



PHYSICS CLASSES

FREQUENCY
(Let's match our waves)

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

ASHUTOSH CHATURVEDI

(B.Tech.IIT-BHU)

C.M. COLLISION & ROTATION

Date : 18-05-2019

M. M. : 82

	Name	Marks	Rank
1	Dhruv Kumar Agrawal	48	1
2	Palash Agrawal	37	2
3	Himanshi Verma	31	3
4	Raj Pincha	29	4
5	Satyam	25	5
6	Aditi Banjare	20	6
7	Prakhar Jain	16	7
8	Jayant	15	8
9	Sashreek Singh	13	9
10	Ujjwal Singh	12	10
11	Tarun Singh	11	11
12	Abheet Verma	11	11

	Name	Marks	Rank
13	Abdul	10	12
14	Anushka Chaudhary	8	13
15	Naveen Jain	7	14
16	Dev Sethi	6	15
17	Praleen Rao	6	15
18	Harsh Parichha	6	15
19	Abhinav Saxena	4	16
20	Vaibhav Pagariya	4	16
21	Ashwin Ekka	1	17
22	Rajat	1	17
23	Mudit Jain	0	18
24	Anubhav	0	18
25	Vedant Agrawal	0	18

ANSWERS KEY

- | | | | | |
|------------------|---------------|-------------|------------|---------|
| 1. (d) | 2. (b) | 3. (c) | 4. (a) | 5. (b) |
| 6. (c) | 7. (c) | 8. (b) | 9. (a) | 10. (c) |
| 11. (a, b, c, d) | 12. (a,b,c,d) | 13. (b, c) | 14. (c, d) | |
| 15. (a, b, d) | 16. (a, d) | 17. (c) | | |

18 (a) $\sqrt{\frac{2Mgh}{M \tan^2 \theta + 2m}}$

(b) $\frac{Mmg \sec \theta}{M \tan^2 \theta + 2m}$

19. 0

20. 40

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