$x^{2}+y^{2}+6 x+18 y+26=0$, is :

$$
\begin{aligned}
x^{2}+y^{2}-4 x-6 y-12=0 & \text { Centre } C_{1} \equiv(2,3) \\
& \text { Radius } r_{1}
\end{aligned}=5
$$

(2) 4
(3) 1

$$
x^{2}+y^{2}+6 x+18 y+26=0 \quad \text { Centre } C_{2} \equiv(-3,-9)
$$

Radius $r_{2}=8$
$C_{1} C_{2}=$ distance between the 2 centres

$$
=\sqrt{5^{2}+12^{2}}=13=r_{1}+r_{2}
$$

$\therefore$ The trio circles touch each other externally

$\therefore$ Correct option is (1)

