



PHYSICS CLASSES

FREQUENCY
(Let's match our waves)

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

ASHUTOSH CHATURVEDI

(B.Tech.IIT-BHU)

G R A V I T A T I O N

Date : 08-12-2019

M. M. : 113

	Name	Marks	Rank
1	Dhruv Kumar Agrawal	98	1
2	Rishabh Sahu	79	2
3	Akshita Baghel	78	3
4	Sarvagya Surana	75	4
5	Stuti Juneja	73	5
6	Vinayak Bajpai	72	6
7	Yatharth Sahu	71	7
8	Yash Dodani	69	8
9	Divya Panjwani	68	9
10	Harish Ku. Banjare	68	9
11	Anwar Ahmed	67	10
12	Yakshi Rahuja	67	10
13	Aashi Tiwari	67	10
14	Sidharth Jain	65	11
15	Kunal Magendra	65	11
16	Kanishk Singhal	64	12
17	Alankar Saxena	63	13
18	Tushar Prajapati	63	13
19	Vaibhav Joshi	62	14
20	Shreesh Pathak	60	15
21	Aachal Kothari	58	16

	Name	Marks	Rank
22	Shreeom Trivedi	58	16
23	Divyakarni S. Rajpurohit	57	17
24	Parth Jhvnjhunwale	56	18
25	Neha Motwani	56	18
26	Ritik Sahu	55	19
27	Suyash Kotle	53	20
28	Shubham Tiwari	53	20
29	Vedant Dhar Diwan	53	20
30	Aditi Bajpai	52	21
31	Ayesha Aslam	52	21
32	Aman Kumar	50	22
33	Vikas Tandan	50	22
34	Utkarsh Verma	50	22
35	Muskan Chourse	49	23
36	Abhay Bansal	48	24
37	Khushi Tiwari	48	24
38	Manu Sinha	48	24
39	Parnavi Gajbe	47	25
40	Shivam Gupta	47	25
41	Abhinav	46	26
42	Chirag Chouhan	44	27

	Name	Marks	Rank		Name	Marks	Rank
43	Palak Ladha	43	28	62	Felix Thomas	17	42
44	Harshil Rathod	42	29	63	Suryansh Manhar	16	43
45	Ashutosh	42	29	64	Ananya Agawal	15	44
46	Shashwant Nandeha	40	30	65	Himanshu	14	45
47	Raj Panday	39	31	66	Atibh Panday	14	45
48	Shrishti Bapat	39	31	67	Rashmi	11	46
49	Anushka Soni	37	32	68	Purty Chopra	11	46
50	Sanskriti Dhurandhar	36	33	69	Soumya Chopda	11	46
51	Vrinda Gupta	33	34	70	Adarsh	10	47
52	Bhavesht Dewangan	30	35	71	Anubhuti Gurdekar	7	48
53	Prapti Mondal	28	36	72	Abhishek Aneshwari	6	49
54	Harsh	28	36	73	Ashna Kudarya	6	49
55	Umakant Sonber	28	36	74	Kinchit Sahu	6	49
56	Garima Thakur	26	37	75	Anjali Daheriya	5	50
57	Shaswat Tripathi	26	37	76	Palakedwani	4	51
58	Simran Mandhani	21	38	77	Simmi Baghel	4	51
59	Nitish Agrawal	20	39	78	Disha Diwan	4	51
60	Sweetty Kumari	19	40	79	Shishti Sahu	0	52
61	Soumya Manjhi	18	41				

ANSERS KEY

1. (c) 2. (c) 3. (c) 4. (d) 5. (d) 6. (c) 7. (c)
8. (c) 9. (d) 10. (d) 11. (d) 12. (a) 13. (a) 14. (d)
15. (b) 16. (a) 17. (d) 18. (c) 19. (a) → P, (b) → Q, (c) → S, (d) → T
20. $a_1 = 5.3 \times 10^{-10} \text{ ms}^{-2}$, $a_2 = 2.65 \times 10^{-10} \text{ ms}^{-2}$
21. (a) 6.90 kms^{-1} (b) $2.38 \times 10^{10} \text{ J}$ (c) $-4.76 \times 10^{10} \text{ J}$ with usual referencee (d) 2.1 h
22. $2.1 \times 10^{-5} \text{ ms}^{-1}$, $4.2 \times 10^{-5} \text{ ms}^{-1}$ 23. 1 24. False 25. False 26. False 27. True
28. True 29. False 30. True 31. False 32 1: 1 33. Gravitational force
34. plain, hill 35. one-fourth