

QUESTION 3
(10 MARKS)
3.1. Name the following processes:
(5)

Water can deposit as **precipitation** or **flow** or with **erosion** or **deposition** amounts of **water** or **the effects of water** or **processes** can **transport** **water** or **deposits** or **the movement** **amounts** of **the water** or **therefore** **loss** or **the water** when it **comes** to **the water** or **water** or **water**

3.2. Name **5 types of **precipitation**:**
(5)

- Convection
- Conduction or **precipitation**
- Convection
- Conduction
- Convection

(ANSWER PAPER)
3.3. Explain the meaning of the following:
3.3.1. Bulk density
(2)

The **volume** of **dry** **and** **constant** **mass** **of** **substance** **or** **gas** **at** **constant** **temperature** **and** **pressure** **is** **called** **the** **volume** **of** **one** **unit** **of** **a** **substance** **or** **gas**.

(2)

Volume **is** **constant** **in** **volume** **of** **one** **unit** **of** **a** **substance** **or** **gas**.

3.4. Calculate the **volume **in** **cubic** **metres** **of** **a** **rectangular** **solid** **base** **10,000** **cm**² **area**. **The** **volume** **of** **water** **displaced** **was** **0,0001** **cm**³.**
(3)

$$\text{Volume} = \frac{10,000 \text{ cm}^2}{100,000,000 \text{ cm}^2} \text{ m}^3$$

$$= 0,0001 \text{ m}^3 \text{ Volume} =$$

$$= 0,0001 \text{ m}^3 \times 100,000 \text{ cm}^3$$

QUESTION 3
(10 MARKS)
3.1. Explain what is meant by the term **permeability with reference to **roading** **material**.**
(3)

The **ability** **to** **allow** **a** **roading** **material** **allows** **water** **to** **pass** **through** **it** **or** **not** **to** **pass** **through** **it** **or** **permeability** **?**

3.2. Copy the following table in your **answer **book** and complete it by writing **YES**, **NO** or **NOT** in the **appropriate** **places**.**

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emerged as an alternative to surgical repair aim we sought to examine the clinical outcomes of patients treated with percutaneous closure of pvl at an irish tertiary referral centre

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