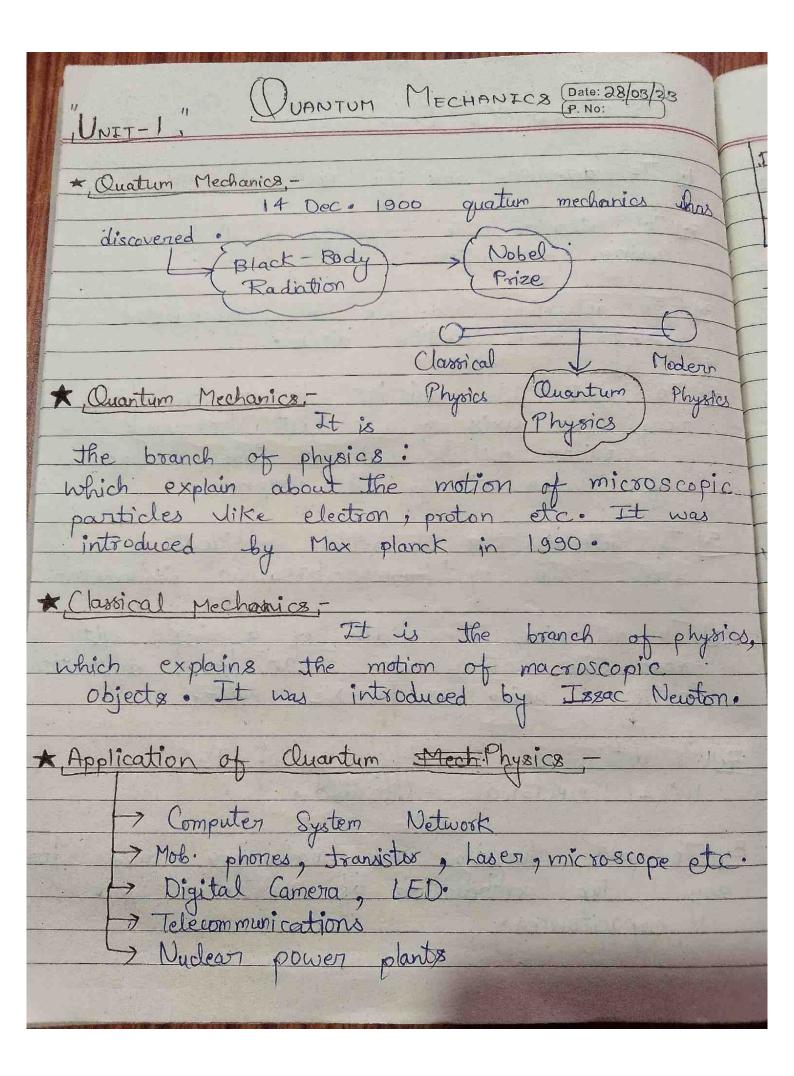
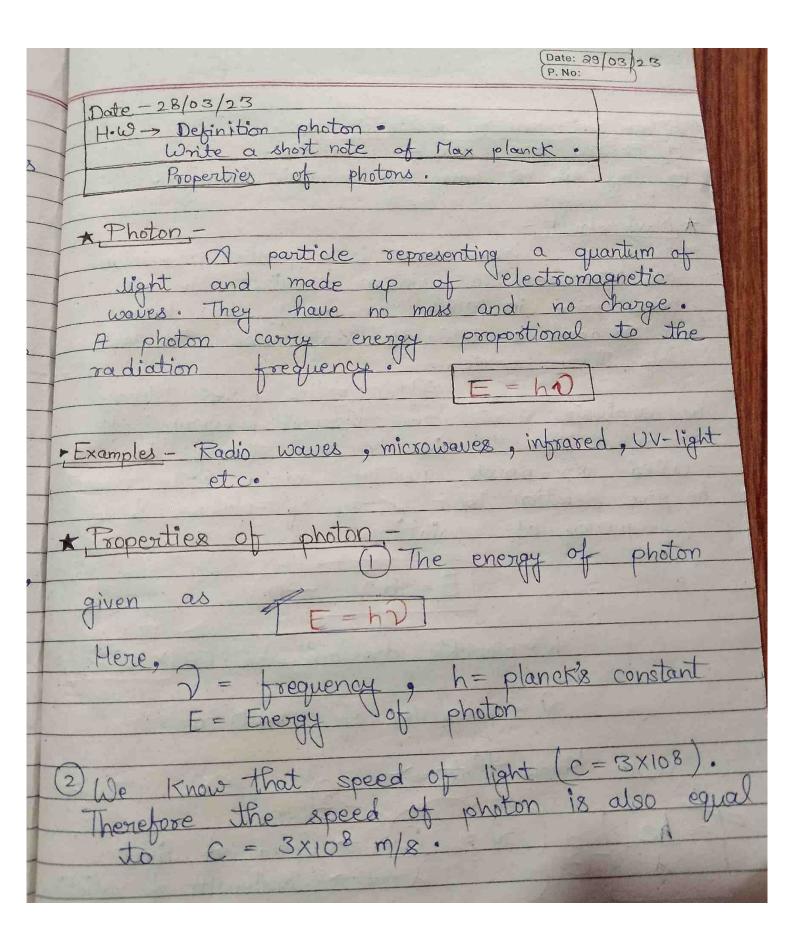
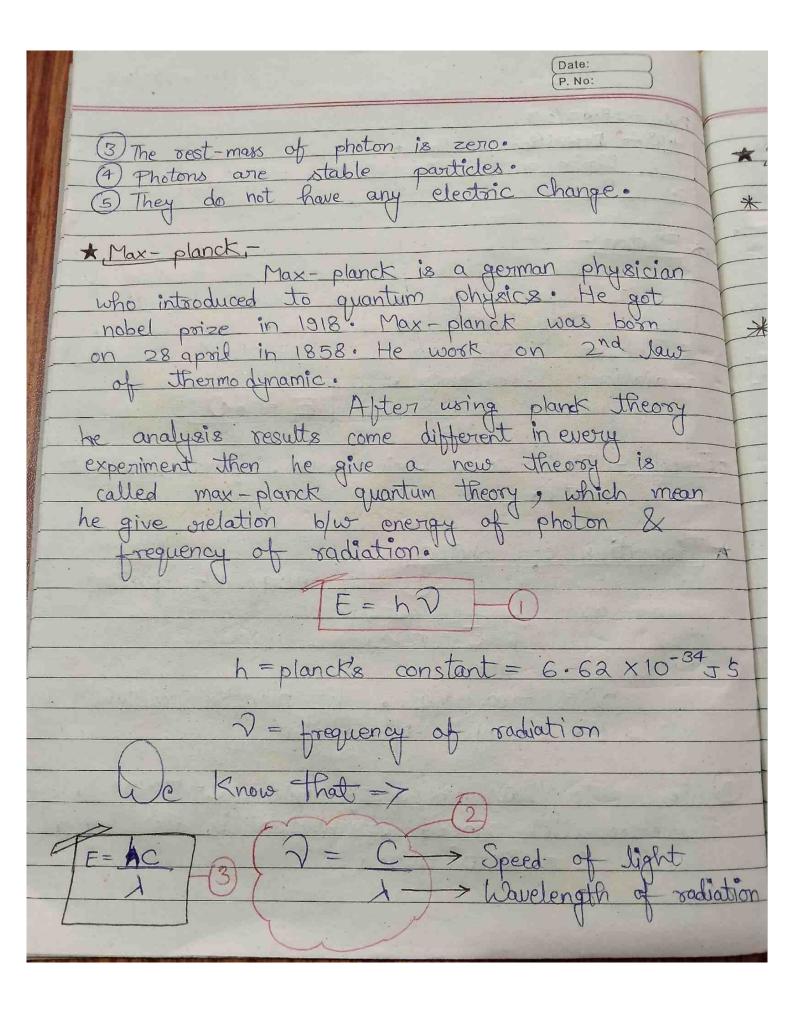
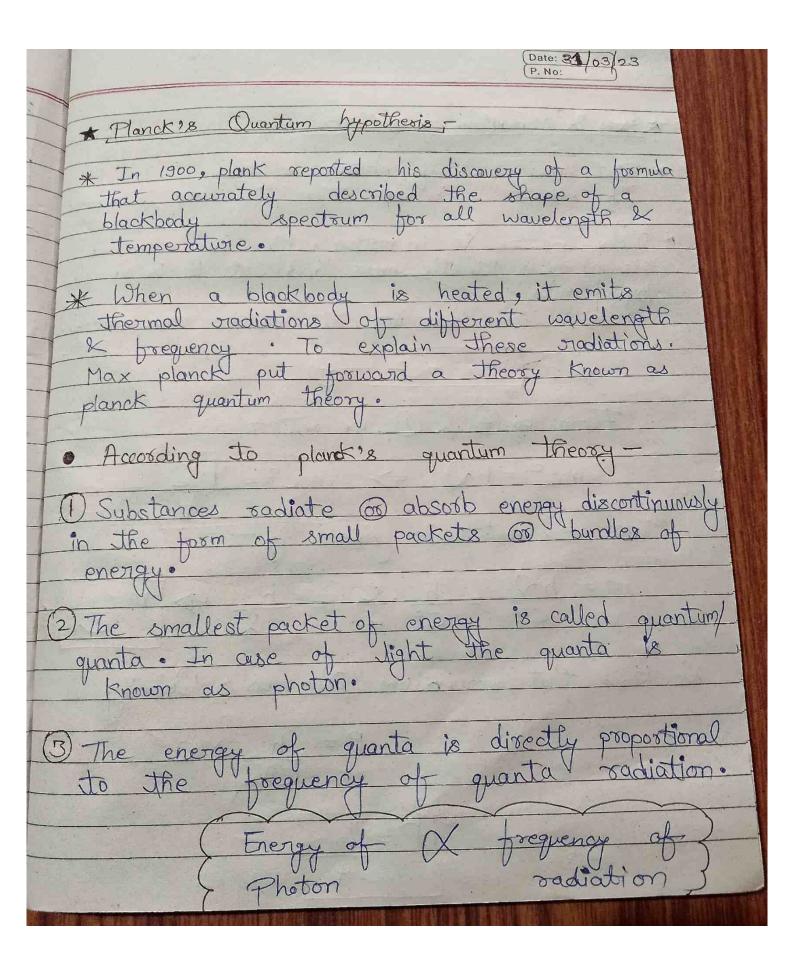
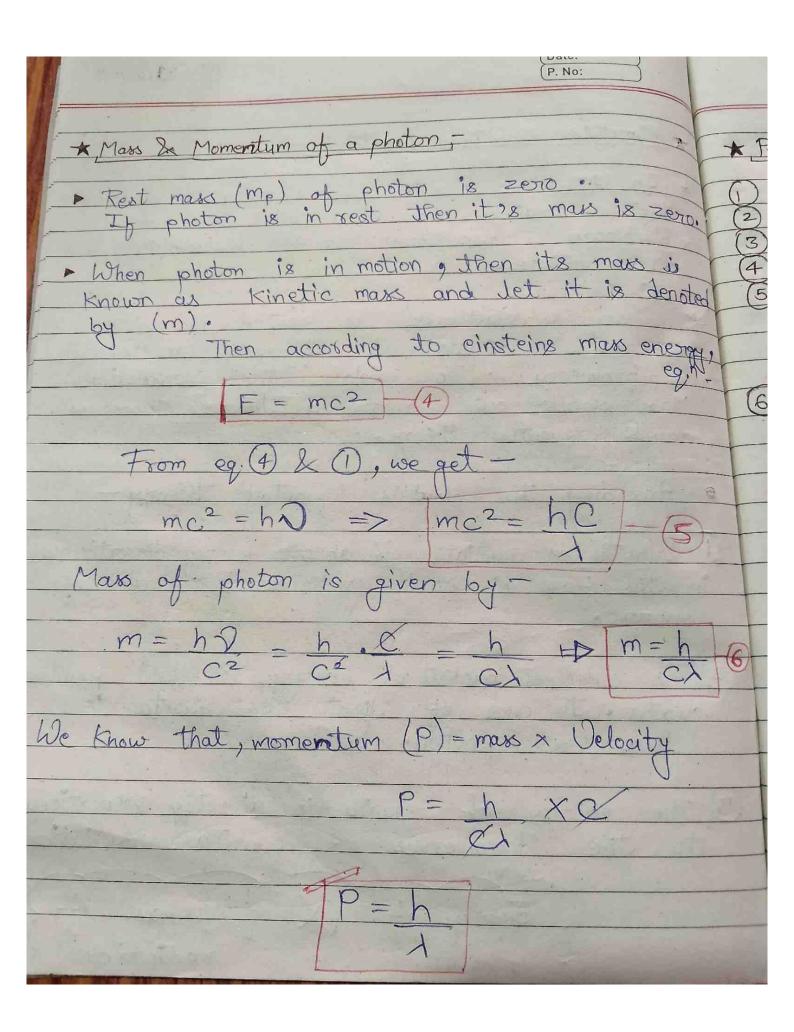
IYUSH CS











	Date:	
* Properties of photon,		
They have zero mass & rest e (2) They have no electric charge of (3) They only exist as a moving position (4) They are stable. (5) They an destroyed & Created by process (like radiation, absorption or emission).	y many n	atural
6 When in empty space. They trav speed of light (in Sacrum)	el at the	2
* Wave particle duality of radi		
1) Wave - A wave nothing but so disturbance in a modium. I properties of wave are—	ne vou	0/4009484
(i) Amplitude (ii) Time Feriod (iii) to (v) Phase (vi) Intensity.	reguency (i	in I Wave length
2. Thase - A particle is a point has mass & occupies space (Change properties of a f	nt in sp or Region articles.	ace which
1) Mars 2) Velocity 3) Momentum	(4) Energ	4,

fige 07 (Santhi) Radiation (light) Wave (Vissible / ToproRed futter voilet Particle Photon /quanto) F= 10 (p= 10) 1 shows show Interference / Deffraction Blackbody Radiation. Photodectric effect. Two waves at the , when some position at The Radient energy the same time) m its intexaction with matter in the from, at phaton The radiations behaves & conclusion like ware The radiations behaves like particly like particles 1924 Lewies de Broglie