

Vadodara's Best & Biggest Coaching Institute



RJ VISION Pvt. Ltd.

GET READY FOR 2024

parakh

IN SEARCH OF TALENT

NEET JEE FOUNDATIONS

DO NOT OPEN THIS BOOKLET UNTIL ASKED TO DO SO.

Roll No. :

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Total : 100 Questions

Time : 2 Hours

CLASS

5

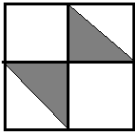
ENGLISH MEDIUM

- ◆ The paper consists of Two sections
MATHS : Section A : (35 Questions), Section B : (15 Questions)
SCIENCE : Section A : (35 Questions), Section B : (15 Questions)
- ◆ Each question carries 1 mark. For each correct response, the candidate will get 1 marks. For each incorrect response, 0.25 marks will be deducted from the total scores.
- ◆ All questions are compulsory.
- ◆ Use of calculator is not permitted. Write your Name, Roll No. and Class clearly on the OMR SHEET and do not forget to sign it.
- ◆ To mark your choice of answers by darkening the circles in the OMR SHEET, use an HB Pencil or a Blue / Black ball point pen only.
E.g. 11. (A) ● (C) (D)
- ◆ Rough work should be done in the blank space provided in the booklet.
- ◆ Return the OMR SHEET to the invigilator at the end of the exam.
- ◆ Write your Roll No. on the Question Paper too and take it home for future reference.

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SAMA : Earth Eon, Opp. Urmi School, Sama Savli Main Road. 9081 33 55 66

MATHS**SECTION A**

1. How many lakhs make a Crore?
(a) 10 (b) 100
(c) 1000 (d) 10,000
2. 50 hundreds ÷ 5 tens =
(a) 1 (b) 1000
(c) 100 (d) 10
3. In the following question select the odd word pair from the given alternatives.
(a) Room: House (b) Page: Book
(c) Engine: Car (d) Food: Hunger
4. The average of two dozen and three dozen is _____.
(a) 12 (b) 30
(c) 34 (d) 46
5. There are a total of 2013 students enrolled at 8 high schools. If there are 234 students at each of 4 of the schools, then there are a total of _____ students at the other 4 schools.
(a) 1077 (b) 1023
(c) 1334 (d) 1543
6. If a case of eggs contains 12 dozen eggs, how many eggs are in two crates of 12 cases each?
(a) 46 (b) 1556
(c) 2275 (d) 3456
7. Arrange the following words in a meaningful order:
(1) Gold (2) Iron
(3) Sand (4) Platinum
(5) Diamond
(a) 32154 (b) 24351
(c) 54321 (d) 45132
8. A square piece of paper has a perimeter of 36 cm. What is the area of a square piece of paper?
(a) 81 cm² (b) 72 cm²
(c) 144 cm² (d) 324 cm²
9. $50 + 30 \times 20 \div 20 \times 0 =$ _____
(a) 0 (b) 50
(c) 81 (d) 650
10. Jolly hasn't struck out since 18 days before saturday. That day was a _____.
(a) Tuesday (b) Sunday
(c) Saturday (d) Monday
11. If Ram replace one of the digits of 2378 by 8, the number increases by 500. Which digit is it?
(a) 2 (b) 3
(c) 7 (d) 8
12. The place value of the seventh digit from the right is:
(a) Ten lakhs (b) Ten thousands
(c) Million (d) Both (a) and (c)
13. If _____ - 2 = 23, what is _____ + 2?
(a) 21 (b) 23
(c) 25 (d) 27
14. If divisor = 10, quotient = 25, remainder = 5, the dividend is _____.
(a) 135 (b) 245
(c) 250 (d) 255
15. You know the cost of 10 objects. To find the cost of 8 objects, you will _____.
(a) Multiply by 10, then divide by 8.
(b) Divide by 10, then multiply by 8.
(c) Divide by 8, then multiply by 10.
(d) Add 10, then subtract 8.
16. _____ ÷ 100 = 20. Which number goes into the blank to make the number sentence true?
(a) 5 (b) 120
(c) 200 (d) 2000
17. What fraction of the shape is shaded?

