**Lampiran 1**

Nama Mahasiswa Lulusan Program IPA

| **No** | **NIM** | **NAMA** |
| --- | --- | --- |
| 1. | 15080554055 | PURBA WAHYU ADI |
| 2. | 15080554077 | RIZHA NUR FRISANTI |
| 3. | 15080554079 | ROHMAINDRI ASTRIANINGSIH |
| 4 | 15080554048 | FAJAR FACHRI MAULANA |
| 5. | 15080554056 | TIYA RISTIN RINANDA |
| 6. | 15080554058 | WIDA MUTMAINAH |
| 7. | 15080554068 | ANGGUN TRI PAMUNGKAS |
| 8. | 15080554070 | YUNIDHAR DWI CHAESAREINE |
| 9. | 15080554076 | ULAYYA AMBAR OCTAVIANI |
| 10. | 15080554080 | TIARA |
| 11. | 15080554084 | NASTITI NOVIKA WILDANI |
| 12. | 15080304017 | NUR BAITI ISNIAH |
| 13. | 15080304020 | RIKA NABILA |
| 14. | 15080304042 | MARDIANA HAWARI |
| 15. | 15080304070 | LILIS WIDAYANTI |
| 16. | 15080304077 | AHMAD FAIZ FARIKHI |
| 17. | 15080304079 | KHARISMA AYU PARAS SUCI |
| 18. | 15080304086 | LISTIANA ARISTIANTI |
| 19. | 15080324001 | M TOMMY ARTHA |
| 20. | 15080324006 | EVA FATMA HIDAYATI |
| 21. | 15080324027 | SITI ALFIATUS SHOLEKAH |
| 22. | 15080324035 | RENI MASRUROH |
| 23. | 15080324039 | ANISAH DIANTARI |
| 24. | 15080324042 | DEFIT ILHAM PURNAMA PUTRA |
| 25. | 15080324044 | SITI AISAH LUXVIATI |
| 26. | 15080324059 | SALMA ANANDA TIARA |
| 27. | 15080324060 | NENENG LESTARI |
| 28. | 15080324063 | ELSA PUSPITA ANGGRAINI |
| 29. | 15080324068 | MUTIARA NURUL JANNAH |
| 30. | 15080324069 | ANISAH RISQI |
| 31. | 15080324074 | ANISA BAHTIAR |
| 32. | 15080324075 | DESSY PUSPITA ARUMNINGTYAS |
| 33. | 15080324077 | MASLAHATUL AMMAH |
| 34. | 15080324080 | ISTIANAH |
| 35. | 15080314011 | RINI INDAH SARI |
| 36. | 15080314053 | HIDAYAH ALAM |
| 37. | 15080314067 | AMAY LIANA RIZKI |
| 38. | 15080314083 | PUTRI DEWI ANGGRAINI |
| 39. | 15080314008 | AMALIYATUL FAUZIYAH |
| 40. | 15080314020 | EMMA SHERLYANA AGUSTIN |
| 41. | 15080314022 | RAHMAT HIDAYAT |
| 42. | 15080314066 | WINDA PUTRI SURYA INDRA |
| 43. | 15080314074 | AYU KEMALIA TRY DERAYATI |

Lampiran 2

Nama Mahasiswa Lulusan Program IPS

| NO | NIM | NAMA |
| --- | --- | --- |
| 1. | 15080554001 | FARIDATHUL KHASANAH |
| 2. | 15080554003 | ADITIYA CHANDRA PRASETIYA |
| 3. | 15080554005 | KARIMATIN NURISA |
| 4. | 15080554007 | AGI PATRIO ADI |
| 5. | 15080554009 | ERLITA CAHYANI |
| 6. | 15080554011 | NURIL ISLAMIYAH |
| 7. | 15080554013 | RIO AGATHA PUTRA |
| 8. | 15080554017 | SHINDA AYU GAMMARA |
| 9. | 15080554019 | ABDURRAHMAN WAHID |
| 10. | 15080554021 | RENI CITRA ROSANTI |
| 11. | 15080554023 | YUVINDA DEWI RETNO JUWITA |
| 12. | 15080554025 | NANDA OKTAFIANI CORNELIA |
| 13. | 15080554027 | ANDRIANI |
| 14. | 15080554029 | RAHMA AJINING RATRI |
| 15. | 15080554031 | WIRDA ZULFI AMALIA |
| 16. | 15080554033 | PARTI |
| 17. | 15080554035 | AL FINDAH NUR LAILIYAH |
| 18. | 15080554037 | NUZULIYA ROHMA QURROTA AG'YUN |
| 19. | 15080554039 | DESI ANGGREINI PUTRI |
