 71 72 73 74 75 76 77 78 79	B A C D A B D
1 00	

Q.No.	Answer
81	В
82	C
83	C
84	A
85	В



### AMU-JAMIA ME ADMISSION CHAHIYE ACC Aaiye



RANKER'S ALWAYS FROM ACC





















AMU-JMI ENTRANCE 2023
ONLINE & OFFLINE (Both Mode)
FMFNII NOW

SSY19 Gth Gth



### ALIGARH COACHING CENTRE PVT. LTD.

WHERE EXPECTATION IS CHANGED INTO REALITY...

IIT-JEE | NEET | FOUNDATIONS | COMMERCE | MANAGEMENT | LAW

### **HEAD BRANCH:**

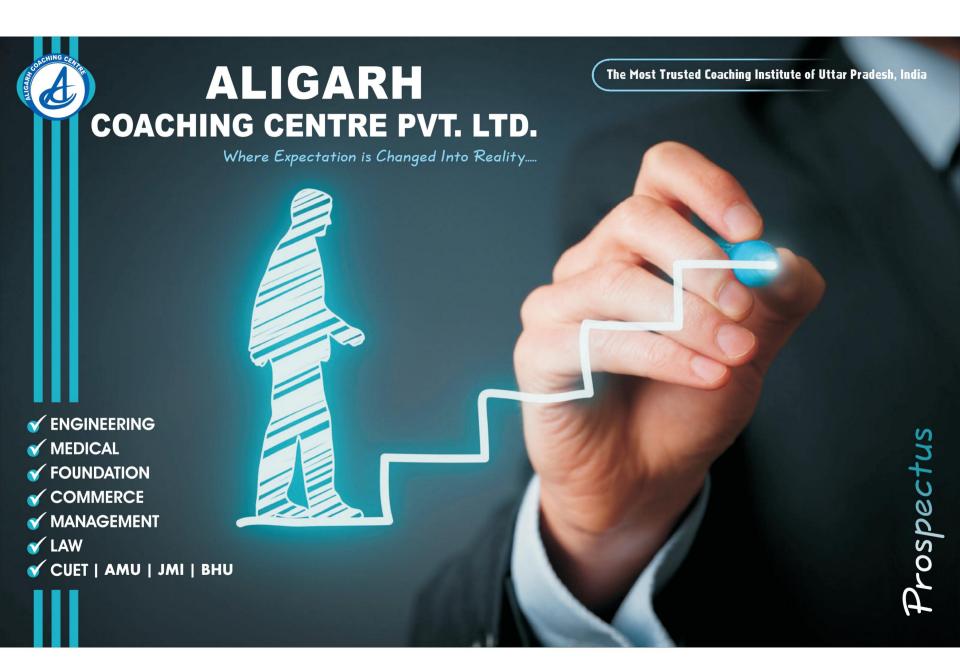
Abdullah Women's College Road, Near Marris Road Chauraha, Aligarh

### **BRANCH:**

Near Kunjilal, Vidhya Nagar, Ramghat Road, Aligarh



8534899823 7417<u>102408</u>



### **COURSES OFFERED**

NEET | IIT-JEE | B.Tech

2 Year Program

For Students moving from X to XI

NEET | IIT-JEE | B.Tech

1 Year Program

For Students moving from XI to XII

NEET | IIT-JEE | B.Tech

1 Year Dropper Program

XII Passed Students

**Foundations Program** 

With Entrance Preparations BOARDS | NTSE | OLYMPIADS | KVPY

### **Academics Program**

· PCB | PCM IIX & IX

· COMMERCE

· HUMANITIES

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AMU-CAT: MBA | MBA (FM) / MTTM

MBA (Hospital Admin) | MBA (Agribusiness) | MBA-JMI

### **Entrance Programs**

VI, IX, XI (AMU, JMI, BHU, Navodaya)

B.Tech | B.Sc | B.Sc (Nursing)/ Paramedical B.Ed | B.A | B.Com | BA.LLB /CLAT | AILET

### ACC TOP RANKER'S 2022-23: NEET-UG | IIT-JEE | B.Tech | B.Sc AMU



**AIR** B.Sc Agri.







**NEET-UG** 



AIR



JEE ADVANCE PRANJUL MISHRA



AIR 0 **B.TECH** AMU MOHD ZAID





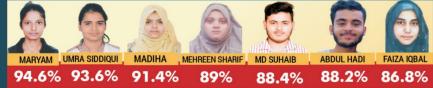
JEE ADVANCE NITIN KUMAR





**NEET-UG** 

### **XII BOARD 2022**



### **X BOARD 2022**









91%







89.2% 88.2%

**ALSO SELECTED IN ENTRANCE EXAMS** 

### **ACC TOP RANKERS 2022-2023**

### 150+ SELECTIONS AMU | JMI: VI & IX













many more









XI

BA & BA.LLB

**RESULTS 2021-22** 

VI & IX













244+ SELECTIONS

















### BALLE & B.A TOP RANKER'S 68+ SELECTIONS in BALLE & 100+ in BA















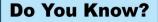












Do You Know? BALLE: 31 STUDENTS OUT OF TOP 120 ONLY FROM ACC

BA.LLB AMU 2022

### **B.Com ENTRANCE**













BA.LLB AMU 2022













RANKER'S ALWAYS FROM ACC



### ACC TOP MBA | B.Ed RANKER'S 2022-23

### ACC CAT /XAT /IIFT Toppers



Aditya Goyal Cat 99.4% Xat 99.6%



CAT 99.07 IIFT 99.20











MBA AMU-CAT











Previous ACC Ranker's



Shikhar Pahadia CAT 96.10



Rehan Riaz **CAT 95.37** 

**TOP RANKER'S** 2021















**TOP RANKER'S** 2020















**CLASSES AVAILABLE:** 

**OFFLINE & ONLINE (BOTH MODE)** 

HOSTEL AVAILABLE

TOP RANKER'S 2019











TOP RANKER'S 2018









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