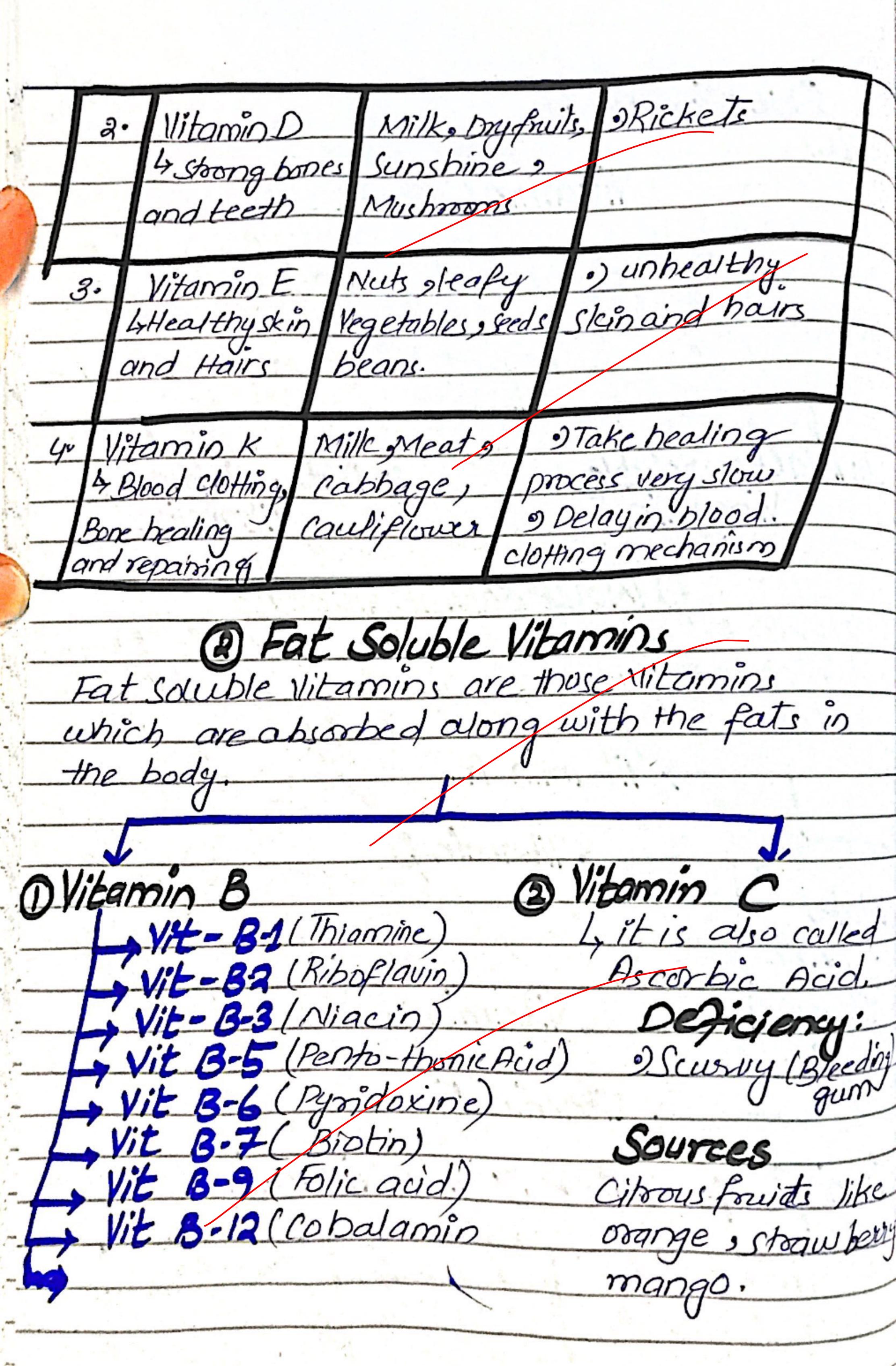
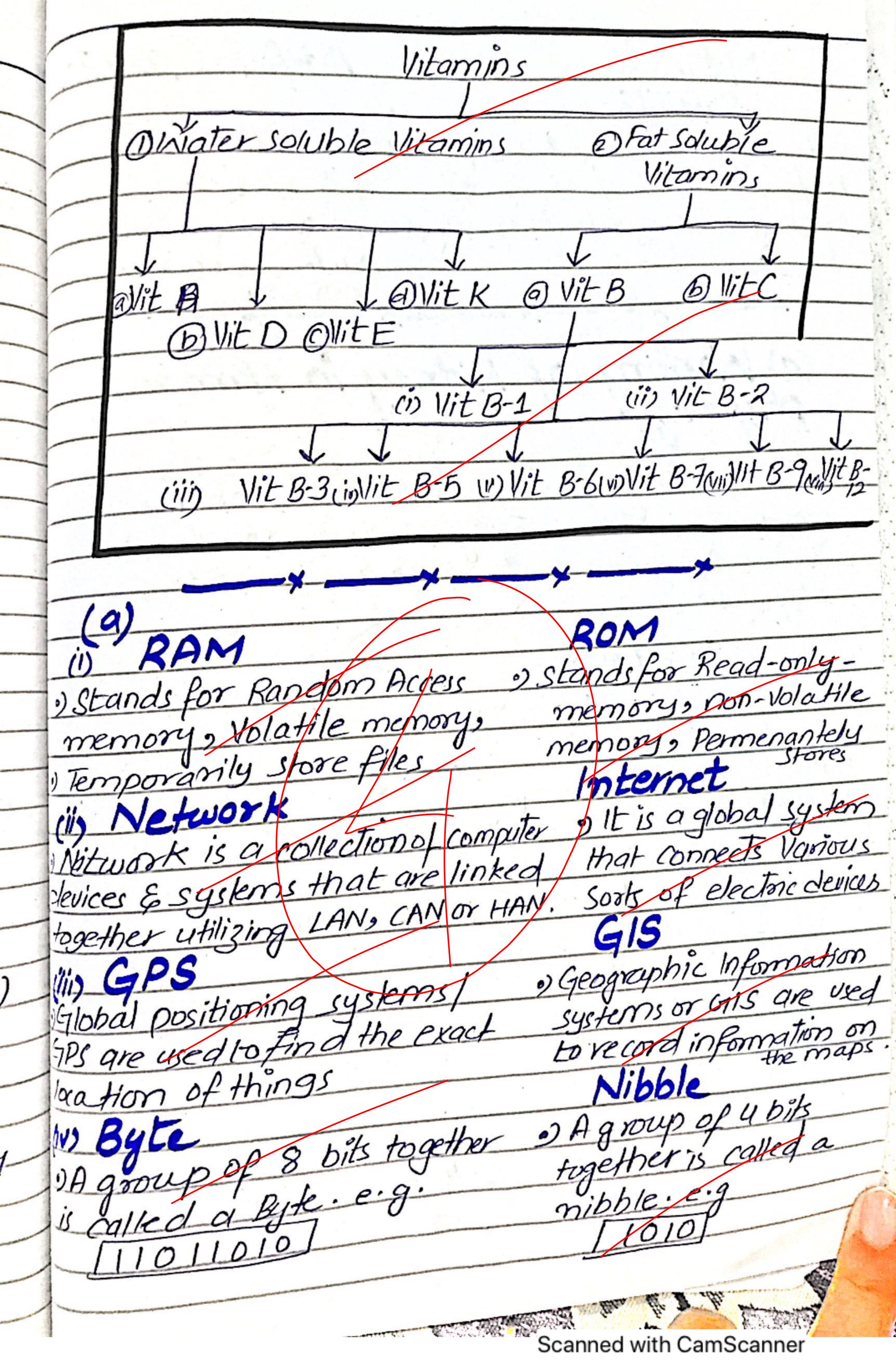
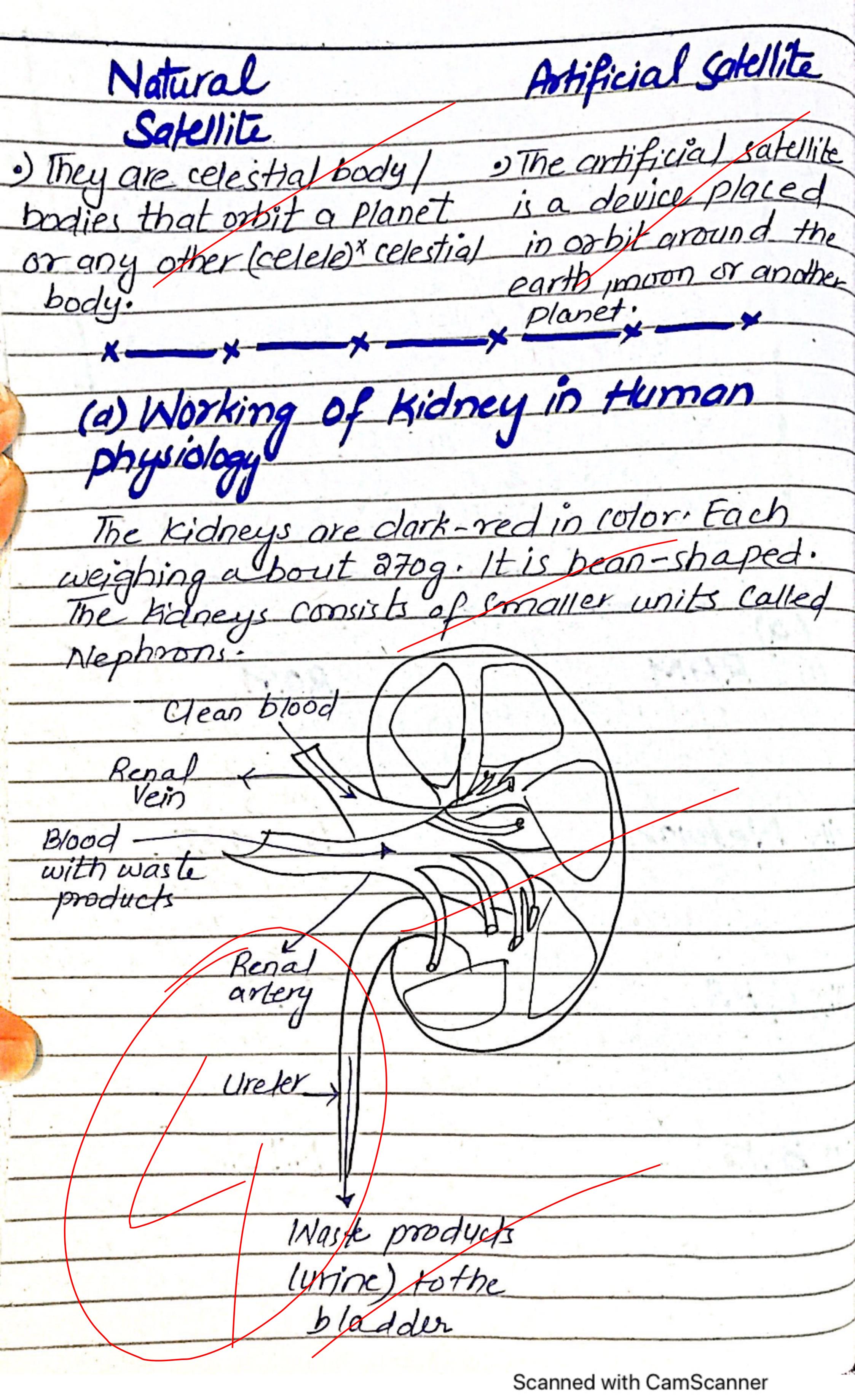
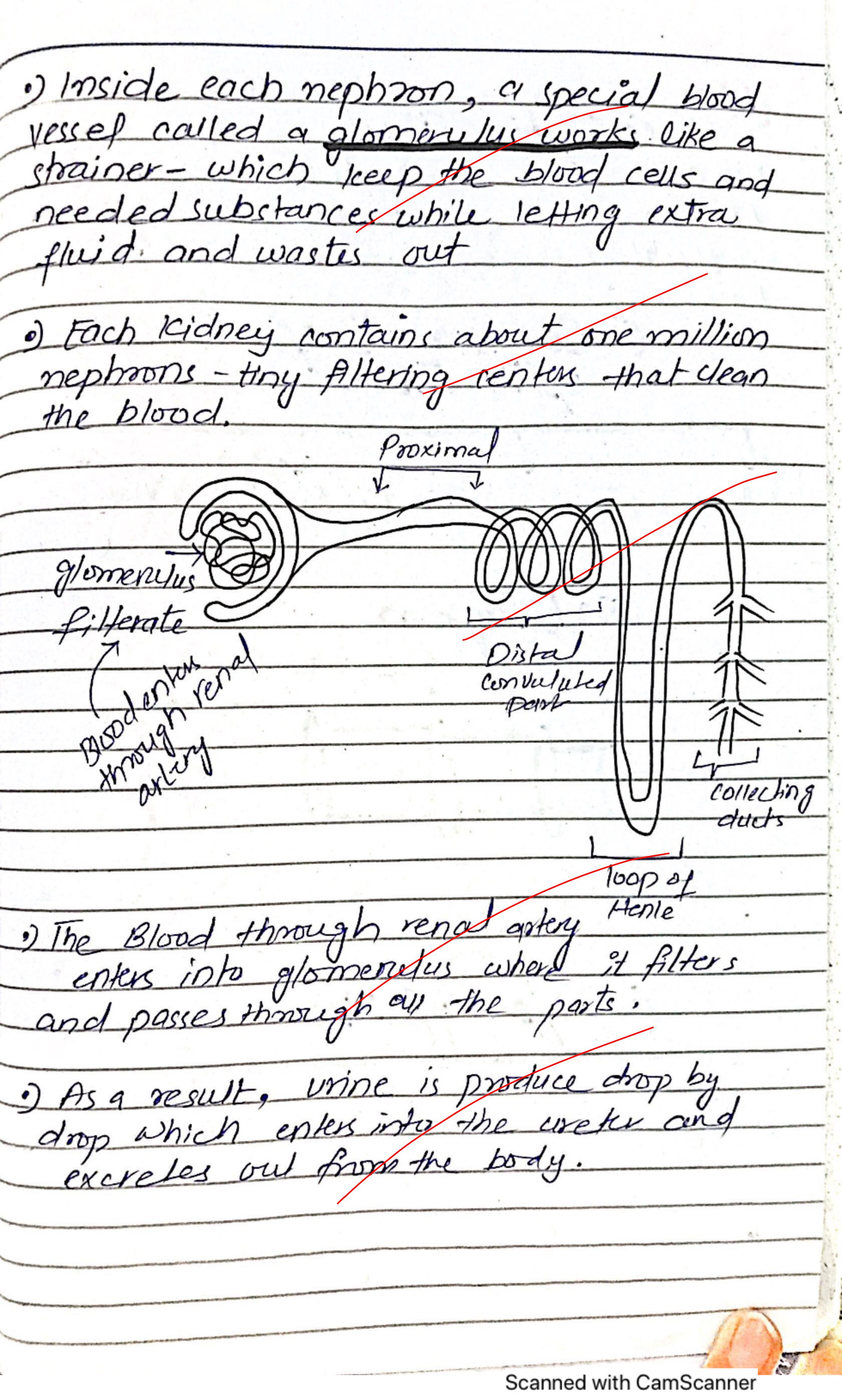
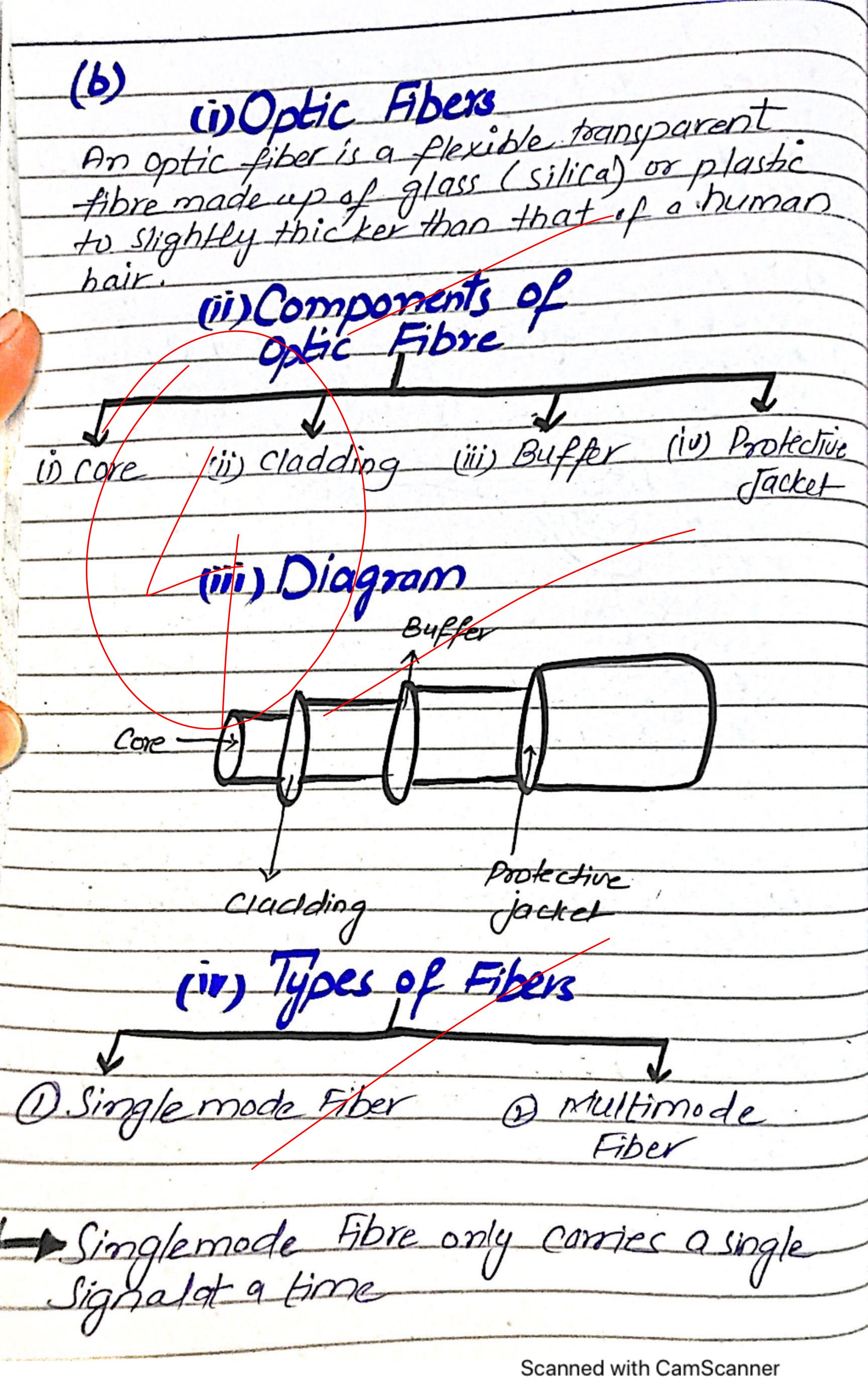
Question No 02: If you have attempted it in 3 hours then excellent **Enough headings** Paper presentation is fine Work.on math portion Vitamins Vitamins are the organic substances which are essential for normal functioning and growth of body tissues and parts. Vitamins can be of two types; Older Soluble Fot soluble VICAMINS @ Mater Soluble Vitamins Water Soluble Vitarris are those types of Witamins which are upon taking able to with liquid portion of the body + ViLamin A -> V/Lamin D Soluble yitamin E Vituminy Vibamin K Brief of Water soluble Vitamins Deficiencies Stino Water Sol Vitamins Sources Vitamin A 40 Growth e) maintanenace ¿ orange lolored Vision Scanned with CamScanner