| 20. | 15080554041 | RIVA SINDYANA P |
| 21. | 15080554043 | EFA LULUK ERNAYANTI |
| 22. | 15080554045 | CYNTHIA EKA PUTRI |
| 23. | 15080554047 | NIKEN HARIYANTI |
| 24. | 15080554049 | FANY DELLA UTARI |
| 25. | 15080554051 | ROIKHATUL JANNAH |
| 26. | 15080554057 | ENI ISMAWATI |
| 27. | 15080554059 | OPPI ANDARISTA |
| 28. | 15080554061 | RETTY DANAR SEVRILLA |
| 29. | 15080554065 | DIANA IRINE PERMATASARI |
| 30. | 15080554071 | ANITA BAKTI ARINI |
| 31. | 15080554073 | YOLANDA AYU DEWANTY |
| 32. | 15080554075 | AIDA NUR CAHYANI |
| 33. | 15080554083 | FITRIATUS SHOLIKHAH |
| 34. | 15080554002 | CYNDI EKA WIDYAWATI |
| 35. | 15080554004 | DAMAYANTI INDAH LESTARI |
| 36. | 15080554006 | NOVIA NUR YUNIARTI |
| 37. | 15080554008 | DWI DAYITA |
| 38. | 15080554010 | HANI NURLAILY |
| 39. | 15080554012 | DEWI AMANUN BETARIA WATI |
| 40. | 15080554016 | RIZKY PRADANA PUTRA |
| 41. | 15080554018 | NURUL LAILIA |
| 42. | 15080554020 | MOHAMMAD MAHENDRA RAMADHAN |
| 43. | 15080554022 | WAHYUNI ERNA WIDAYAHWATI |
| 44. | 15080554026 | NANDA EKA PRAMESWARI |
| 45. | 15080554028 | DWI NURAYUNI |
| 46. | 15080554030 | ERMA NURIYAYA |
| 47. | 15080554034 | INDRIANIK |
| 48. | 15080554036 | DIAN LESTARI |
| 49. | 15080554038 | ANDITYA HANDOKO |
| 50. | 15080554040 | LIA ZAHROTUL HABIBAH |
| 51. | 15080554042 | NIHAYATUR ROSYIDAH |
| 52. | 15080554044 | FAIRUZ DHEA SAVITRA |
| 53. | 15080554050 | ADIKA IFTITAH RIZQILLAH |
| 54. | 15080554052 | FAJAR ALFIO NITA |
| 55. | 15080554054 | MARTINUS ERWIN RAHARJA |
| 56. | 15080554064 | MUHAMMAD HANIF MABRURI |
| 57. | 15080554066 | TRI KARISMA WIJAYA PUTRI |
| 58. | 15080554078 | IRFAN HENDRA ANGGRYAWAN |
| 59. | 15080554082 | ALFARABI |
| 60. | 15080304001 | WAHYUNI DWI MAWARSARI |
| 61. | 15080304002 | PENI ATMASARI |
| 62. | 15080304003 | SRI UNDIANAH |
| 63. | 15080304004 | ERIKA AGUSTINA BUDIONO |
| 64. | 15080304005 | FAHMI IRFANSYAH |
| 65. | 15080304007 | PUTRI DYAH WARDANI |
| 66. | 15080304008 | ELLA NUR AINI |
| 67. | 15080304009 | DWI RAHAYU PERTIWI |
| 68. | 15080304010 | FIRSTDA MARCH DRATIS THEANA |
| 69. | 15080304011 | TRY NOVITA WULANDARI |
| 70. | 15080304012 | IKA MIFTAHURROHMAH |
| 71. | 15080304013 | MUJTAHIDATUL ALAWIYAH |
| 72. | 15080304014 | LUTVI NUR FARIDAH |
| 73. | 15080304015 | VITANA INKO SEPTIARA |
| 74. | 15080304016 | QORY EKA RETTA SARI |
| 75. | 15080304018 | VIVI RIKAYANTI |
| 76. | 15080304019 | SINTYA INDRIYANI |
| 77. | 15080304021 | RIZKI SEPTIANA PUTRI |
| 78. | 15080304022 | PUTRI CARIMA QODYRIA |
| 79. | 15080304023 | DYAH AYU SETIYONINGRUM |
| 80. | 15080304024 | SEPTI RAHMAWATI |
| 81. | 15080304025 | NURUL HIDAYATI |
| 82. | 15080304026 | IRRENE MARIZA |
| 83. | 15080304027 | WIWIN WIDIAWATI |
| 84. | 15080304028 | SYAFI'AH NUR FITRIA |
| 85. | 15080304029 | SEPNA WIDAYANTI MIFTAH |
| 86. | 15080304031 | CHOIROTUL KHIKMIAH |
