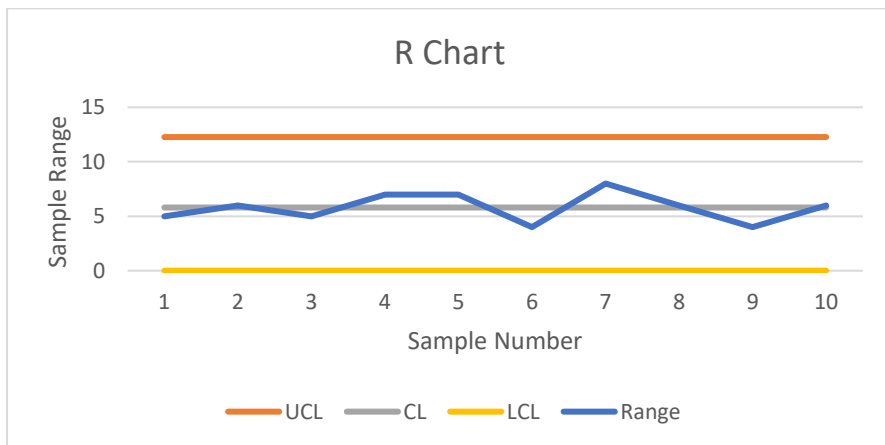
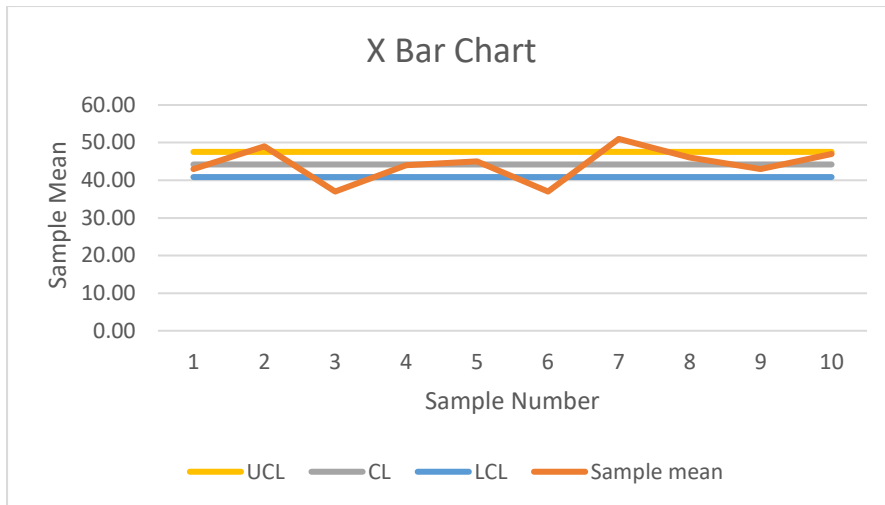
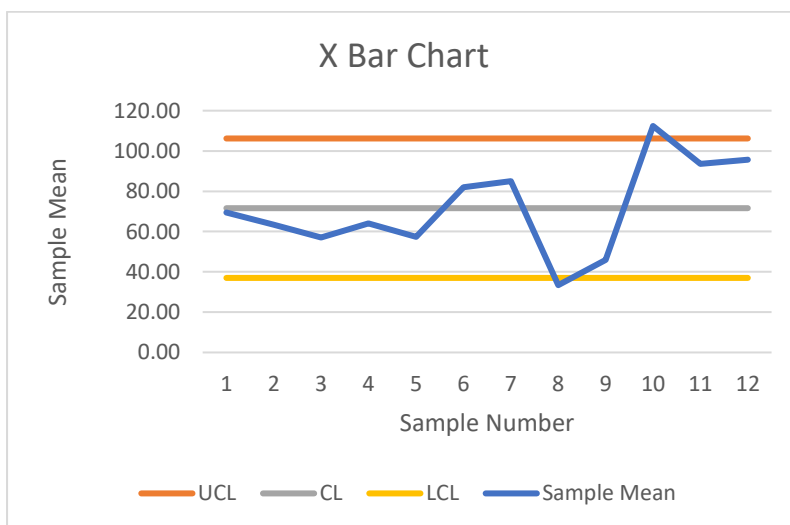