Signal at a time (v) Principal of Obic Fibre Optic Fibre principal based on the total incident reflection . Total incident reflection is when the ray of incident angle is having greater repractive index than that of of optic fibre takes place. water (UI) when the total reflection is observed, the Incident ray reflect in the same medium.

without going into the rare medium.

Resulted in transfer of Communication

though these fibers.

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Question # 05

(a)
Lises of Electromagnetic Radiations
The following are the uses of electromagnetic radiations

i) Gamma Rays
i) Gamma rays are used to vemove kidney
stone, tumors without need of surgery
(ii) It is used in the identification of
cracks in the buildings, bridges,
aproplance etc.

i) X-Rays

(i) It is used to visualize the internal struct
une of the body

ii) Atoms arrangement can also be studied

under x-ray

i) Infrared Radiations are used in the TV remotes. Through 18 radiation, changing of channels is possible

i) Radio Waves

(i) Radio waves are used in RADAR, which

helps in the detection and ranging of

radio waves

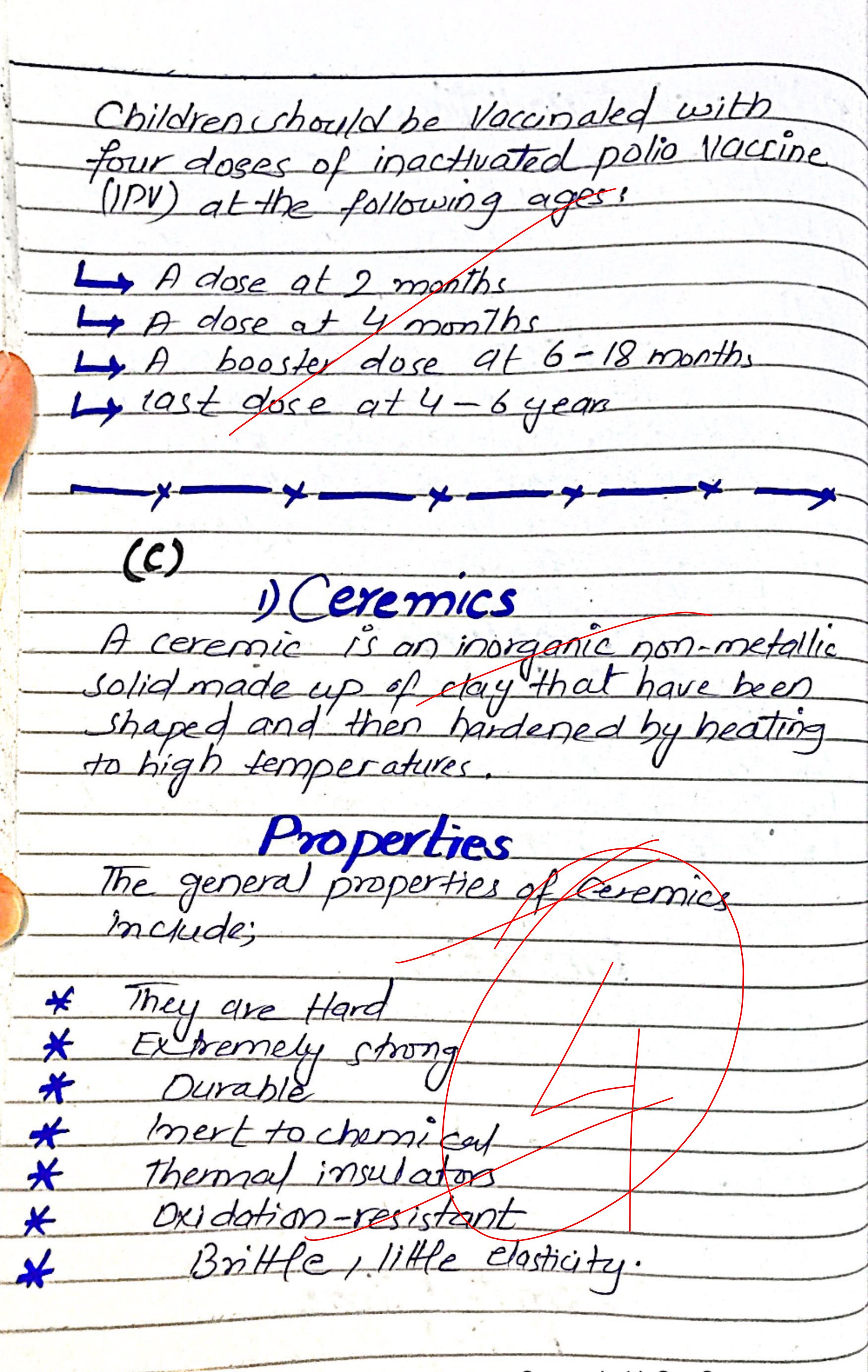
(ii) It can be used in satellites, mobile