| 87. | 15080304032 | EVI TRI PERMATA SARI |
| 88. | 15080304033 | DIAH AYU WULANDARI |
| 89. | 15080304034 | DIANA LISA FITRI |
| 90. | 15080304035 | AINUN FATKHURROHMAN |
| 91. | 15080304037 | THESA RYAN HENDRA PERMANA |
| 92. | 15080304038 | LAILATIN NISFIYAH |
| 93. | 15080304039 | NUR SYAHIDAH |
| 94. | 15080304040 | MIFTAHUL IMANY |
| 95. | 15080304045 | QONIAH WARDANI |
| 96. | 15080304046 | ACHMAD SYAIFUL ADI NUGROHO |
| 97. | 15080304047 | NUR FAIS KHUMAIZAH |
| 98. | 15080304048 | HESTI INDAH ROSANI |
| 99. | 15080304049 | MUHAMMAD FATHUR RIDLO |
| 100. | 15080304050 | ANISA NUR KUMALA |
| 101. | 15080304051 | FENTI FITRIA ASVIFAH |
| 102. | 15080304052 | RINDRA AISYAH PUTRI |
| 103. | 15080304053 | INNA ALFI AMALIA |
| 104 | 15080304057 | IKA SARI CAHYANTI |
| 105. | 15080304058 | ANA KRISTANTI |
| 106. | 15080304059 | SOVIA RIZA BERLIANA |
| 107. | 15080304060 | NESA DWI RAHMAWATI |
| 108. | 15080304061 | AGUNG SUCIPTO |
| 109. | 15080304062 | AKHMAD MA'SUM |
| 110. | 15080304063 | YUNIA VITA |
| 111. | 15080304064 | AULIA DAVINA |
| 112. | 15080304065 | DWI INDAH SARI |
| 113. | 15080304066 | MUHAMMAD THORIQIL MUNIM |
| 114. | 15080304068 | RIZAL DWI PURWANTO |
| 115. | 15080304069 | RAFICHA NINGRUM |
| 116. | 15080304071 | NURLAILA MEGAWATI HW |
| 117. | 15080304072 | VEROL WAHYU DYNI PUTRA |
| 118. | 15080304073 | HANIFAH RAHMA FADILAH |
| 119. | 15080304074 | DZURROTUN NASIHAH |
| 120. | 15080304075 | CISILIA PUTRIANTI |
| 121. | 15080304080 | NUR ALFIYANTI |
| 122. | 15080304081 | ANITA FITRIA PUTRI |
| 123. | 15080304082 | DEVI WAHYUNI KHOIRIYA |
| 124. | 15080304084 | IRGA ANUGRAH SAFIRA HARAHAP |
| 125. | 15080304085 | SRI APRILIANI ARUM SARI |
| 126. | 15080304087 | NUR FADHILAH |
| 127. | 15080324002 | MOH. JAFRI |
| 128. | 15080324003 | MUHAMMAD WAHYU ARIYANTO |
| 129. | 15080324004 | WIDYA AYU PRATIWI |
| 130. | 15080324005 | DIAH ROSIANAH DEWI |
| 131. | 15080324007 | SEPTIAN WULANDARI |
| 132. | 15080324008 | VEBRIANA FITRIA SAGITA SARI |
| 133. | 15080324009 | HANA INDRIA RAMADHANI |
| 134. | 15080324010 | FITRIA NUR IMAMAH |
| 135. | 15080324011 | EKA DESI RETNOWATI |
| 136. | 15080324012 | ELSA MUTIARA SELINDA |
| 137. | 15080324013 | NOVITA DEWI FITRIANI |
| 138. | 15080324014 | FITROTUL ISTIQOMAH |
| 139. | 15080324015 | SITI SHOLIKHATUL MURTAFI'AH |
| 140. | 15080324016 | RATRY APRILIA KARTIKA |
| 141. | 15080324017 | PUTRI ANDIKA SARI |
| 142. | 15080324018 | MOHAMMAD ILYAS PRAMETA |
| 143. | 15080324019 | AISYAH DYAH AYU ARUM PRATIWI |
| 144. | 15080324020 | AZIFATUL AZIFAH |
| 145. | 15080324022 | MUCHAMMAD FAHMI HAQIQI |
| 146. | 15080324023 | LISA IIN HIDAYAH |
| 147. | 15080324024 | RIMA ROHMATUN NISA' |
| 148. | 15080324025 | IMA KHOTIMAH |
| 149. | 15080324026 | FURY KHOIRUL MUNAWAROH |
| 150. | 15080324028 | NURUS SAFINA |