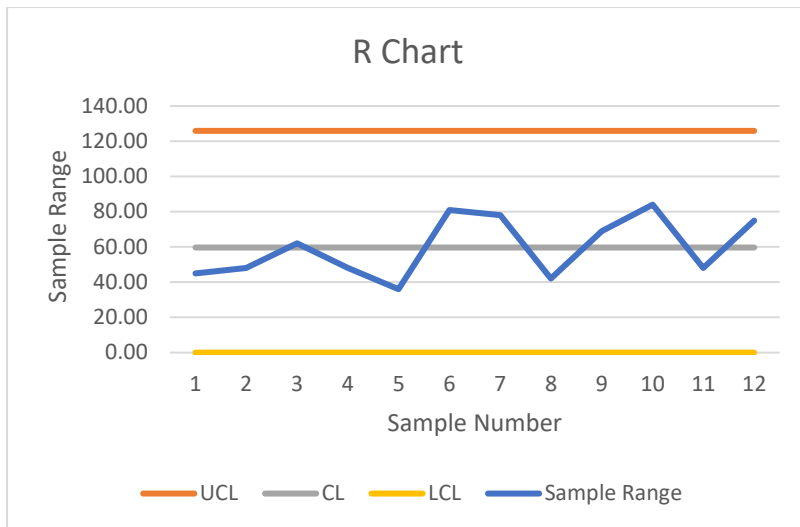
SQC Practical

Answer 1)

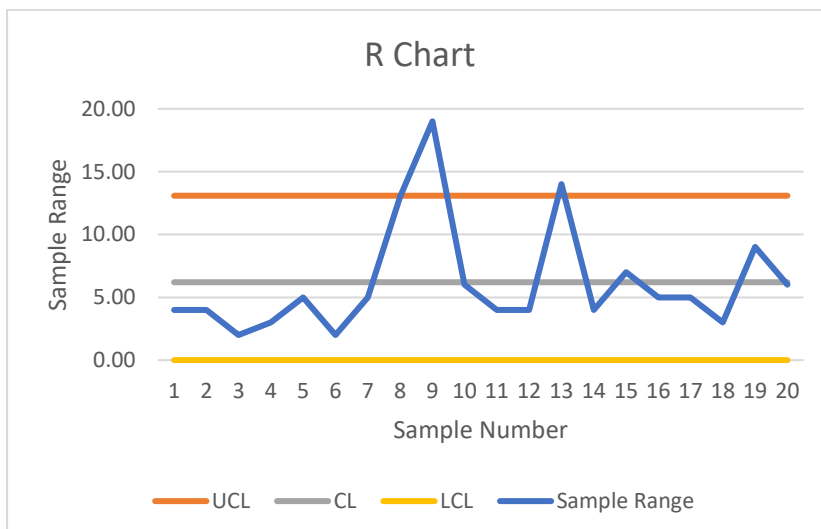
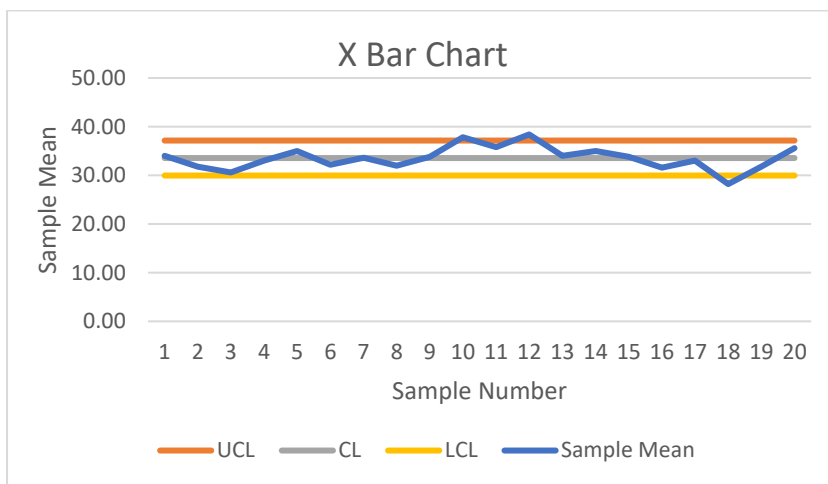