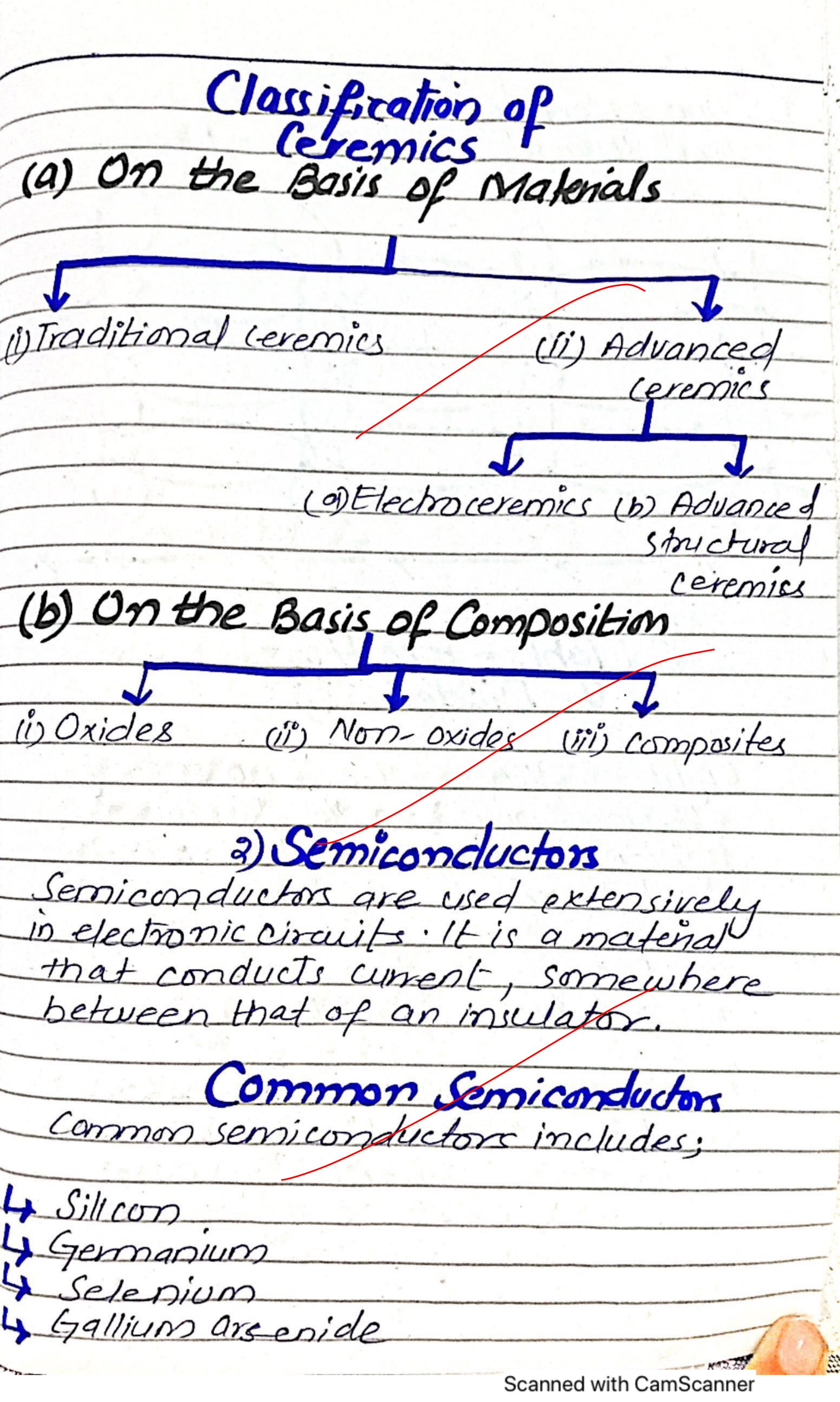
phones.