| 151. | 15080324030 | ASWIN RIZKI MAWARDI |
| 152. | 15080324032 | UMI MUKIMATUR ROHMAH |
| 153. | 15080324034 | ISNAINI ROHMAWATI |
| 154. | 15080324036 | IKA KRISTIANA |
| 155. | 15080324037 | MILAWATI HARUM WIDYA SARI |
| 156. | 15080324038 | ISNA AULIA NUR HABIBAH |
| 157. | 15080324040 | MARIZA AJENG KRISTIANI |
| 158. | 15080324041 | YUNI KARTIKASARI |
| 159. | 15080324043 | RIZKY KURNIAWATI |
| 160. | 15080324045 | NOVIA ALISTRIWAHYUNI |
| 161. | 15080324048 | MEGA YATRI VERDISANTI |
| 162. | 15080324049 | LINTANG GUMELAR |
| 163. | 15080324050 | DITA HAPSARI |
| 164. | 15080324051 | RONY AGUS SETIAWAN |
| 165. | 15080324052 | RIA LUTFIANA |
| 166. | 15080324053 | YESSICA CAHYANI |
| 167. | 15080324055 | IRMA DIAH ANGGRAINI |
| 168. | 15080324056 | ROBANIA AFIATI PRASETYA |
| 169. | 15080324057 | KRISTINA DEWI PAWISTRI |
| 170. | 15080324058 | DWI RETNO PUTRI |
| 171. | 15080324061 | AZHAR BASYIR |
| 172. | 15080324062 | EKSI SEKARINI |
| 173. | 15080324070 | INDRA SURYA DEWI |
| 174. | 15080324071 | BAGAS DWI PRAKOSO |
| 175. | 15080324072 | LIN NINGSIH AGUSTINA |
| 176. | 15080324081 | MOHAMAD AKHSANUS TSALATSA |
| 177. | 15080324082 | ALPA TIA ULPAYANA |
| 178. | 15080324083 | MUHAMMAD GHUFRON |
| 179. | 15080324084 | NURI FINA MAWADDAH |
| 180. | 15080324085 | GUMILAR TINTAN MULYANSYAH |
| 181. | 15080324086 | CANDRA MAS IRAWAN |
| 182. | 15080324088 | PUTRA ARDA WIDYA UTAMA |
| 183. | 15080314003 | FERA DEVI OKTAVIA |
| 184. | 15080314005 | ANDRIASTUTI RATRI WULANDHARI |
| 185. | 15080314009 | NURUL ISNAINI |
| 186. | 15080314019 | OKTAFIA IKA HANDARINI |
| 187. | 15080314023 | SYAIFUL HIDAYAT |
| 188. | 15080314025 | DEAVY WULANDARI PUTRY |
| 189. | 15080314029 | JENI IKA WAHYUNI |
| 190. | 15080314035 | INDAH TIA PRATIWI |
| 191. | 15080314037 | ZABDIEL YORDAN PRASETYA |
| 192. | 15080314039 | INDAH KUSUMA WARDANI |
| 193. | 15080314047 | EVI RIF'ATUL IZZA |
| 194. | 15080314051 | RIKA PUSPITA SARI |
| 195. | 15080314055 | ARSHIELLA ALFA ALFIN  |
| 196. | 15080314057 | MARTIKA SRI ALVINTASARI |
| 197. | 15080314059 | ADE MAHARDIKA |
| 198. | 15080314061 | PROBO KUSUMO BKIS |
| 199. | 15080314063 | ANISA ZULFA NADYA SABILLA |
| 200. | 15080314079 | NURUL YULI RACHMAWATI |
| 201. | 15080314087 | RAKHMAD HANDIN SETYA PURWO |
| 202. | 15080314002 | INKA PUTRI FEBRYANANDA |
| 203. | 15080314004 | AFIFIYA |
| 204. | 15080314006 | LUKVI FEBRIANTI |
| 205. | 15080314010 | IMA CHOIRUNNISA' |
| 206. | 15080314012 | WAHEDA MARETHA PUTRI |
| 207. | 15080314014 | MIFTAKUL JANNAH |
| 208. | 15080314016 | IKA ROHMAH NURJANNAH |
| 209. | 15080314018 | ENI OKTAVIAWATI |
| 210. | 15080314024 | ENDAH DWI CAHYATI |
| 211. | 15080314026 | MITTA PUTRI HARTANTI |
| 212. | 15080314028 | SITI AYU RIDHOFATUL HUSNA |
| 213. | 15080314030 | FITRIA AMBARWATI |
| 214. | 15080314034 | YUANIDA ELLEN TAMAYA |