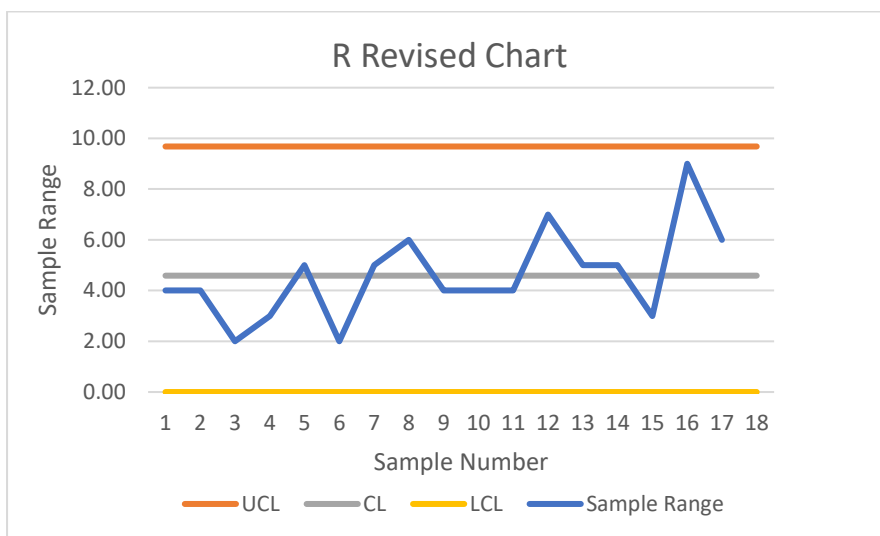
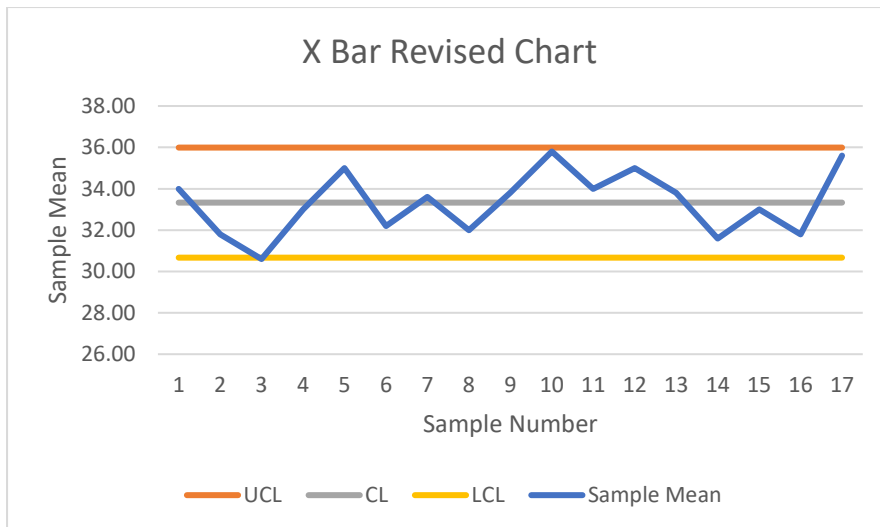
Answer 2)