(a) $\frac{2}{4}$ (b) $\frac{2}{6}$
(c) $\frac{2}{8}$ (d) $\frac{2}{3}$
18. A pizza is divided into 4 equal pieces and Amir ate one of the pieces. If Amir eats one more piece, what part of the pizza will remain?
(a) $\frac{1}{4}$ (b) $\frac{1}{2}$

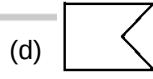
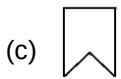
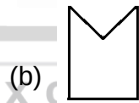
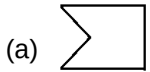
(c) $\frac{3}{4}$

(d) $\frac{4}{2}$

19. Which is the greatest in value?
 (a) 0.5 (b) 0.05
 (c) 0.50 (d) Both A and C
20. 10×0.1 is equal to _____.
 (a) 10.1 (b) 1.1
 (c) 1.0 (d) 0.01

SECTION B

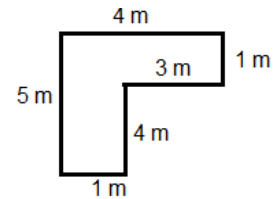
21. Which of these shapes will look the same after a quarter turn?
 (a) Circle (b) Square
 (c) Rectangle (d) Both a and b.
22. Which two numbers will complete this pattern
 _____, 11, 17, 23, _____.
 (a) 5, 29 (b) 6, 24
 (c) 10, 25 (d) 1, 30
23. Which one of the following is a 90° clockwise rotation of  ?



24. If an angle is marked as  it is a _____.
 (a) right angle (b) acute angle
 (c) obtuse angle (d) straight angle
25. Which of these is a line segment?
 (a) « (b) 
 (c) ® (d) 
26. To convert kilogram to gram you will _____.
 (a) multiply by 1000 (b) divide by 1000
 (c) multiply by 100 (d) divide by 100
27. A boy holds a jug filled with water. About how much water is there in the jug?
 (a) 1 millilitre (b) 1 litre
 (c) 100 litre (d) 1000 litre
28. Area of a square is _____.
 (a) $4 \times \text{side}$
 (b) $2 \times \text{side}$

- (c) side $\times$ side
 (d) side $\times$ side $\times$ side $\times$ side

29. What is the perimeter of the figure?



- (a) 16 m (b) 18 m
 (c) 20 m (d) 8 m
30. A man started work at 11.50 a.m., and completed it at 12:05 a.m. How long did it take?
 (a) 1 h 15 min (b) 15 min
 (c) 12 h 15 min (d) 24 h 15 min
31. How many seconds are there in a day?
 (a) 24 sec (b) 60×60 sec
 (c) 24×60 sec (d) $24 \times 60 \times 60$ sec
32. Write the number for given set of tally marks

 (a) 4 (b) 15
 (c) 18 (d) 5553
33. The cost of a table is Rs.4250. Find the cost of 5 tables.
 (a) Rs.21,250 (b) Rs.850
 (c) Rs.4,255 (d) Rs.14,250
34. The number name for the numeral "Eighty – eight crore five lakh fifty thousand four hundred three" is _____.
 (a) 88, 55, 04, 003 (b) 88, 5, 50, 403
 (c) 8, 855, 00, 403 (d) 88, 05, 50, 403
35. Which is the smallest factor of a number?
 (a) 0 (b) 1
 (c) Number itself (d) we can't say
36. **Assertion:** If a square has a length of 4 cm, then its perimeter is 8 cm.
Reason: Perimeter of a square is given by the summation of all of its sides.
 (a) Both assertion and reason are true and reason is the correct explanation of assertion.
 (b) Both assertion and reason are true but reason is not the correct explanation of assertion.
 (c) Assertion is true but reason is false.

(d) Assertion is false but reason is true.

37. **Assertion:** The number 211.902 is expressed in expanded form as $2 \times 100 + 1 \times 10 + 1 + 9 \times \frac{1}{10}$

Reason: As we go from left to right, the multiplying factor becomes $\frac{1}{10}$ of the previous factor.

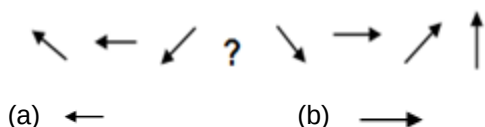
- (a) Both assertion and reason are true and reason is the correct explanation of assertion.
 (b) Both assertion and reason are true but reason is not the correct explanation of assertion.
 (c) Assertion is true but reason is false.
 (d) Assertion is false but reason is true.
38. **Assertion (A):** A football has a shape of a sphere.
Reason (R): A ball-like shape is called a sphere.
 (a) Both assertion and reason are true and reason is the correct explanation of assertion.
 (b) Both assertion and reason are true but reason is not the correct explanation of assertion.
 (c) Assertion is true but reason is false.
 (d) Assertion is false but reason is true.

