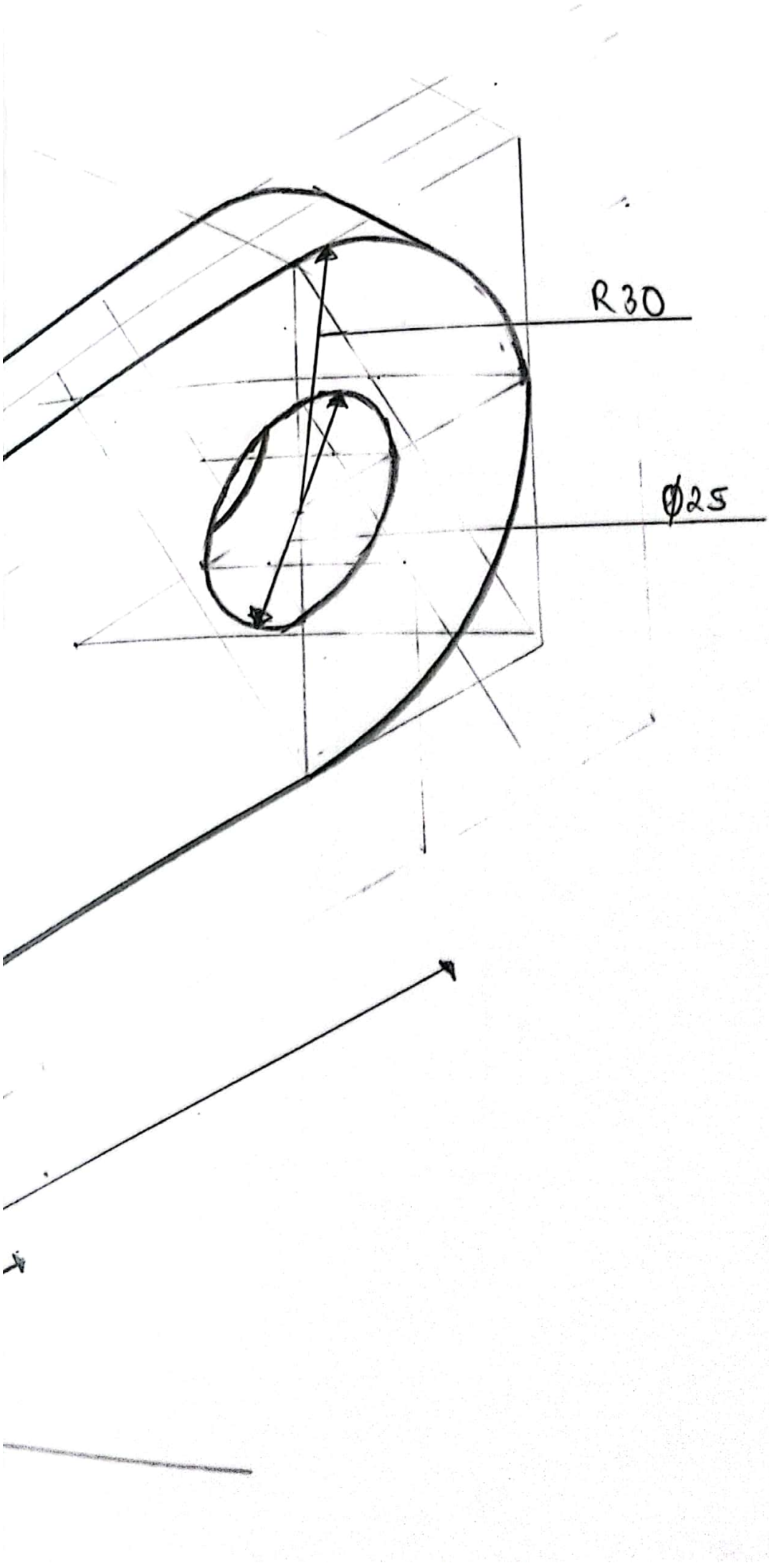
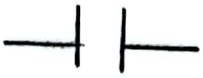
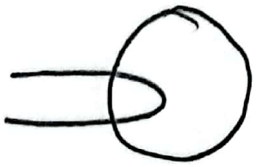
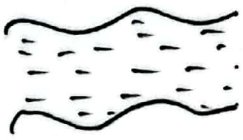
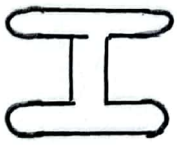
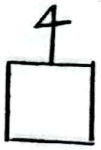
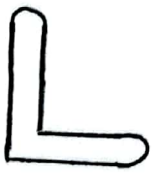
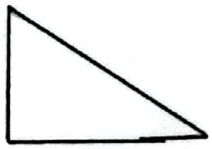