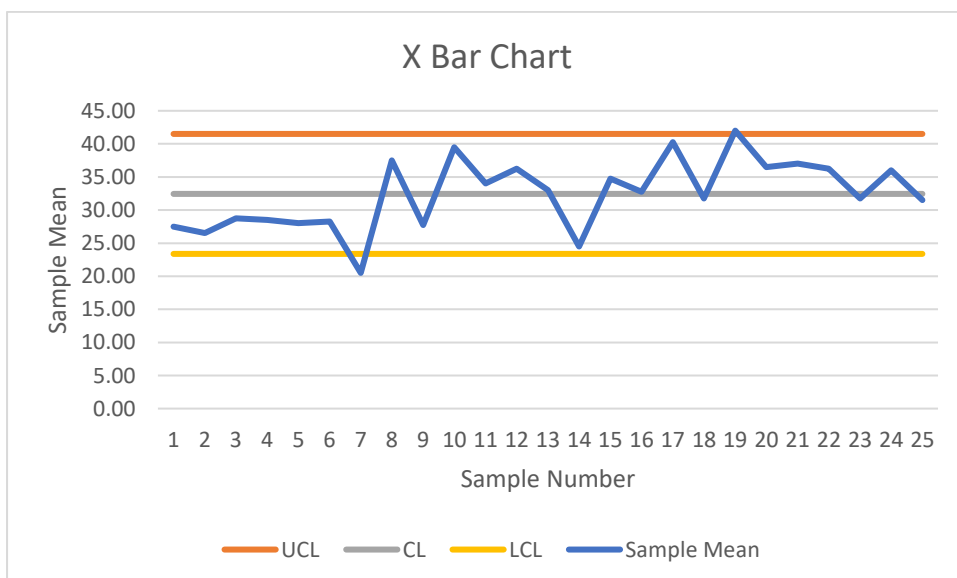


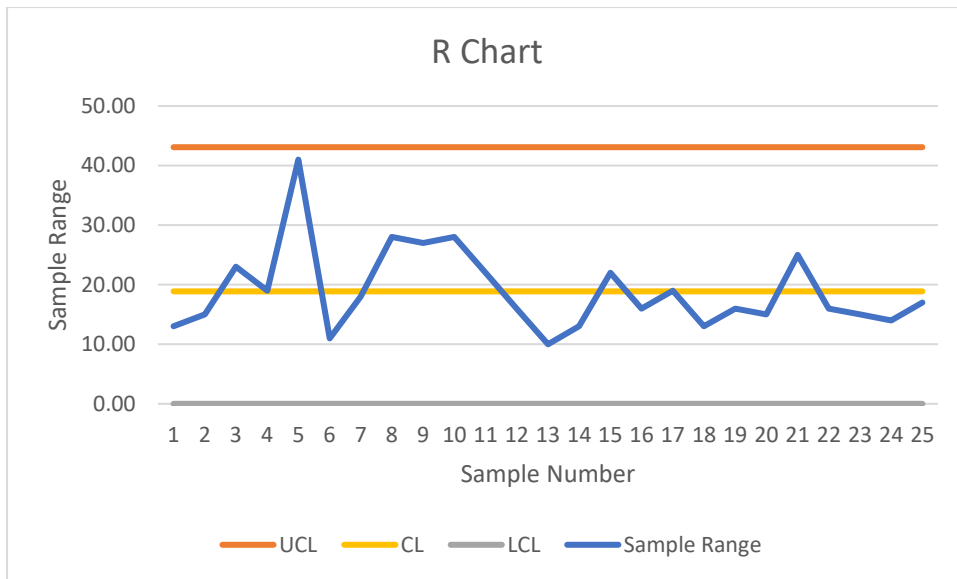
Answer 3)