39. Match the column.

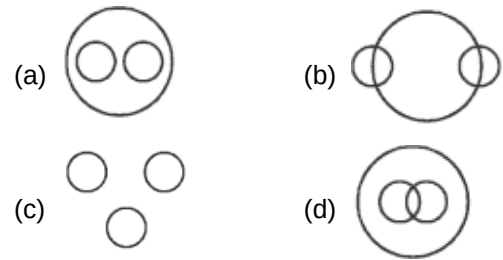
	Column-I Characters		Column-II Mirror Image
P.	A	1.	
Q.	S	2.	A
R.	4	3.	
S.	3	4.	

- (a) $P \rightarrow 2, Q \rightarrow 4, R \rightarrow 1, S \rightarrow 3$
 (b) $P \rightarrow 3, Q \rightarrow 2, R \rightarrow 4, S \rightarrow 1$
 (c) $P \rightarrow 1, Q \rightarrow 3, R \rightarrow 2, S \rightarrow 4$
 (d) $P \rightarrow 4, Q \rightarrow 1, R \rightarrow 3, S \rightarrow 2$

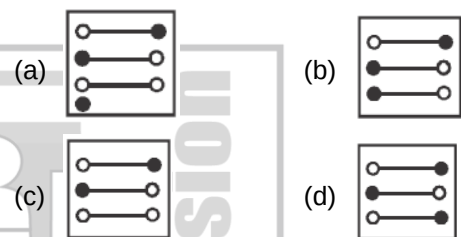
40. What will be there in the '?'?



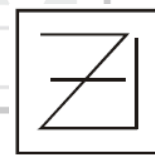
41. Which of the following diagram indicates the best relation between Chalk, Duster, Notebook?



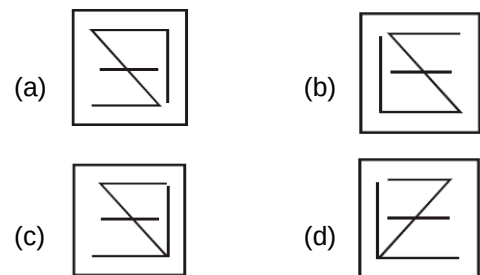
42. Find the missing figure.



43. Choose the alternative which is closely resembles the mirror image of the given figure (X).



(X)



44. What fraction is shaded in the given figure?



- (a) $\frac{4}{1}$ (b) $\frac{1}{2}$
 (c) $\frac{1}{4}$ (d) None of these

45. The sum of place value of 5 and face value of 2 in 15028907 is _____.

(a) 5,000,002 (b) 50,000,002
(c) 5,020,000 (d) 20,005

46. Match the column.

	Column-I		Column-II
P.	Right angle	1.	
Q.	More than a right angle	2.	
R.	Less than a right angle	3.	
S.	More than two right angle	4.	

(a) $P \rightarrow 2, Q \rightarrow 1, R \rightarrow 3, S \rightarrow 4$

(b) $P \rightarrow 3, Q \rightarrow 4, R \rightarrow 1, S \rightarrow 2$

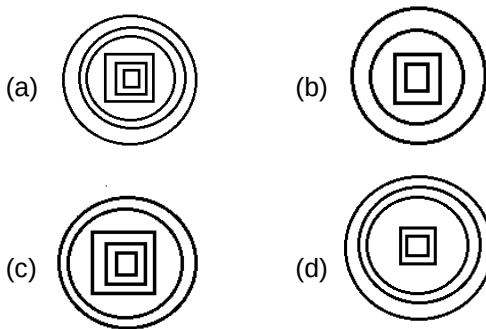
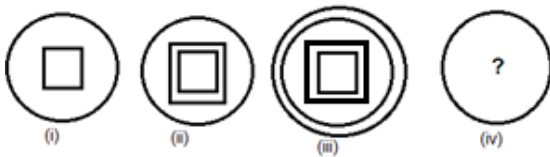
(c) $P \rightarrow 4, Q \rightarrow 3, R \rightarrow 2, S \rightarrow 1$

(d) $P \rightarrow 1, Q \rightarrow 2, R \rightarrow 4, S \rightarrow 3$

47. Which equation shows that 9 is a factor of 72?

(a) $72 = 9 \times 8$ (b) $72 = 63 + 9$
(c) $81 = 9 + 72$ (d) $72 = 81 - 9$

48. Select the proper pattern from the given options.



49. **Statement I:** 100 thousands make 1 lakh.
Statement II: 1 lakh make 1 million.