Ultravoilet Radiations

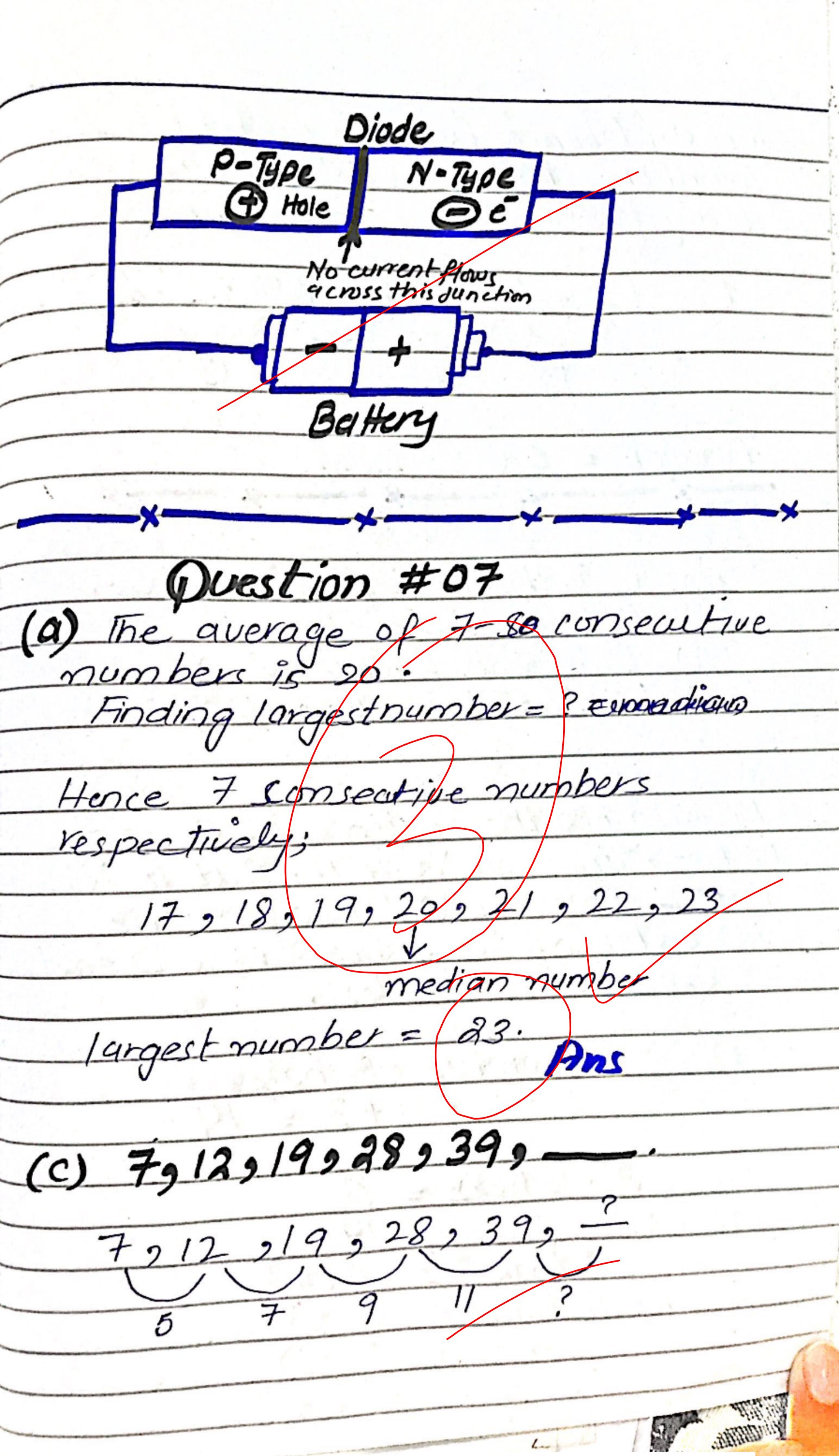
ii) UV radiations can be used to kill bacteriagt industrial level.