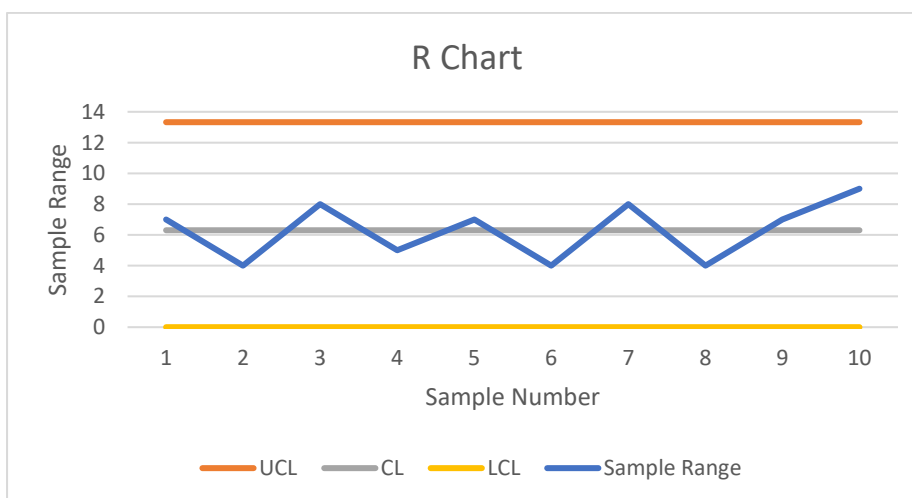
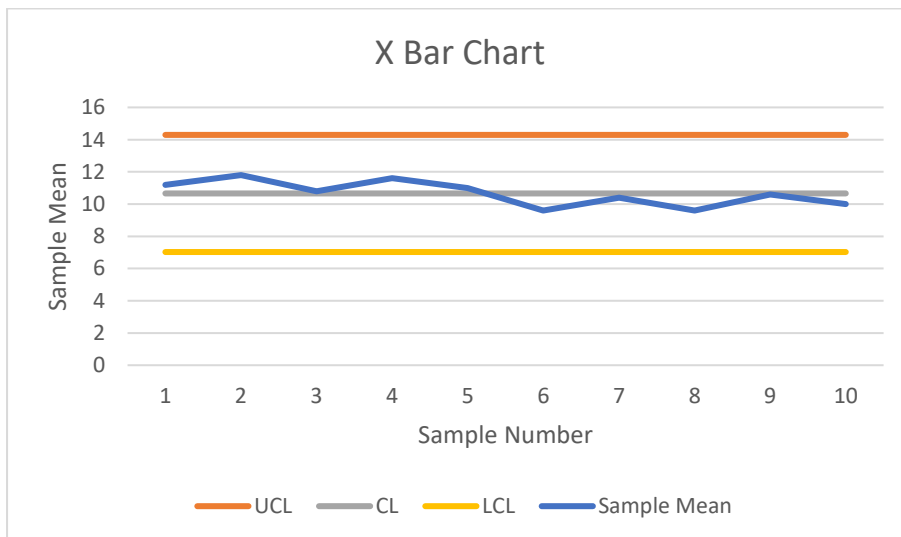


Answer 4)

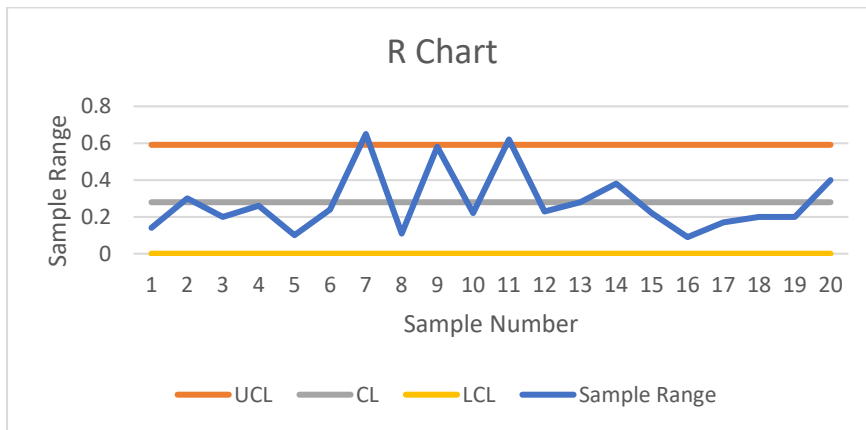
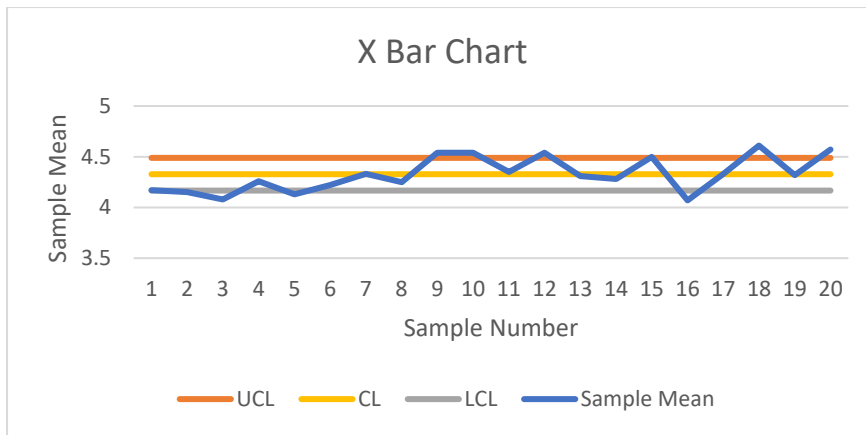