4

Name	Symbols	Name	Symbols
PNP-Transistor		Elbow - 90°	
Capacitor		Inductor	
Incondescent Lamp		River	
I-channel		School	
equal angle		Lap weld	

Q.N.2

100 H7/s6

for Hole (mm)

BS = 100

FD = 0.00

ITG = 0.035

for Shaft (mm)

BS = 100

FD = 0.071

ITG = 0.022.

D_{min} = BS + FD
= 100 mm

D_{max} = BS + FD + ITG
= 100 + 0.035
= 100.035 mm

d_{min} = BS + FD
= 100 + 0.071
= 100.071 mm

d_{max} = BS + FD + ITG
= 100.071 + 0.022
= 100.093 mm

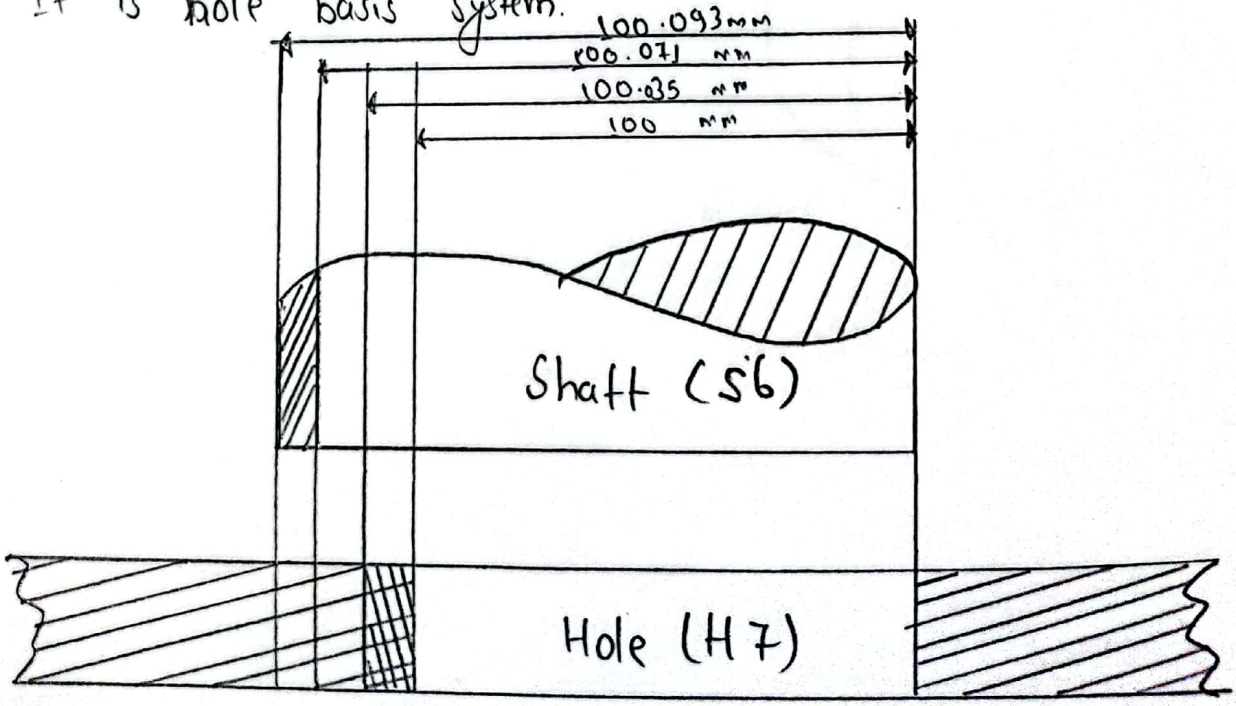
for allowance,

$D_{min} - d_{max}$ = 100 − 100.093 = −0.093 (−ve)