| 215. | 15080314036 | RISKY OCTAVIANIS |
| 216. | 15080314038 | ARUM NINGTYAS LUXFIATI |
| 217. | 15080314040 | FITRI NUR AINI |
| 218. | 15080314042 | ZIA NUR LAELI |
| 219. | 15080314044 | MUHIMATUL KHOIROH |
| 220. | 15080314048 | ACHMAD JAUHARI MUSTHOFA |
| 221. | 15080314050 | YESSI MEY WIDIANTI |
| 222. | 15080314052 | AJENG ZASKIYA |
| 223. | 15080314054 | SEPTIA RIZKY WIDYA LESTARI |
| 224. | 15080314058 | IRIN MARGARETA HEPPYANDARI |
| 225. | 15080314060 | ROBIANDI ANGGI FANCA |
| 226. | 15080314064 | NAHDIYAH APRIVILIA FAHMI |
| 227. | 15080314068 | INDRIANA DEWI MUSTIKARINI |
| 228. | 15080314070 | INDAH NURHAYATI |
| 229. | 15080314072 | MUHAMMAD FAHMI AL HABIB |
| 230. | 15080314076 | DEVY TRIRACHMAWATI |
| 231. | 15080314078 | NURMALITA RAHMAWATI |
| 232. | 15080314080 | FARICHATUN NI'MAH |
| 233. | 15080314082 | JOKO PUJI RAHMANTO |
| 234. | 15080314084 | WHEPRISTA TRI PUSPITASARI |
| 235. | 15080314086 | WAISAL DWI SAPUTRA |

Lampiran 3

Hasil Belajar Matakuliah Pengantar Mikro Mahasiswa Lulusan Program IPA

| Responden | Hasil Belajar |
| --- | --- |
| Partisipasi | Tugas | UTS | UAS | NA | NH | Kehadiran |
| 1. | 80.00 | 75.00 | 60.00 | 71.00 | 71.8 | B  | 0 % |
| 2. | 75.00 | 75.00 | 70.00 | 69.00 | 72.2 | B  | 0 % |
| 3. | 80.00 | 75.00 | 40.00 | 84.00 | 71.7 | B  | 0 % |
| 4. | 90.00 | 95.00 | 90.00 | 70.00 | 85.5 | A  | 0 % |
| 5. | 75.00 | 58.00 | 40.00 | 70.00 | 61.4 | C+  | 0 % |
| 6. | 90.00 | 90.00 | 80.00 | 65.00 | 80.5 | A-  | 0 % |
| 7. | 85.00 | 90.00 | 85.00 | 70.00 | 82.0 | A-  | 0 % |
| 8. | 85.00 | 83.00 | 70.00 | 50.00 | 70.9 | B  | 0 % |
| 9. | 80.00 | 80.00 | 70.00 | 55.00 | 70.5 | B  | 0 % |
| 10. | 80.00 | 80.00 | 70.00 | 55.00 | 70.5 | B  | 0 % |
| 11. | 80.00 | 70.00 | 50.00 | 60.00 | 65.0 | B-  | 0 % |
| 12. | 80.00 | 90.00 | 60.00 | 70.00 | 76.0 | B+  | 0 % |
| 13. | 80.00 | 81.50 | 50.00 | 60.00 | 68.5 | B-  | 0 % |
| 14. | 75.00 | 86.00 | 35.00 | 80.00 | 71.8 | B  | 0 % |
| 15. | 80.00 | 84.00 | 70.00 | 65.00 | 74.7 | B  | 0 % |
| 16. | 70.00 | 81.50 | 70.00 | 45.00 | 66.0 | B-  | 0 % |
| 17. | 80.00 | 81.00 | 60.00 | 45.00 | 65.8 | B-  | 0 % |
| 18. | 90.00 | 84.50 | 60.00 | 68.00 | 75.8 | B+  | 0 % |
| 19. | 85.00 | 80.00 | 50.00 | 65.00 | 70.5 | B  | 0 % |
| 20. | 85.00 | 80.00 | 75.00 | 75.00 | 78.5 | B+  | 0 % |
| 21. | 80.00 | 80.00 | 35.00 | 60.00 | 65.0 | B-  | 0 % |
| 22. | 80.00 | 80.00 | 90.00 | 65.00 | 77.5 | B+  | 0 % |
| 23. | 85.00 | 80.00 | 40.00 | 75.00 | 71.5 | B  | 0 % |
| 24. | 80.00 | 80.00 | 75.00 | 55.00 | 71.5 | B  | 0 % |
| 25. | 80.00 | 80.00 | 45.00 | 65.00 | 68.5 | B-  | 0 % |
| 26. | 80.00 | 80.00 | 35.00 | 60.00 | 65.0 | B-  | 0 % |
| 27. | 80.00 | 80.00 | 35.00 | 50.00 | 62.0 | C+  | 0 % |
| 28. | 85.00 | 80.00 | 35.00 | 70.00 | 69.0 | B-  | 0 % |
| 29. | 90.00 | 80.00 | 100.00 | 80.00 | 86.0 | A  | 0 % |