(a) Statement I is true, Statement II is false.
(b) Statement I is false, Statement II is true.
(c) Both Statement I and Statement II are true.
(d) Both Statement I and Statement II are false.

50. **Statement I:** $23.48 \times 100 = 2348$.

Statement II: To multiply a decimal number by 100, move the decimal point two places to the left.

(a) Statement I is true, Statement II is false.
(b) Statement I is false, Statement II is true.
(c) Both Statement I and Statement II are true.
(d) Both Statement I and Statement II are false.

SCIENCE

51. Ants move in a line because of their sense of:-

(a) sight (b) smell
(c) taste (d) hearing

52. Ants leave behind a _____ when they move:

(a) Water (b) Smell
(c) Blood (d) None

53. Dogs mark their areas by

(a) urinating
(b) barking
(c) urinating and barking
(d) None

54. Silk worm can find its female by its:

(a) Smell (b) Sound
(c) Colour (d) All of these

55. Name of the bird which has eyes in the front of its head.

(a) Owl (b) Sparrow
(c) Eagle (d) Hen

56. How many times a tiger can see better than us at night?

(a) 5 times (b) 6 times
(c) 8 times (d) 10 times

57. Why elephants are killed?

(a) Tusk (b) Skin
(c) Horn (d) Musk

58. How many types of snakes are poisonous in India?

(a) 6 types (b) 4 types
(c) 8 types (d) All of these

59. Which dance form have movements similar to snake movements?

- (a) Bharat Natyam
(b) Kathak
(c) Kalbeliya
(d) None
60. Poisonous teeth of the snakes are called as _____.
(a) Fangs (b) hood
(c) scales (d) Pangs
61. The medicine for snake bite is prepared from:
(a) Poison of the snake
(b) Skin of the snake
(c) Internal organ of the snake
(d) None of these
62. Why snakes are friends to farmers?
(a) They eat rats (b) They eat crops
(c) They eat insects (d) All of these
63. Why government has made a law for protecting wild animals?
(a) Prohibit hunting
(b) Prohibit catching wild animals
(c) Selling their body parts
(d) All of the above
64. Which solution is given when a person has vomiting and loose motions?
(a) ORS (b) Fruit juice
(c) Milk (d) None
65. Which part of the tongue tastes bitter?
(a) Front (b) Back
(c) Middle (d) All
66. What is the muscular bag of digestive system called?
(a) Liver (b) Intestine
(c) Stomach (d) Food pipe
67. What are the tiny bumps present on the tongue called?
(a) Taste buds (b) Smell buds
(c) Flower buds (d) None of these
68. Which nutrient protects us against diseases?
(a) Vitamin and minerals
(b) Fats and carbohydrates
(c) Protein
(d) All of these
69. What is the name of 'Aampapad' in Andhra?
- (a) MamidiTandra
(b) Amavat
(c) Aam roti
(d) All the above
70. Why do we keep food and vegetables in refrigerator?
(a) To keep them fresh
(b) To make them crisp
(c) To make them more tasteful
(d) None
71. How do we come to know that food has got spoilt?
(a) By its colour (b) By its taste
(c) By its smell (d) All of these
72. Name the seeds which disperse by water.
(a) Lotus (b) Rose
(c) Marigold (d) All
73. Identify the name of an insectivorous plant.
(a) Zenia (b) Cactus
(c) Money plant (d) Pitcher plant
74. Name the outermost part of a seed.
(a) Cotyledons (b) Seed coat
(c) Embryo (d) None
75. Which part of a seed stores the baby plant?
(a) Cotyledons (b) Seed coat
(c) Embryo (d) None.
76. When was Gadhsisar made?
(a) 650 year ago (b) 750 year ago
(c) 860 year ago (d) none of these
77. What is main source of water on the earth?
(a) Rain (b) River
(c) Pond (d) Lake
78. Paint is soluble in:
(a) Water (b) Kerosene
(c) Milk (d) Lemon
79. Name the sea on which every thing floats.
(a) Dead Sea (b) Arabian Sea
(c) Red sea (d) None
80. Change of water into water vapour is known as _____.
(a) Condensation (b) Evaporation
(c) Sedimentation (d) All of these
81. Malaria is caused by the bite of:

- (a) Female Anopheles mosquito
(b) House fly
(c) Mosquito
(d) Honey bee
82. Anaemia is caused due to the deficiency of:
(a) Iron (b) Cooper
(c) Chlorophyll (d) All of these
83. Who discovered the parasite of Malaria?
(a) Dr. Ronald Ross
(b) Dr. Beaumont
(c) Dr. Hargobindkharana
(d) Dr. Sarabhai
84. The young ones of mosquitoes are called?
(a) Larvae (b) Tadpole
(c) Caterpillar (d) All of these
85. Who was the first woman to conquer the Everest?
(a) Bachendri Pal (b) Sunita Williams
(c) Kalpana Chawala (d) Mary Com
86. For the strength and to keep themselves warm in the cold, mountaineers should take:
(a) Vitamin C (b) Iron and tablets
(c) Hot chocolates (d) All of these
87. Where is Golconda Fort situated?
(a) Hyderabad (b) Madras
(c) Mumbai (d) Gujarat
88. Who built the Golconda fort?
(a) Mughal Dynasty
(b) Qutub Shahi Dynasty
(c) Rajput Dynasty
(d) Tughlak Dynasty
89. In which era did the Qutub Shahi Sultans rule?
(a) 1518 to 1687 (b) 1700 to 1760
(c) 1410 to 1490 (d) 1805 to 1850
90. How many bastions are there in the Golconda fort?
(a) 87 (b) 97
(c) 38 (d) 47
91. Who is the first Indian woman to complete the space mission?
(a) Sunita Williams (b) Kalpana Chawala
(c) Bechendri Pal (d) Sania Mirza
92. What is full form of LPG?
(a) Liquefied Petroleum Gas
(b) Low Petroleum gas
(c) Light Petroleum gas
(d) None of these
93. What is full form of CNG?
(a) Compressed Natural gas
(b) Common Natural gas
(c) Coal Natural gas
(d) None of these
94. What is a rebo?
(a) Animal shelter
(b) Human shelter
(c) Shelter for Changpas
(d) None
95. What is Lekha?
(a) Animal shelter
(b) Bird shelter
(c) Shelter for Changpas
(d) None
96. Shortage of food and water results in:
(a) Famine (b) Flood
(c) Earthquake (d) Cyclone
97. Which gas is necessary for burning fire?
(a) O₂ (b) CO₂
(c) NO₂ (d) CO
98. Name the instrument used to listen to the heart beat.
(a) Telescope (b) Stethoscope
(c) Microscope (d) Barometer
99. Who was the father of Indian constitution?
(a) Pt. Jawaharlal Nehru
(b) Mahatma Gandhi
(c) Dr. Bheem Rao Ambedkar
(d) Sardar Vallabhbhai Patel
100. Gandhiji worked for the upliftment of lower caste and fought against:
(a) Untouchability (b) Equality
(c) Christianity (d) Secularisms

ANSWER KEY

Q	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Ans	b	c	d	b	a	d	a	a	b	a	b	d	d	d	b	d	c	b	d	c
Q	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Ans	d	a	c	d	b	a	b	c	b	c	d	c	a	d	b	d	d	a	a	d
Q	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
Ans	c	d	b	c	a	c	a	c	a	a	b	b	a	a	a	b	a	b	c	a
Q	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
Ans	a	a	d	a	b	c	a	a	a	a	d	a	d	b	c	a	a	b	a	b
Q	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
Ans	a	a	a	a	a	d	a	b	a	a	b	a	a	c	a	a	a	b	c	a