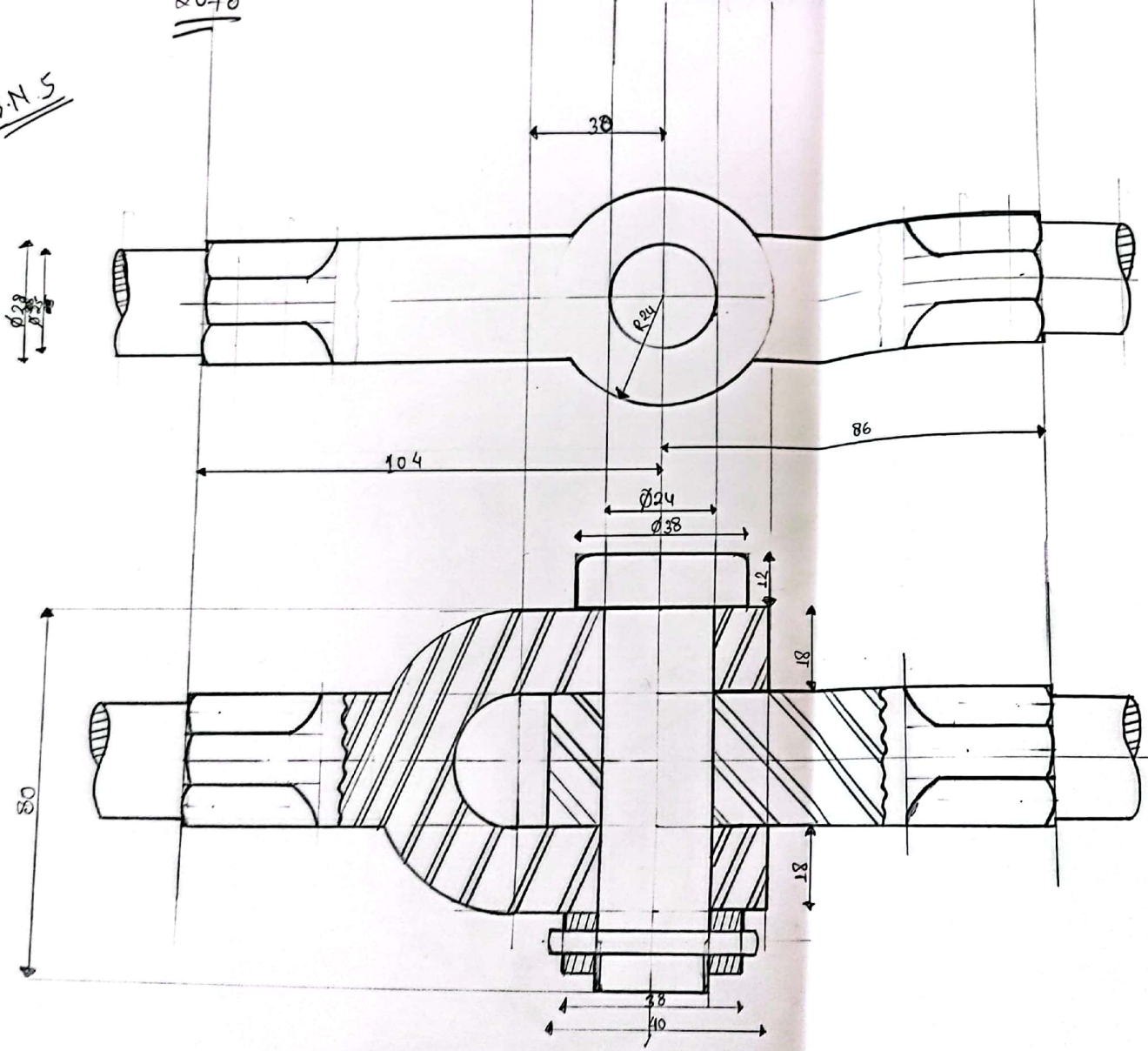
$D_{max} - d_{min}$ = 100.035 − 100.071 = −0.036 (−ve)

It is Interference fit.

It is hole basis system.



Q.N 5



SN.	Name	Matl.	Qty.
1	fork end	Forged steel	1
2.	Eye end	forged steel	1
3.	Pin	Mild steel	1
4.	Collar	Mild steel	1
5	Taper pin	Mild steel	1