

⑦

$$R \times S \equiv$$

a) $\pi_R(R \bowtie S)$

b) $R \bowtie (\sigma(\pi_{R \cap S}(S)))$

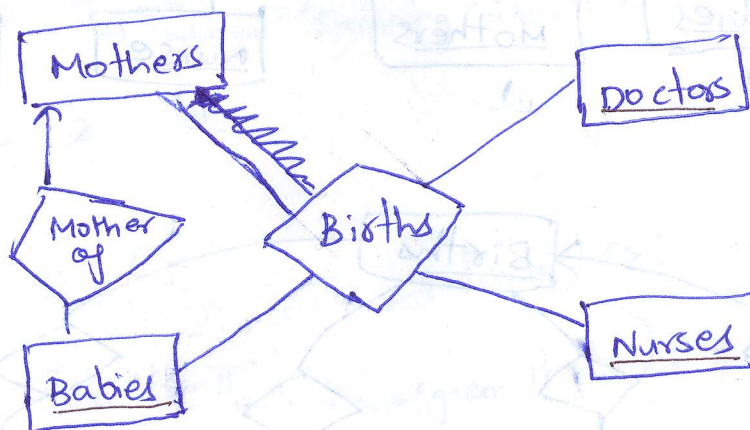
c) $R - [R - \pi_R(R \bowtie S)]$

$$R \bar{\bowtie} S \equiv R - \pi_R(R \times S)$$

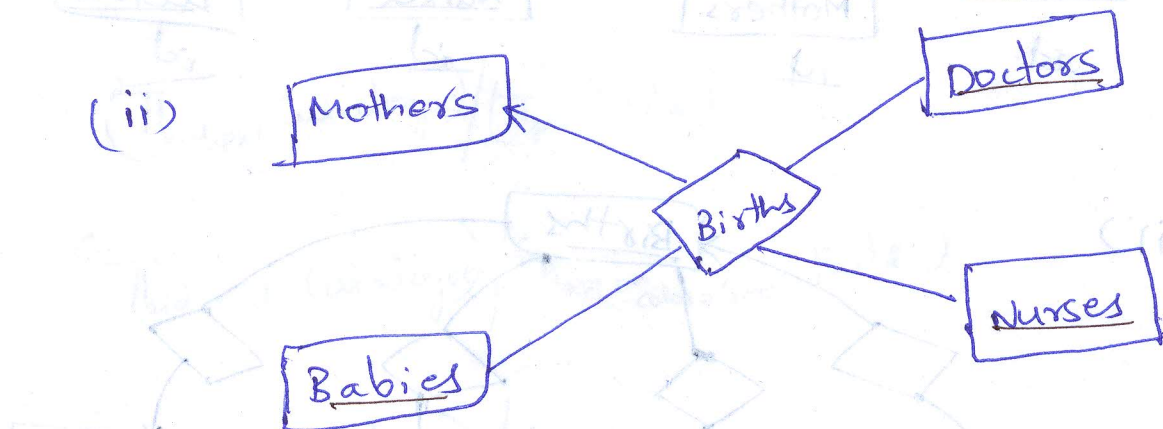
②

(a)

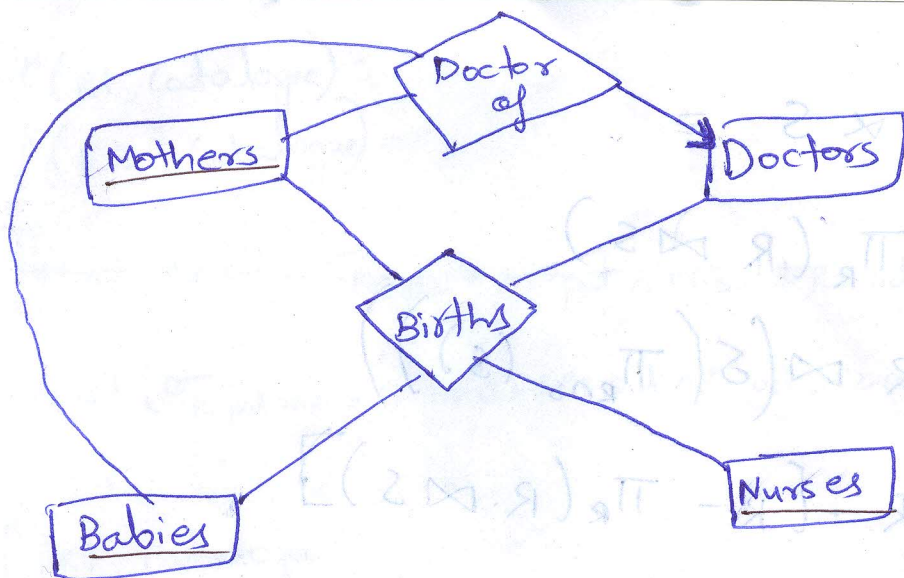
(i)



