



PHYSICS CLASSES

FREQUENCY
(Let's match our waves)

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

ASHUTOSH CHATURVEDI

(B.Tech.IIT-BHU)

MOTION IN 1-D (LEVEL - 2)

Date : 05-05-2019

M. M. : 63

	Name	Marks	Rank
1	Priyesh	47	1
2	Parnavi Gajbe	40	2
3	Himanshi Verma	37	3
4	Raj Panday	37	3
5	Vaibhav Joshi	31	4
6	Shaswat Tripathi	30	5
7	Kanishk Singhal	27	6
8	Shreesh Pathak	26	7
9	Felix Thomes	25	8
10	Shree Khubchandani	24	9
11	Parth Jhunjhunwala	22	10
12	Surash Kolte	22	10
13	Manu Sinha	21	11
14	Utkarsh Verma	20	12
15	Abhay Bansal	18	13
16	Shivam Gupta	18	13
17	Anushka Chaudhary	18	13
18	Rishabh Sahu	17	14
19	Muskan Chourse	16	15
20	Himanshu	16	15
21	Sanskriti Dhurandar	16	15

	Name	Marks	Rank
22	Sanidhya Jain	15	16
23	Yuvraj Dewangan	15	16
24	Sarvagya Surana	15	16
25	Kunal Magendra	11	17
26	Alankar	10	18
27	Sweety Kumari	10	18
28	Divykari S. Rajpurohit	9	19
29	Adarsh Gaharwar	8	20
30	Vedant Dhar Diwan	7	21
31	Ashutosh Prajapati	7	21
32	Yash Dodani	7	21
33	Prapti Mondal	5	22
34	Abhinav	4	23
35	Atibh Panday	4	23
36	Srishti Sahu	3	24
37	yatharth Sahu	3	24
38	Abhishek Aneshwari	3	24
39	Harish Banjare	3	24
40	Anushka Soni	1	25
41	Umakhant Sonkar	0	26
42	Kinchit Sahu	0	26

ANSWERS KEY

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

22. $\theta = \tan^{-1}(2)$ with horizontal, $v = 8/\sqrt{5} = 3.58$

23. $\frac{2\sin(\theta/2)}{\theta}$

24. 6 m/s

25. 15.96 sec, 239 m.

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