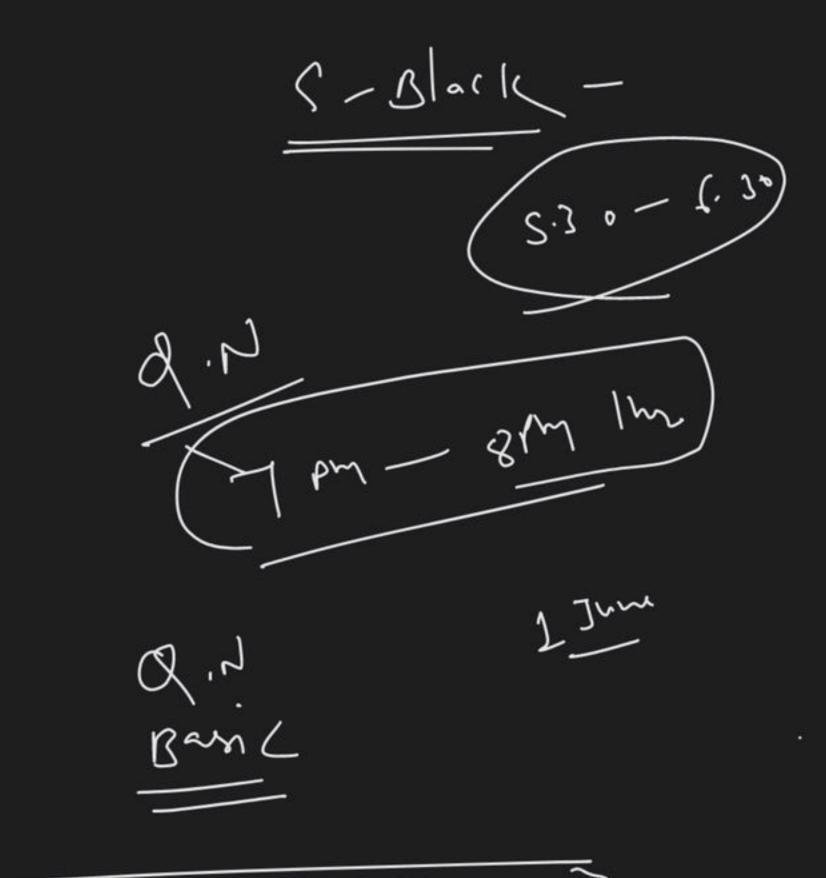


Course on Inorganic Chemistry for Class XI - 2023

<u>N</u>.N

5-B10(1



2 June - Periodic Properities

grantum number give complete information about an electron or obsited in an atom $\mathcal{Q} \cdot \mathcal{N} =$ principale Q.N (n) 2) Azimethal D.N (l) Magnetic 2. N (m) (m) spin R.N (s) (ms)

Principal & N (m) (i) Niels bohr ('i) it lepresents Shell energy level | Orbit (] i) value = 1 to 00





IIT INORGANIC CHEMISTRY VISHAL JOSHI SIR

Corporate Office: NAIVEDHYAM, Plot No. SP-11, Old INOX, Indra Vihar, Kota (Raj.) 324005





Mr. Vishal Joshi who is the Director & Co-Founder of Nucleus Education popularly known as

VJ sir among students. He is also the HOD of Inorganic Chemistry Department. He is Known as the

Wizard of Inorganic Chemistry. Nucleus Education is A Premier Institute for IIT JEE(Main+

Advanced), NEET (UG) and other Competitive Examinations of National and International level like

Olympiads, PRMO, RMO, IJSO, ICHO, IPHO, IAO, NTSE and KVPY.





Mr. Vishal Joshi has a mammoth experience of 19 years and he has been the mentor of top brains of the country. He has mentored top rankers of IIT-JEE such as

Chitraang Murdia (AIR-1, IIT-JEE 2014), Govind Lahoti (AIR-3, IIT-JEE 2014), Nishit Agarwal

(AIR-6, IIT-JEE 2012), Amey Gupta (AIR-8, IIT-JEE 2014), Lakshay Sharma (AIR-10, IIT-JEE

2017), Yatish Agarwal (AIR-12, IIT-JEE 2017), Rohan Garg (AIR-18, IIT-JEE2015), Vibhav

Agarwal (AIR-19, IIT-JEE 2019), Shashank Agarwal (AIR-20, IIT-JEE 2018) And-

AIR- 23, 24, 27, 29, \$2, 33, \$6, 37, 40, 42, 48, 51, 52, 53, 54, 87, \$8, 61, 63, 66, 67, 73, 78, 82, 86, 87,

91, 93, 96, 98, 99, 100





He has also been the mentor of ICHO Gold Medalist Kshitiz Garg (2015) Silver Medalist Sharvik Mittal (2016), Bronze Medalist Kushal Babel (2012), Silver Medalist Aayush Kadam (2018) and Jeevesh Kesar KVPY rank (2019). One student Yash Mishra under his guidance has received the very prestigious Pradhan Mantri Bal Shakti Puraskar by the honorable President Shree Ramnath Kovind on 26th Jan 2020.



