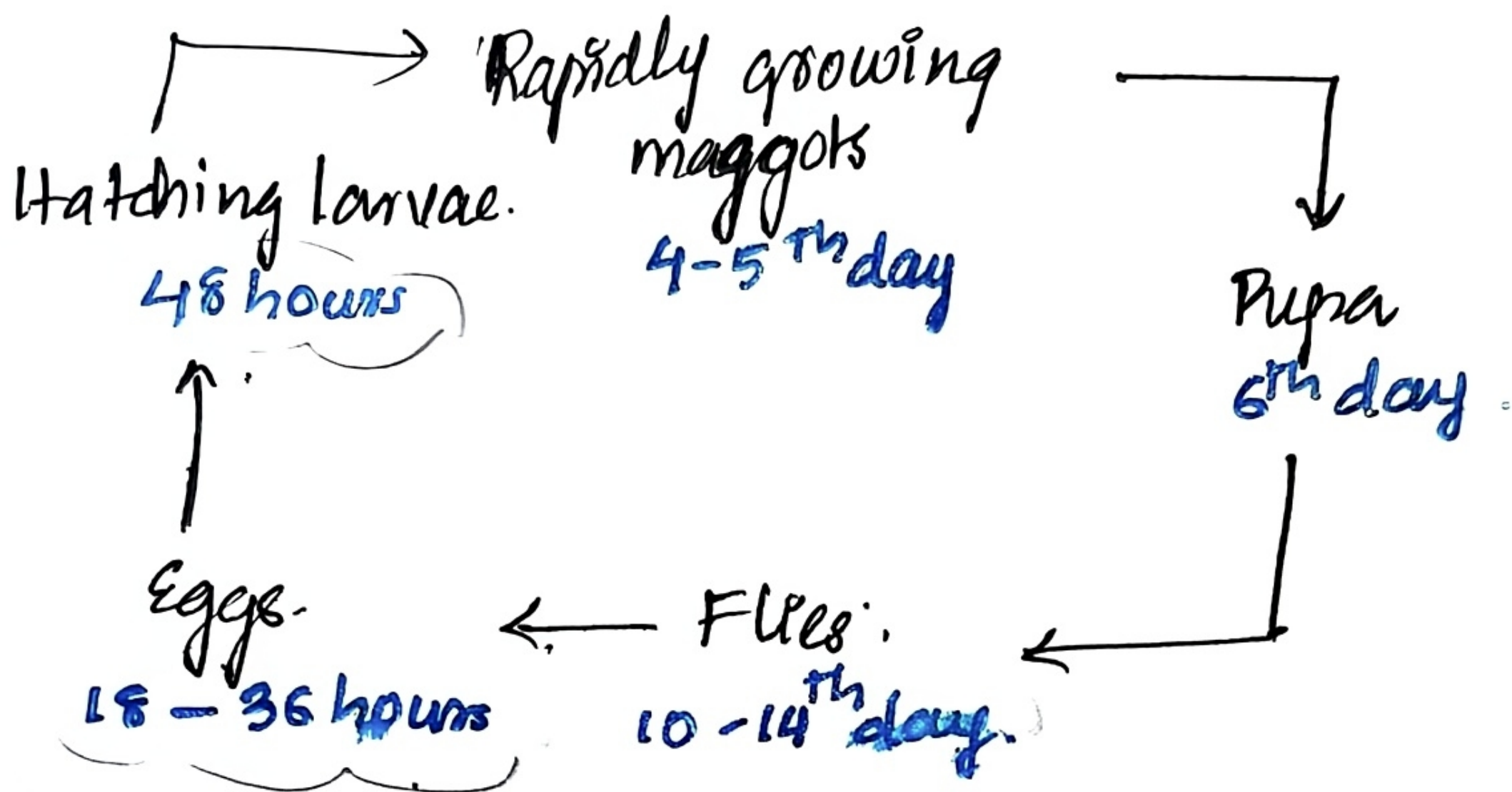


Q Draw and label life cycle of maggots

— 48 hours after death seen

— larvae of flies



Q. Suspended Animation / Apparent Death.

→ When vital functions of the body are maintained

① subnormal and non demonstrable level with functions reduced to a minimum and non-detected in routine clinical methods.

Eg: Drowning, Electrocution, Hanging, Sunstroke, Anesthesia, Newborn hypothermia, Drug Poisoning, Head injury, voluntarily made (yoga).

MOA: Metabolic rate is so reduced that the requirement of cells for oxygen is satisfied through O_2 dissolved in body fluids.

Q. Cadaveric spasm

→ condition in which muscles of the body which were in a state of contraction immediately before death, continue to be so after death, without passing through the stage of 1st flaccidity

Rehe.

Eg: suicides by stabbing/gunshots
— weapon firm in hand.

Drowning cases — weed particles in hand.

MLI: Suicides:

1 to suicides; weapon kept in hand

In murder due to assault; cloth/hair/button

In drowning; weed particles

In electrocution death; cable wire in hand

It indicates last action of victim.

Q. Contusion And Livor mortis / PM staining.

CONTUSION	PM STAINING
* Seen anywhere. * Due to blunt force * Infiltratⁿ of bld vessels and extravasation * Bld infiltratⁿ seen in deeper tissues * Margins merge with surrounding area. * Will not blanch * Area may be elevated due to swelling * Colour may change depending on healing * Epidermis may abrade * No change in position * Histology: cellular infiltration * Histochemical examⁿ: enzymatic level	* Seen in dependent parts only. * PM change * Confined to bld vessels only * Not seen in deeper tissues. * Margins are clearly defined. * May blanch when pressed * No elevatⁿ. * No colour change - Uniform * Not abraded. * Change when not fixed * Histology: blood clot in vessels. * No change in enzymatic level.