Answer 5)



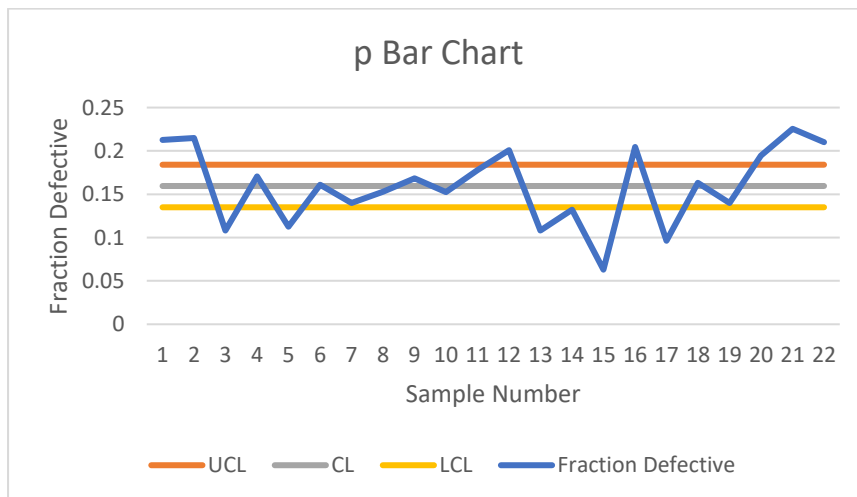
Answer 6)



Answer 7)

S.no	di	pi
1	425	0.2125
2	430	0.215
3	216	0.108
4	341	0.1705
5	225	0.1125
6	322	0.161
7	280	0.14
8	306	0.153
9	337	0.1685
10	305	0.1525
11	356	0.178
12	402	0.201
13	216	0.108
14	264	0.132
15	126	0.063
16	409	0.2045
17	193	0.0965
18	326	0.163
19	280	0.14
20	389	0.1945
21	451	0.2255
22	420	0.21

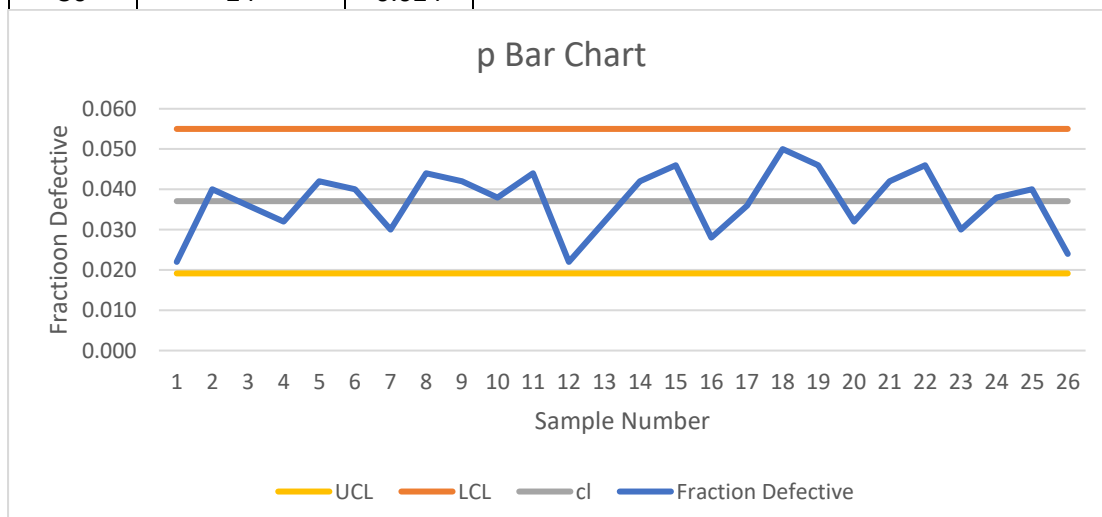
qbar	0.840477
pbar	0.159523
UCL	0.184086
CL	0.159523
LCL	0.13496



