VI -Mathematics Assignment No-04-Mensuration.
Q1. From the adjoining figure Find its
(i) Perimeter
(ii) Area

given $A B C$ is an equilateral triangle of Side 3 cm each and $B C E D$ is a square.
Q2. Find the perimeter and area $T$ of thin adjoins figure.
Dimensions are written in the diagram.


Find the perimeter and area of the followings figures (from 3 to 10). Dimensions are mentioned in the diagram. All dimensions are in $C_{A} C_{B}$. (No actual measurement)

QU

$A B C D$ and $F G I J$ are squares
ECHF is rectangle

64.

$A B C$ and $F C E$ are equilateral triangle. $D E \subset B$ is a square

25

$A B C$ is an equilateral triangle
Rest 3 are all squares:
26.


67.


Qr.

29.

$\triangle A B C$ is $a_{n}$ Equilateral triangle q side 5 cm each. DEC is ala Equilateral triangle of side 6 cm each.

210


ANSWERS:-
(Q) 1$)$

$$
\begin{aligned}
& p=15 \mathrm{~cm} \\
& A=\left(\frac{9 \sqrt{3}}{4}+9\right) \mathrm{cm}^{2}
\end{aligned}
$$

(102)

$$
P=28 \mathrm{~cm}
$$

$$
A=13 \mathrm{~cm}^{2}
$$

(da)

$$
\begin{aligned}
& P=40 \mathrm{~cm} \\
& A=64 \mathrm{~cm}^{2} \\
& P=30 \mathrm{~cm}^{2} \\
& A=\frac{2 \sqrt{3}}{2}+25
\end{aligned}
$$

(Q4) $P=30 \mathrm{~cm}$
(25) $P=54 \mathrm{~cm}$ $A=(108+9 \sqrt{3}) \mathrm{cm}^{2}$
(06)
$P=30 \mathrm{~cm}$
$A=20.25 \mathrm{~cm}^{2}$
(a7)

$$
\begin{aligned}
& P=46 \mathrm{~cm} \\
& A=42 \mathrm{~cm}
\end{aligned}
$$

(a8) $P=54 \mathrm{~cm}$
(a)

$$
A=50 \mathrm{~cm}^{2}
$$

$$
2
$$

$$
\begin{aligned}
& P=33 \mathrm{~cm} \\
& A=\frac{6 \sqrt{3}}{4} \mathrm{~cm}^{2}
\end{aligned}
$$

(*10)

$$
\begin{aligned}
& P=54 \mathrm{~cm} \\
& A=54 \mathrm{~cm}^{2}
\end{aligned}
$$

(*9)
$-1$