| 30. | 85.00 | 80.00 | 50.00 | 75.00 | 73.5 | B  | 0 % |
| 31. | 80.00 | 80.00 | 50.00 | 65.00 | 69.5 | B-  | 0 % |
| 32. | 80.00 | 80.00 | 35.00 | 75.00 | 69.5 | B-  | 0 % |
| 33. | 80.00 | 80.00 | 35.00 | 75.00 | 69.5 | B-  | 0 % |
| 34. | 80.00 | 80.00 | 35.00 | 55.00 | 63.5 | C+  | 0 % |
| 35. | 70.00 | 80.00 | 75.00 | 75.00 | 75.5 | B+  | 0 % |
| 36. | 75.00 | 76.00 | 75.00 | 75.00 | 75.3 | B+  | 0 % |
| 37. | 80.00 | 80.00 | 68.00 | 76.00 | 76.4 | B+  | 0 % |
| 38. | 75.00 | 76.00 | 60.00 | 70.00 | 70.8 | B  | 0 % |
| 39. | 70.00 | 80.00 | 65.00 | 75.00 | 73.5 | B  | 0 % |
| 40. | 70.00 | 70.00 | 60.00 | 68.00 | 67.4 | B-  | 0 % |
| 41. | 70.00 | 78.00 | 60.00 | 70.00 | 70.4 | B  | 0 % |
| 42. | 70.00 | 80.00 | 60.00 | 78.00 | 73.4 | B  | 0 % |
| 43. | 75.00 | 75.00 | 63.00 | 78.00 | 73.5 | B  | 0 % |

Lampiran 4

Hasil Belajar Matakuliah Pengantar Mikro Mahasiswa Lulusan Program IPS

| Responden | Hasil Belajar |
| --- | --- |
| Partisipasi | Tugas | UTS | UAS | NA | NH | Kehadiran |
|  | 80.00 | 75.00 | 70.00 | 79.00 | 76.2 | B+  | 0 % |
|  | 82.00 | 85.00 | 70.00 | 81.00 | 80.2 | A-  | 0 % |
|  | 75.00 | 75.00 | 30.00 | 68.00 | 63.9 | C+  | 0 % |
|  | 80.00 | 85.00 | 50.00 | 64.00 | 70.7 | B  | 0 % |
|  | 80.00 | 78.00 | 60.00 | 81.00 | 75.7 | B+  | 0 % |
|  | 90.00 | 75.00 | 70.00 | 94.00 | 82.7 | A-  | 0 % |
|  | 75.00 | 75.00 | 30.00 | 43.00 | 56.4 | C  | 0 % |
|  | 80.00 | 75.00 | 70.00 | 85.00 | 78.0 | B+  | 0 % |
|  | 75.00 | 75.00 | 30.00 | 61.00 | 61.8 | C+  | 0 % |
|  | 80.00 | 85.00 | 50.00 | 72.00 | 73.1 | B  | 0 % |
|  | 82.00 | 80.00 | 70.00 | 86.00 | 80.2 | A-  | 0 % |
|  | 90.00 | 75.00 | 70.00 | 78.00 | 77.9 | B+  | 0 % |
|  | 75.00 | 80.00 | 60.00 | 86.00 | 76.8 | B+  | 0 % |
|  | 80.00 | 80.00 | 50.00 | 78.00 | 73.4 | B  | 0 % |
|  | 90.00 | 75.00 | 80.00 | 86.00 | 82.3 | A-  | 0 % |
|  | 80.00 | 80.00 | 70.00 | 71.00 | 75.3 | B+  | 0 % |
|  | 80.00 | 78.00 | 70.00 | 73.00 | 75.3 | B+  | 0 % |
|  | 80.00 | 75.00 | 60.00 | 87.00 | 76.6 | B+  | 0 % |
|  | 80.00 | 75.00 | 50.00 | 61.00 | 66.8 | B-  | 0 % |
|  | 80.00 | 75.00 | 60.00 | 61.00 | 68.8 | B-  | 0 % |
|  | 75.00 | 75.00 | 70.00 | 73.00 | 73.4 | B  | 0 % |
|  | 80.00 | 75.00 | 70.00 | 70.00 | 73.5 | B  | 0 % |
|  | 80.00 | 75.00 | 70.00 | 87.00 | 78.6 | B+  | 0 % |
|  | 80.00 | 75.00 | 60.00 | 90.00 | 77.5 | B+  | 0 % |
|  | 80.00 | 80.00 | 10.00 | 54.00 | 58.2 | C  | 0 % |
|  | 85.00 | 75.00 | 70.00 | 82.00 | 78.1 | B+  | 0 % |
|  | 80.00 | 75.00 | 40.00 | 81.00 | 70.8 | B  | 0 % |
|  | 85.00 | 75.00 | 70.00 | 82.00 | 78.1 | B+  | 0 % |
|  | 80.00 | 85.00 | 80.00 | 93.00 | 85.4 | A  | 0 % |
|  | 75.00 | 75.00 | 40.00 | 61.00 | 63.8 | C+  | 0 % |
|  | 80.00 | 75.00 | 50.00 | 68.00 | 68.9 | B-  | 0 % |
|  | 80.00 | 75.00 | 30.00 | 71.00 | 65.8 | B-  | 0 % |
|  | 80.00 | 85.00 | 60.00 | 68.00 | 73.9 | B  | 0 % |