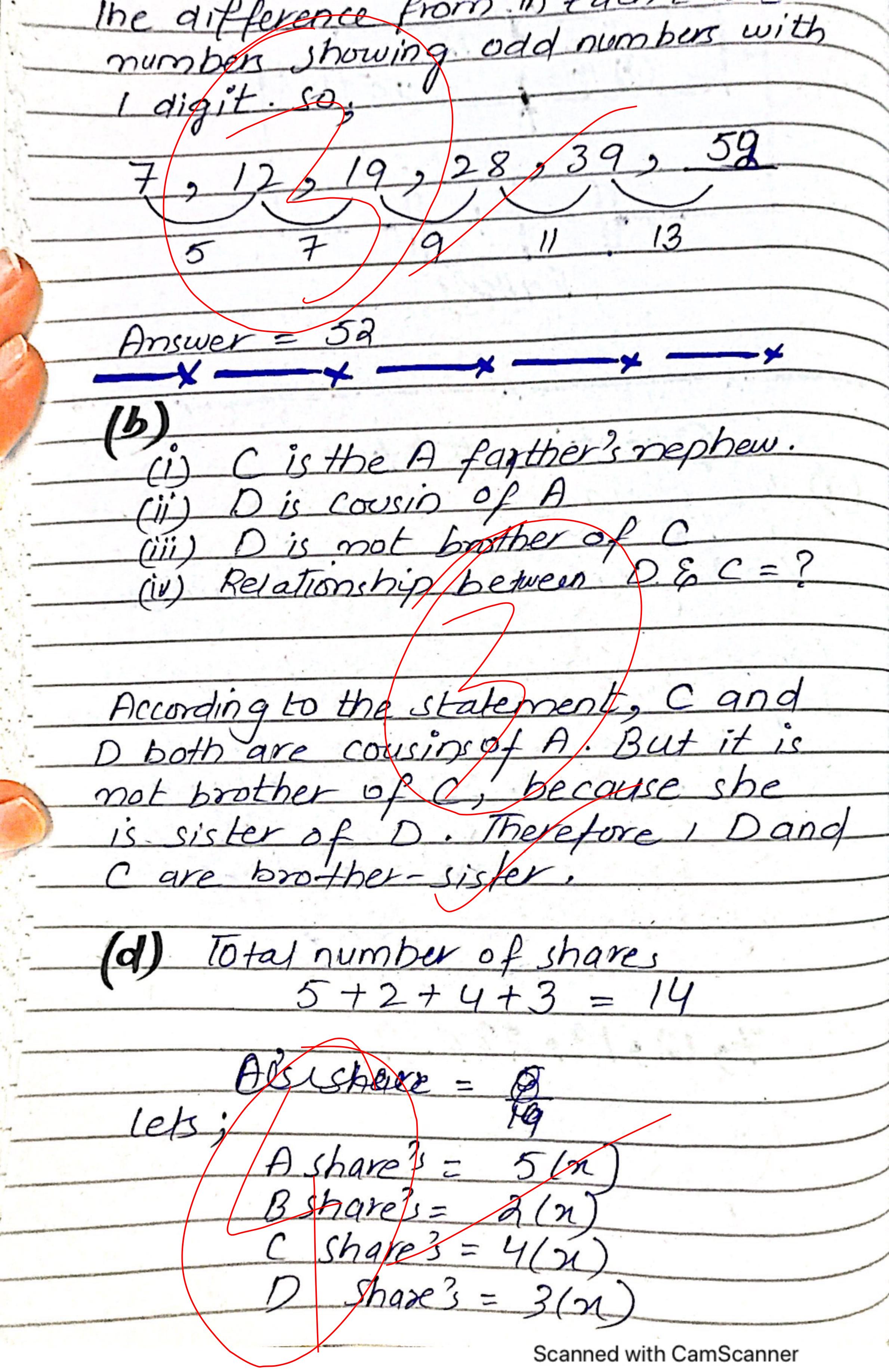
iii) It can also be used in phototherapy. Polio Polio (polymyelitis) is a highly infectious Vival disease. It invades the nervous System, and concause total paralysis in. a matter of hours. It mainly affects the young children. The Jollowing are the symptoms of 4 Ineversible Paralysis Ly Breathing muscles become immobilized Ly Stiffness in the neck and pain in the Prevention Thre is no cure but it can only be
prevented through immunication called
polio laccine. 1) Inactivated Polio Maccine (IDV) (2) Oral Polio Vaccine (OPV) Vaccinated Time Period





Zinc selenide lead telluride Light - Emitting Light-emitting diode is on energy-efficient and rapidly developing lighting diode. A light-emitting diode consists of (a) P-type Junction
(b) N-type Junctum A chip of semi consucting material doped with impurities to create a p-n junction. Current flows easily from p-junction to n-junctions.
As a result, after their oneeting energy releases





C gets 1000 more than D Cobbre 41000 C = D + 1000 C+1000 = 3(n) 4x + 1000 = 3x 4n-3n B share's = 2 (1000) Question. # 08 (i) Pumpkin (ii) Smack (iii) Fierce circle There are two times of in a circle Scanned with CamScanner