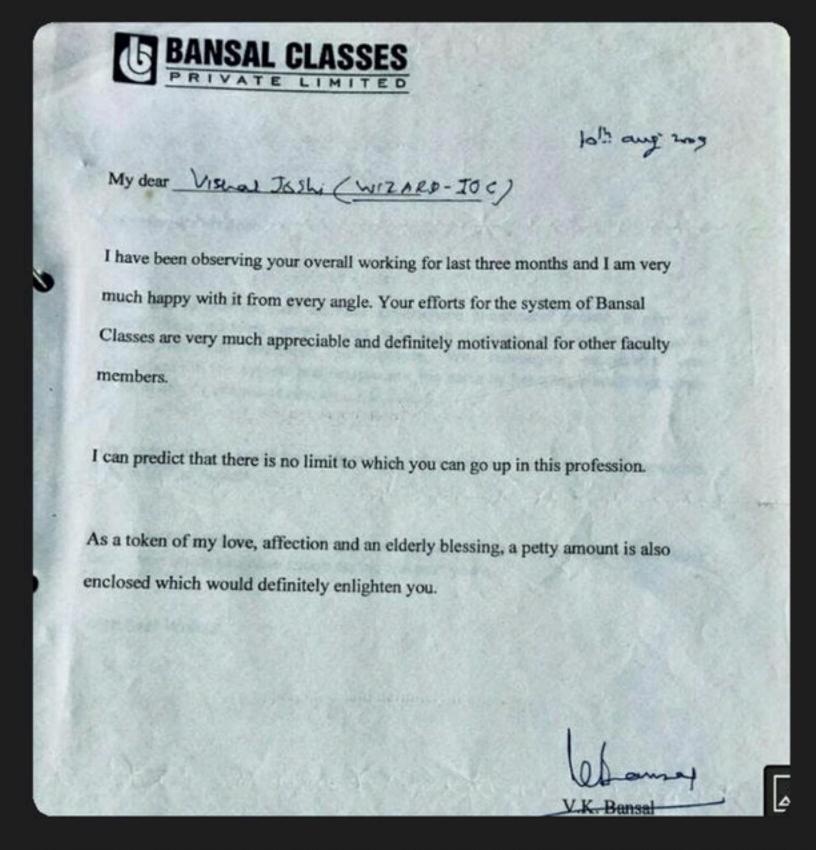


and all liabilities with regards to the content





Wizard of IOC ka photo sir

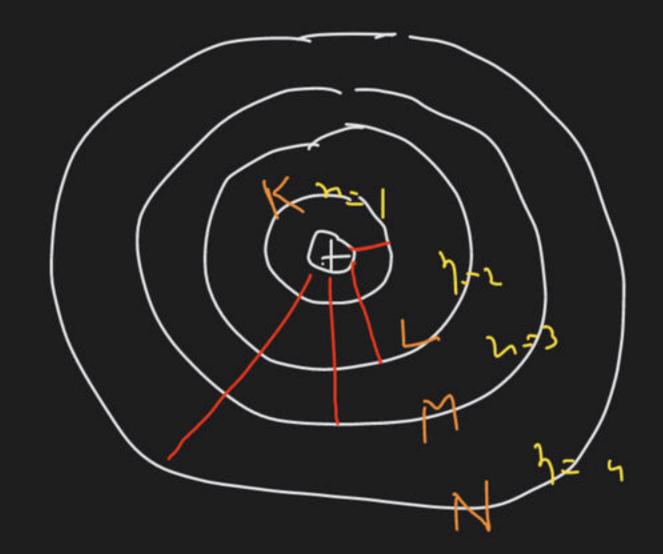








Mr. Vishal Joshi is also an Author. He is the author of PROBLEMS AND SOLUTIONS IN INORGANIC CHEMISTRY for IIT-JEE (Main & Advanced). He is one of the best teachers who understand the challenges faced by students preparing for the IIT-JEE entrance examination and has customized fundamentals of inorganic chemistry in his book to meet student's requirements. He is known as Motivational Guru among students.



- it he presents distance DeD

it indicates distance of e - from nucleus it also determing the energy of the electron ingeneral higher mt higher energy

Ohich of the following of his higher energy

2nd sheer of 1 fourth sheer of

3 3rd sheer of his sheer of

Which Of the John wing e-Closest towards muckeys 2st shelle 40 milh shull-3rd shedt 2rd shede

Note = Lold zymber of ophilaly in a shew = 32 total number of e in a shull = 2n2 total number [5 mshew] = murler of shew find the number of e- in 4th show (1) 71 (C) 8 (q) 4

2 <11= 32

find the number of ability in 4th sheet (g) 32 (g) 16 (g) 8 find the nymber of subshur in yth shell (9) 8 (3) 32 (C) 16 (A) 4

Home poons almirah broks Shell subshell oppital