



PHYSICS CLASSES

FREQUENCY
(Let's match our waves)

IIT-JEE (Mains/Adv)/AIIMS/AIPMT/XI/XII

ASHUTOSH CHATURVEDI

(B.Tech.IIT-BHU)

C I R C U L A R M O T I O N

Date : 01-09-2019

M. M. : 106

	Name	Marks	Rank
1	Divya Panjwani	98	1
2	Priyesh	96	2
3	Akshita Baghel	87	3
4	Ritik Sahu	84	4
5	Vinayak Bajpai	83	5
6	S. Gyanesh Rao	82	6
7	Palak Ladha	82	6
8	Himanshi Verma	81	7
9	Tushar Prajapati	80	8
10	Abhay Bansal	79	9
11	Yash Dodani	78	10
12	Anushka Chaudhary	76	11
13	Vaibhav Joshi	76	11
14	Kanishk Singhal	75	12
15	Shashwant Nandeha	74	13
16	Aditi Bajpai	73	14
17	Alankar Saxena	69	15
18	Manu Sinha	69	15
19	Siddharth Jain	69	15
20	Anwar Ahmed	68	16
21	Sanidhya Jain	68	16
22	Sarvagya Surana	67	17
23	Raj Panday	65	18

	Name	Marks	Rank
24	Umakant Sonber	63	19
25	Rishabh Sahu	62	20
26	Anjali Daheriya	62	20
27	Shree Khubchandani	62	20
28	Yatharth Sahu	61	21
29	Vikas Tandan	60	22
30	Sanskriti Dhurandhar	59	23
31	Neha Motwani	58	24
32	Suryansh Manhar	55	25
33	Shubham Tiwari	54	26
34	Abhishek Aneshwari	54	26
35	Nitish Agrawal	53	27
36	Kanal Magendra	51	28
37	Himanshu Ku. Singh	50	29
38	Suyash Kotle	50	29
39	Shreem Trivedi	49	30
40	Shivam Gupta	49	30
41	Anubhuti Gurdekar	48	31
42	Shreesh Pathak	48	31
43	Divyakarni S.Rajpurohit	48	31
44	Anushka Soni	47	32
45	Utkarsh Verma	46	33
46	Chirag Chouhan	45	34

	Name	Marks	Rank		Name	Marks	Rank
47	Yakshi Rahuja	44	35	64	Felix Thomas	34	45
48	Parth Jhvnjhunwale	44	35	65	Adarsh Gaharwar	30	46
49	Harish Ku. Banjare	44	35	66	Shrishti Bapat	30	46
50	Abhinav	43	36	67	Simran Mandhani	30	46
51	Bhavesh Dewangan	43	36	68	Atibh Panday	29	47
52	Vrinda Gupta	42	37	69	Harsh	28	48
53	Shaswat Tripathi	41	38	70	Disha Diwan	27	49
54	Purty Chopra	40	39	71	Ayesha Aslam	23	50
55	Sweetty Kumari	40	39	72	Khushi Tiwari	23	50
56	Stuti Juneja	39	40	73	Soumya Chopda	22	21
57	Aashi Tiwari	38	41	74	Soumya Manjhi	22	21
58	Garima Thakur	38	41	75	Rashmi	22	21
59	Ashutosh Prajapati	37	42	76	Ananya Agrawal	21	22
60	Vedant Dhar Diwan	36	43	77	Srishti	20	23
61	Muskan Chourse	36	43	78	Simmi Baghel	8	24
62	Harshil Rathod	35	44	79	Yuvraj Dewangan	8	24
63	Prapti Mondal	34	45	80	Kinchit Sahu	8	24

ANSWERS KEY

1. (a) 2. (c) 3. (a) 4. (a) 5. (c) 6. (d) 7. (b)
8. (c) 9. (c) 10. (b) 11. (b) 12. (d) 13. (a) 14. (c)
15. (c) 16. (a) 17. (d) 18.(a) 19. (c) 20. (c) 21. (a)
22. 4 m/s^2 , 8 m/s^2 , $\sqrt{80} \text{ m/s}^2$ or 8.9 m/s^2 23. 16.25 N 24. False
25. True 26.True 27. False 28. False 29. True 30. True
31. The instantaneous velocity of the stone going around the circular path is always along tangent to the circle. Due to inertia, the stone continues its motion along tangent to the circular path.
32. No, the angle of banking does not depend on the mass of the vehicle.
33. Gravitational force of attraction on the satellite due to the earth.
34. The acceleration is perpendicular to the direction of motion.
35. Kinetic Energy.
36. True
37. Variable