Answer 8)

Date Sept	No. of Defective	pi
1	22	0.022
2	40	0.04
3	36	0.036
4	32	0.032
5	42	0.042
6	40	0.04
7	30	0.03
8	44	0.044
9	42	0.042
10	38	0.038
11	70	0.07
12	80	0.08
13	44	0.044
14	22	0.022
15	32	0.032
16	42	0.042
17	20	0.02
18	46	0.046
19	28	0.028
20	36	0.036
21	66	0.066
22	50	0.05
23	46	0.046
24	32	0.032
25	42	0.042
26	46	0.046
27	30	0.03
28	38	0.038
29	40	0.04
30	24	0.024

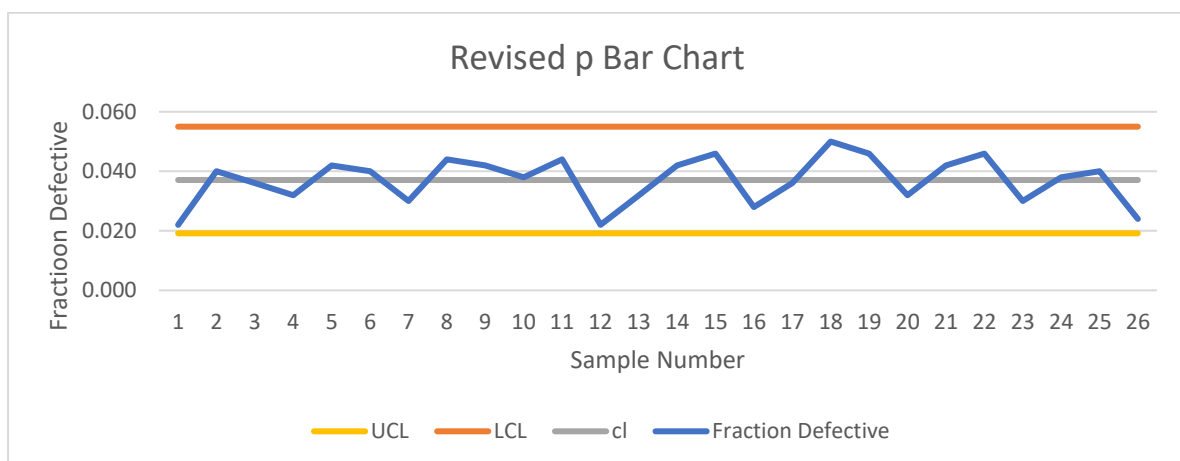
pBar	0.04
qbar	0.96
UCL	0.06
CL	0.04
LCL	0.02



Revised Control Limits

Date Sept	No. of Defective	pi
1	22	0.022
2	40	0.04
3	36	0.036
4	32	0.032
5	42	0.042
6	40	0.04
7	30	0.03
8	44	0.044
9	42	0.042
10	38	0.038
11	44	0.044
12	22	0.022
13	32	0.032
14	42	0.042
15	46	0.046
16	28	0.028
17	36	0.036
18	50	0.05
19	46	0.046
20	32	0.032
21	42	0.042
22	46	0.046
23	30	0.03
24	38	0.038
25	40	0.04
26	24	0.024

pBar	0.0371
qbar	0.9629
UCL	0.055
CL	0.0371
LCL	0.019



Answer 9)

Sample	No. of Defectives
1	0
2	1
3	0
4	3
5	9
6	2
7	0
8	7
9	0
10	1
11	1
12	0
13	0
14	3
15	1
16	0
17	0
18	2
19	1
20	0
Total	31
p bar	0.155
CL	1.55
UCL	4.98
LCL	0

