



PHYSICS CLASSES

FREQUENCY
(Let's match our waves)

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

ASHUTOSH CHATURVEDI

(B.Tech.IIT-BHU)

CENTER OF MASS & COLLISIONS LEVEL – 2

Date : 24-11-2019

M. M. : 76

	Name	Marks	Rank
1	Shivam Gupta	36	1
2	Yash Dodani	30	2
3	Raj Panday	22	3
4	Vedant Dhar Diwan	22	3
5	Kanishk Singhal	22	3
6	Sarvagya Surana	21	4
7	Alankar Saxena	20	5
8	Shreesh Pathak	20	5
9	Sanidhya Jain	19	6
10	Himanshu	18	7
11	Vaibhav Joshi	17	8
12	Abhay Bansal	14	9
13	Abhinav	11	10
14	Harish Ku. Banjare	10	11
15	Yatharth Sahu	8	12
16	Kunal Magendra	7	13

	Name	Marks	Rank
17	Parth Jhvnjhunwale	7	13
18	Umakant Sonber	6	14
19	Sweety Kumari	6	14
20	Manu Sinha	5	15
21	Utkarsh Verma	5	15
22	Muskan Chourse	5	15
23	Suyash Kotle	4	16
24	Adarsh Gaharwar	2	17
25	Ashutosh Prajapati	2	17
26	Sanskriti	1	18
27	Prapti Mondal	0	19
28	Shaswat Tripathi	0	19
29	Shishti Sahu	0	19
30	Abhishek Aneshwari	0	19
31	Anushka	0	19
32	Parnavi Gajbe	-1	20
33	Felix Thomas	-2	21

ANSWERS KEY

1. (c) 2. (a) 3. (d) 4. (d) 5. (a) 6. (a) 7. (d) 8. (c)
 9. (b) 10. (b) 11. (a) 12. (d) 13. (b) 14. (a) 15. (d) 16. (d)
 17. (c) 18. (b) 19. (a, c, d) 20. (a, b, d) 21. (a) 22. (a, d)

$$23. \frac{Mu + mu_r}{M} \sqrt{\frac{2h}{g}}$$

$$24. h = \frac{4R \sin(\theta/2)}{3\theta}$$

$$25. 3$$