JEE MAIN RESULTS - 2024



Outstanding Results

95.96

Percentile

JAYDEVSIKH MAHIDA

2 YEAR
Classroom Program



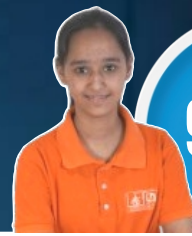
Outstanding Results

95.28

Percentile

PRIYA TAILOR

2 YEAR
Classroom Program



Outstanding Results

94.91

Percentile

DIYA PANDYA

3 YEAR
Classroom Program



Outstanding Results

93.91

Percentile

DEEP PATWA

1 YEAR
Classroom Program



Outstanding Results

91.26

Percentile

DEEP PADHIYAR

2 YEAR
Classroom Program



Outstanding Results

84.29

Percentile

ADHYARU TAKSHA

2 YEAR
Classroom Program



Outstanding Results

81.90

Percentile

PAREKH VAISHVIK

2 YEAR
Classroom Program

CLASS 10TH BOARD RESULT

10th CBSE 2024

99%

1st
VADODARA
RANK



DHRUVIL MURAWALA

10th CBSE 2019

99%

1st
VADODARA
RANK



DIVIJA NANAVATI

10th CBSE 2018

98.4%

1st
VADODARA
RANK



NEEL CHAUHAN

10th CBSE 2022

99%

2nd
VADODARA
RANK



KAVYA SHAH

OLYMPIADS RESULT



SURYA VADREUV
CLASS - 9



DHRUVIL MURAWALA
CLASS - 10



JIGYASHA ARYA
CLASS - 9



VEDANT SINGH
CLASS - 9



SNEH PANDITA
CLASS - 8



YASH SHARMA
CLASS - 9



GOHEL HARRY
CLASS - 9



TAIVISHI AJMERA
CLASS - 9



NAMANVEER SINGH
CLASS - 8



JAHAN GANGWANI
CLASS - 10



KAVYA PILLAI
CLASS - 11

COURSES OFFERED

YCCP

Year Long Class Room Contact Program
NEET | JEE - 11th & 12th

PFC

Prefoundation Courses
6th to 10th

DLP

Distance Learning Program
6th to 12th

ACHIEVER BATCH

For Genius Student
9th & 10th

AIIS

All India Test Series
6th to 12th

AIIMS BATCH

For Genius Student
11th to 12th

REPEATERS & DROPPERS BATCH

For 12th Passed Science Student
NEET | JEE

CCCP

Crash Course Class Room Contact Program
for 12th Passed Science Student
NEET | JEE

Vision पे विश्वास, **Success** आपके साथ

700
720

PERFECT SCORE IN
PHYSICS
&
ZOOLOGY

180
180

ANSH
SANGHAVI

ALI ASGAR
DALAL

700
720

PERFECT SCORE IN
CHEMISTRY
&
ZOOLOGY

180
180



RUCHI LAD

682



YUG
MODI

680

PERFECT SCORE IN
ZOOLOGY
180
180



TIA
GOHEL

680

PERFECT SCORE IN
ZOOLOGY
180
180



PUSHTI
TALATI

675

PERFECT SCORE IN
BIOLOGY
360
360



DHRUVA
MAKWANA

675

PERFECT SCORE IN
ZOOLOGY
180
180



PALAK
DAVADRA

673

PERFECT SCORE IN
ZOOLOGY
180
180



KAVYA SHAH

669



DIVYA
NAIK

665

PERFECT SCORE IN
ZOOLOGY
180
180



ANIKA NAGPAL

660



VISHAKHA
SATA

655

PERFECT SCORE IN
CHEMISTRY &
ZOOLOGY
180
180



ZEEL SHAH

649



SANA RATHOD

645



ANANYA SHAH

644



MALAV
TANK

639

PERFECT SCORE IN
BOTANY
180
180



PRANSHU SHAH

637



MILAN PANCHAL

637



SHANTANU PARIKH

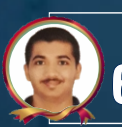
634



MANASHVEE
SANKALP

633

PERFECT SCORE IN
ZOOLOGY
180
180



RUSHI
PATEL

630

PERFECT SCORE IN
ZOOLOGY
180
180



MEET
VYAS

614

PERFECT SCORE IN
ZOOLOGY
180
180



NITYA
SHAH

610

PERFECT SCORE IN
ZOOLOGY
180
180



ANANYA
SHRIVASTAVA

608



PARA PANCHAL

608



FALAK MANSURI

607



NARENDIRA
PALLAVAN

605



VISHWA BUTANI

602

2 STUDENTS

700

28 STUDENTS

600+

ADMISSION OPEN

☒ **EXPERIENCED FACULTIES**

☒ **BEST RESULTS**

☒ **UPDATED STUDY MATERIAL**

☒ **ULTIMATE PERSONAL CARE**

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English & Gujarati Medium

ENGINEERING (JEE)

Class 11th and 12th

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Class 6th to 10th

ACHIEVER BATCH

Class 9th and 10th

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