Assignment 1: Design of Gears - Data for each student

Subject: Machine Elements II

Academic Year: 2020 (Spring Semester)

Instructor: Dr. Antonios Lontos (lontosantonios@gmail.com)

a/a	(a) Power **P** (KW)	(b) Rotational speed (rpm)	(c) Number of teeth (N1)	(d) Module **m** (mm)	(e) Distance **L1** (mm)	(f) Distance **L2** (mm)	Student's Reg. Num.
1.	4,0	1500	20	3	170	190	**8031**
2.	4,0	3000	14	5	160	200	**9934**
3.	4,0	3000	14	5	170	170	**10106**
4.	3,5	1500	20	3	160	170	**10393**
5.	3,0	3000	14	5	170	180	**10537**
6.	4,0	1500	18	4	170	190	**10601**
7.	3,5	1500	14	5	160	180	**11319**
8.	4,0	3000	14	5	170	210	**11320**
9.	4,0	1500	18	4	160	190	**11388**
10.	4,0	1750	20	3	180	180	**11557**
11.	3,5	1500	18	4	170	210	**12281**
12.	3,5	1500	20	3	160	210	**12292**
13.	4,0	1750	14	5	170	190	**12426**
14.	3,5	1750	14	5	160	180	**12462**
15.	3,0	3000	20	3	170	210	**12642**
16.	3,0	1750	18	4	170	190	**12646**
17.	3,0	1750	20	3	150	170	**12647**
18.	4,0	3000	20	3	160	200	**12648**
19.	4,0	3000	14	5	160	190	**12665**
20.	3,0	3000	18	4	170	200	**12696**
21.	4,0	3000	20	3	180	170	**12708**
22.	4,0	3000	20	3	170	180	**12739**
23.	3,5	1500	14	5	160	190	**12969**
24.	3,0	1500	20	3	160	210	**13068**
25.	3,5	1500	14	4	170	190	**13078**
26.	3,0	1750	18	4	180	170	**13100**
27.	3,5	1500	18	4	170	180	**13105**
28.	3,0	1750	20	3	170	200	**13152**
29.	3,0	1750	14	5	170	190	**13154**
30.	4,0	1500	18	4	160	190	**13173**
31.	3,5	3000	14	5	170	200	**13273**
32.	4,5	3000	14	5	170	170	**13887**

33.	3,0	3000	20	3	170	190	**13997**
34.	3,0	1500	18	4	170	200	**14719**
35.	4,0	3000	20	3	180	190	**14804**
36.	3,0	3000	14	5	170	190	**15323**
37.	3,5	1500	14	5	160	200	**15335**
38.	3,5	1500	20	3	160	180	**15697**
39.	3,0	3000	14	5	170	170	**16972**
40.	3,5	3000	14	5	160	210	**17478**
41.	4,0	1500	18	4	160	170	
42.	4,0	3000	14	5	170	170	
43.	4,0	1750	18	4	160	200	
44.	4,5	3000	18	4	180	190	
45.	3,0	1750	18	4	170	190	