|  | 85.00 | 83.00 | 70.00 | 75.00 | 78.4 | B+  | 0 % |
|  | 70.00 | 60.00 | 60.00 | 40.00 | 56.0 | C  | 0 % |
|  | 80.00 | 70.00 | 50.00 | 65.00 | 66.5 | B-  | 0 % |
|  | 85.00 | 85.00 | 75.00 | 80.00 | 81.5 | A-  | 0 % |
|  | 90.00 | 98.00 | 95.00 | 50.00 | 81.4 | A-  | 0 % |
|  | 80.00 | 60.00 | 50.00 | 55.00 | 60.5 | C+  | 0 % |
|  | 80.00 | 95.00 | 100.00 | 55.00 | 81.0 | A-  | 0 % |
|  | 90.00 | 75.00 | 60.00 | 60.00 | 70.5 | B  | 0 % |
|  | 90.00 | 85.00 | 70.00 | 45.00 | 71.0 | B  | 0 % |
|  | 90.00 | 85.00 | 70.00 | 80.00 | 81.5 | A-  | 0 % |
|  | 85.00 | 73.00 | 50.00 | 55.00 | 65.4 | B-  | 0 % |
|  | 85.00 | 83.00 | 70.00 | 35.00 | 66.4 | B-  | 0 % |
|  | 80.00 | 80.00 | 70.00 | 75.00 | 76.5 | B+  | 0 % |
|  | 85.00 | 93.00 | 90.00 | 72.00 | 84.5 | A-  | 0 % |
|  | 90.00 | 85.00 | 70.00 | 85.00 | 83.0 | A-  | 0 % |
|  | 90.00 | 95.00 | 90.00 | 70.00 | 85.5 | A  | 0 % |
|  | 80.00 | 73.00 | 55.00 | 80.00 | 72.9 | B  | 0 % |
|  | 85.00 | 78.00 | 60.00 | 63.00 | 71.3 | B  | 0 % |
|  | 80.00 | 60.00 | 40.00 | 65.00 | 61.5 | C+  | 0 % |
|  | 80.00 | 80.00 | 70.00 | 90.00 | 81.0 | A-  | 0 % |
|  | 85.00 | 93.00 | 90.00 | 60.00 | 80.9 | A-  | 0 % |
|  | 80.00 | 80.00 | 70.00 | 53.00 | 69.9 | B-  | 0 % |
|  | 75.00 | 83.00 | 80.00 | 63.00 | 74.8 | B  | 0 % |
|  | 80.00 | 73.00 | 55.00 | 55.00 | 65.4 | B-  | 0 % |
|  | 85.00 | 83.00 | 70.00 | 50.00 | 70.9 | B  | 0 % |
|  | 85.00 | 93.00 | 90.00 | 60.00 | 80.9 | A-  | 0 % |
|  | 80.00 | 89.50 | 60.00 | 90.00 | 81.9 | A-  | 0 % |
|  | 80.00 | 83.00 | 40.00 | 50.00 | 63.9 | C+  | 0 % |
|  | 80.00 | 85.00 | 20.00 | 85.00 | 71.0 | B  | 0 % |
|  | 80.00 | 80.00 | 60.00 | 65.00 | 71.5 | B  | 0 % |
|  | 80.00 | 84.00 | 55.00 | 65.00 | 71.7 | B  | 0 % |
|  | 80.00 | 88.00 | 60.00 | 90.00 | 81.4 | A-  | 0 % |
|  | 80.00 | 82.00 | 55.00 | 65.00 | 71.1 | B  | 0 % |
|  | 80.00 | 88.50 | 60.00 | 85.00 | 80.1 | A-  | 0 % |
|  | 90.00 | 86.50 | 80.00 | 90.00 | 87.0 | A  | 0 % |
|  | 75.00 | 85.50 | 60.00 | 65.00 | 72.2 | B  | 0 % |
|  | 90.00 | 84.50 | 80.00 | 90.00 | 86.4 | A  | 0 % |
|  | 80.00 | 80.50 | 60.00 | 90.00 | 79.2 | B+  | 0 % |
|  | 80.00 | 81.00 | 40.00 | 65.00 | 67.8 | B-  | 0 % |
|  | 80.00 | 82.00 | 50.00 | 55.00 | 67.1 | B-  | 0 % |
|  | 85.00 | 86.50 | 60.00 | 80.00 | 79.0 | B+  | 0 % |
|  | 80.00 | 80.00 | 30.00 | 62.50 | 64.8 | C+  | 0 % |
|  | 80.00 | 89.00 | 80.00 | 65.00 | 78.2 | B+  | 0 % |
|  | 80.00 | 90.00 | 60.00 | 60.00 | 73.0 | B  | 0 % |
|  | 80.00 | 81.00 | 70.00 | 75.00 | 76.8 | B+  | 0 % |
|  | 80.00 | 88.00 | 80.00 | 65.00 | 77.9 | B+  | 0 % |
|  | 80.00 | 89.50 | 70.00 | 85.00 | 82.4 | A-  | 0 % |
|  | 80.00 | 84.00 | 30.00 | 75.00 | 69.7 | B-  | 0 % |
|  | 80.00 | 85.00 | 50.00 | 80.00 | 75.5 | B+  | 0 % |
|  | 80.00 | 83.00 | 50.00 | 65.00 | 70.4 | B  | 0 % |
|  | 80.00 | 87.50 | 80.00 | 80.00 | 82.3 | A-  | 0 % |