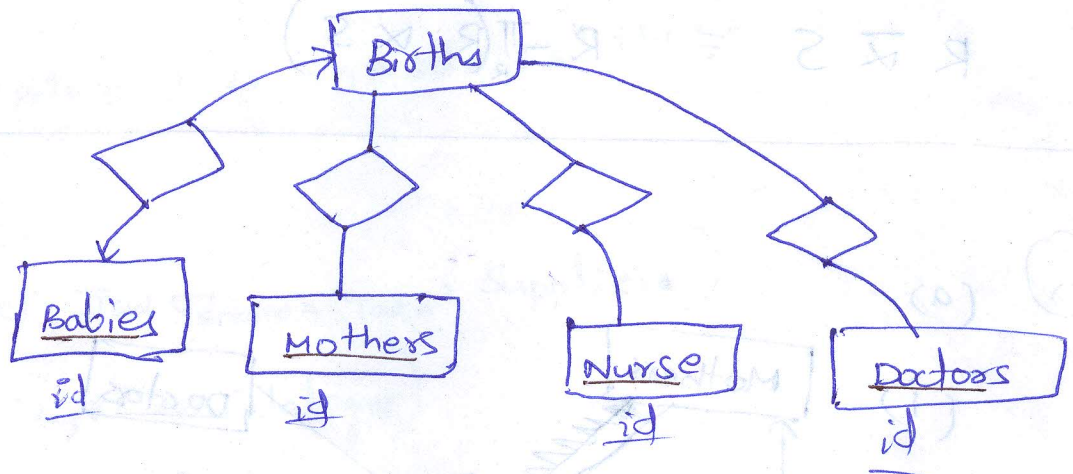
(ii)



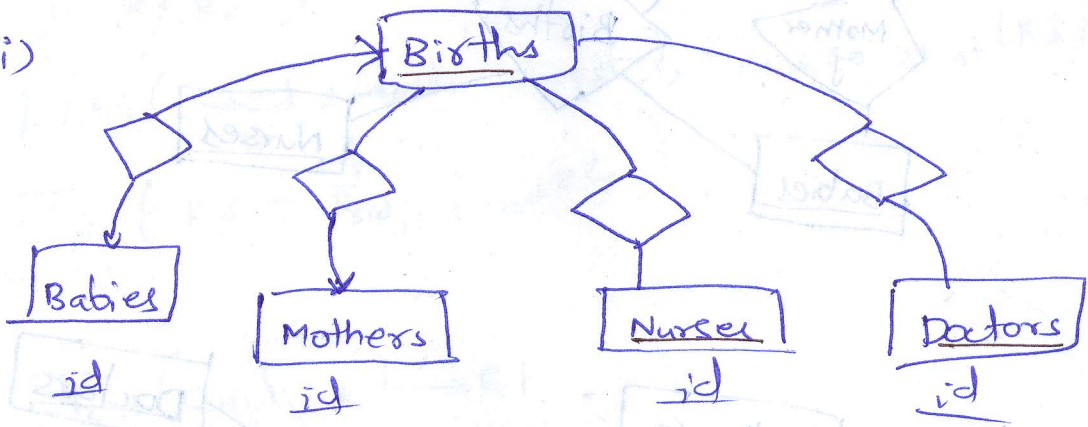
(iii)



(b) (i)



(ii)



(iii)

