



PHYSICS CLASSES

FREQUENCY
(Let's match our waves)

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

ASHUTOSH CHATURVEDI

(B.Tech.IIT-BHU)

SIMPLE HARMONIC MOTION

Date : 22-12-2019

M. M. : 112

	Name	Marks	Rank
1	Dhruv Kumar Agrawal	112	1
2	Alankar Saxena	96	2
3	Anwar Ahmed	87	3
4	Yatharth Sahu	86	4
5	Vinayak Bajpai	85	5
6	Yash Dodani	81	6
7	Divya Panjwani	78	7
8	Akshita Baghel	77	8
9	Vikas Tandan	76	9
10	Sarvagya Surana	76	9
11	Siddharth Jain	73	10
12	Aman Kumar	73	10
13	Neha Motwani	72	11
14	Aditi Bajpai	69	12
15	Kanishk Singhal	69	12
16	Bhavesh Dewangan	68	13
17	Vaibhav Joshi	68	13
18	Stuti Juneja	67	14
19	Shaswat Tripathi	66	15
20	Tushar Prajapati	66	15
21	Shashwant Nandeha	65	16

	Name	Marks	Rank
22	Chirag Chouhan	65	16
23	Abhay Bansal	62	17
24	Manu Sinha	62	17
25	Rishabh Sahu	61	18
26	Shreesha Pathak	60	19
27	Suyash Kotle	58	20
28	Harish Ku. Banjare	58	20
29	Palak Ladha	57	21
30	Suryansh Manhar	57	21
31	Shreem Trivedi	56	22
32	Divyakarni S.Rajpurohit	54	23
33	Abhinav	52	24
34	Aachal Kothari	51	25
35	Himanshu Ku. Singh	50	26
36	Shubham Tiwari	48	27
37	Shivam Gupta	44	28
38	Kunal Magendra	44	28
39	Harsh	44	28
40	Raj Panday	42	29
41	Parnavi Gajbe	42	29
42	Utkarsh Verma	40	30

	Name	Marks	Rank
43	Sanskriti	38	31
44	Harshil Rathod	37	32
45	Ayesha Aslam	34	33
46	Anushka Soni	34	33
47	Srishti Sahu	34	33
48	Vedant Dhar Diwan	32	34
49	Soumya Manjhi	30	35
50	Parth	30	35
51	Aashi Tiwari	28	36
52	Muskan Chourse	28	36
53	Ashna Kudarya	27	37
54	Sanidhya Jain	26	38
55	Simmi Baghel	25	39
56	Vrinda Gupta	25	39
57	Sweety Kumari	25	39
58	Nitish Agrawal	24	40
59	Prapti	22	41
60	Umakant Sonber	21	42
61	Atibh Panday	21	42

	Name	Marks	Rank
62	Abhishek Aneshwari	19	43
63	Ashutosh	19	43
64	Palakedwani	17	44
65	Khushi Tiwari	17	44
66	Kinchit Sahu	15	45
67	Simran Mandhani	15	45
68	Yakshi Rahuja	15	45
69	Soumya Chopda	15	45
70	Anjali Daheriya	15	45
71	Rashmi	14	46
72	Garima Thakur	14	46
73	Ananya	12	47
74	Gyanesh Rao	2	48
75	Adarsh	0	49
76	Felix Thomas	0	49
77	Shrishit Bapat	0	49
78	Anubhuti Gurdekar	0	49
79	Disha Diwan	0	49
80	Purti Chopra	0	49
81	Ritik Sahu	0	49

ANSERS KEY

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

23. $\pm \frac{6}{5} \text{ cm}$ or $\pm 1.2 \text{ cm}$ from the mean position.

24. $2\pi \sqrt{\left(\frac{2m}{9k}\right)}$

25. 1 m

26. False

27. False

28. False

29. False

30. False

31. False

32. True

33. False

34. False

35. True

36. True

37. True