

FIT2094

Assignment 2B

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Question a

$R = \pi_{\text{item_id}, \text{item_desc}} (\text{ITEM}) - \pi_{\text{item_id}} (\text{APPTSERVICE_ITEM})$

Question b

$R1 = \sigma_{\text{patient_city}='Mooroolbark'} (\text{PATIENT})$

$R2 = \sigma_{\text{appt_datetime}='08 September 2023'} (\text{APPOINTMENT})$

$R = \pi_{\text{patient_no}, \text{patient_fname}, \text{patient_lname}, \text{ec_fname}, \text{ec_lname}, \text{ec_phone}} (R1 \bowtie R2 \bowtie \text{EMERGENCY_CONTACT})$

Question c

$R1 = \sigma_{\text{spec_name}='ENDODONTICS'} (\text{SPECIALIST})$

$R = \pi_{\text{patient_no}, \text{patient_fname}, \text{patient_lname}, \text{patient_contactmail}} (R1 \bowtie \text{PROVIDER} \bowtie \text{APPOINTMENT})$