|  | 90.00 | 81.50 | 60.00 | 90.00 | 81.5 | A-  | 0 % |
|  | 80.00 | 80.50 | 20.00 | 80.00 | 68.2 | B-  | 0 % |
|  | 80.00 | 79.00 | 70.00 | 90.00 | 80.7 | A-  | 0 % |
|  | 80.00 | 87.50 | 40.00 | 65.00 | 69.8 | B-  | 0 % |
|  | 80.00 | 84.50 | 50.00 | 55.00 | 67.9 | B-  | 0 % |
|  | 80.00 | 83.50 | 60.00 | 65.00 | 72.6 | B  | 0 % |
|  | 80.00 | 82.50 | 30.00 | 55.00 | 63.3 | C+  | 0 % |
|  | 80.00 | 87.00 | 80.00 | 80.00 | 82.1 | A-  | 0 % |
|  | 80.00 | 79.50 | 50.00 | 35.00 | 60.4 | C+  | 0 % |
|  | 80.00 | 82.50 | 70.00 | 65.00 | 74.3 | B  | 0 % |
|  | 80.00 | 84.50 | 70.00 | 52.50 | 71.1 | B  | 0 % |
|  | 80.00 | 86.00 | 100.00 | 70.00 | 82.8 | A-  | 0 % |
|  | 90.00 | 89.50 | 80.00 | 80.00 | 84.9 | A-  | 0 % |
|  | 80.00 | 87.50 | 100.00 | 80.00 | 86.3 | A  | 0 % |
|  | 80.00 | 82.50 | 40.00 | 50.00 | 63.8 | C+  | 0 % |
|  | 80.00 | 89.00 | 80.00 | 85.00 | 84.2 | A-  | 0 % |
|  | 80.00 | 84.00 | 70.00 | 70.00 | 76.2 | B+  | 0 % |
|  | 90.00 | 85.50 | 80.00 | 70.00 | 80.7 | A-  | 0 % |
|  | 80.00 | 86.50 | 100.00 | 80.00 | 86.0 | A  | 0 % |
|  | 80.00 | 89.50 | 90.00 | 50.00 | 75.9 | B+  | 0 % |
|  | 80.00 | 88.00 | 50.00 | 80.00 | 76.4 | B+  | 0 % |
|  | 80.00 | 88.50 | 90.00 | 65.00 | 80.1 | A-  | 0 % |
|  | 80.00 | 87.00 | 70.00 | 55.00 | 72.6 | B  | 0 % |
|  | 80.00 | 86.00 | 90.00 | 70.00 | 80.8 | A-  | 0 % |
|  | 80.00 | 85.50 | 80.00 | 40.00 | 69.7 | B-  | 0 % |
|  | 80.00 | 90.00 | 100.00 | 85.00 | 88.5 | A  | 0 % |
|  | 80.00 | 90.00 | 80.00 | 70.00 | 80.0 | A-  | 0 % |
|  | 80.00 | 85.00 | 60.00 | 55.00 | 70.0 | B  | 0 % |
|  | 65.00 | 80.00 | 60.00 | 50.00 | 64.0 | C+  | 0 % |
|  | 80.00 | 81.00 | 90.00 | 60.00 | 76.3 | B+  | 0 % |
|  | 80.00 | 81.50 | 60.00 | 40.00 | 64.5 | C+  | 0 % |
|  | 70.00 | 82.50 | 70.00 | 55.00 | 69.3 | B-  | 0 % |
|  | 80.00 | 83.00 | 50.00 | 45.00 | 64.4 | C+  | 0 % |
|  | 80.00 | 82.00 | 60.00 | 45.00 | 66.1 | B-  | 0 % |
|  | 70.00 | 83.00 | 70.00 | 80.00 | 76.9 | B+  | 0 % |
|  | 75.00 | 87.00 | 70.00 | 45.00 | 68.6 | B-  | 0 % |
|  | 80.00 | 80.50 | 65.00 | 60.00 | 71.2 | B  | 0 % |
|  | 80.00 | 87.50 | 70.00 | 55.00 | 72.8 | B  | 0 % |
|  | 80.00 | 89.00 | 100.00 | 60.00 | 80.7 | A-  | 0 % |
|  | 80.00 | 88.50 | 80.00 | 50.00 | 73.6 | B  | 0 % |
|  | 80.00 | 85.00 | 80.00 | 65.00 | 77.0 | B+  | 0 % |
|  | 90.00 | 83.50 | 50.00 | 75.00 | 75.6 | B+  | 0 % |
|  | 85.00 | 80.00 | 50.00 | 70.00 | 72.0 | B  | 0 % |
|  | 80.00 | 80.00 | 50.00 | 55.00 | 66.5 | B-  | 0 % |
|  | 80.00 | 80.00 | 85.00 | 70.00 | 78.0 | B+  | 0 % |
|  | 80.00 | 80.00 | 45.00 | 70.00 | 70.0 | B  | 0 % |
|  | 80.00 | 80.00 | 35.00 | 70.00 | 68.0 | B-  | 0 % |
|  | 80.00 | 80.00 | 35.00 | 70.00 | 68.0 | B-  | 0 % |
|  | 80.00 | 80.00 | 65.00 | 65.00 | 72.5 | B  | 0 % |
|  | 70.00 | 80.00 | 65.00 | 55.00 | 67.5 | B-  | 0 % |
|  | 85.00 | 80.00 | 65.00 | 60.00 | 72.0 | B  | 0 % |
|  | 90.00 | 80.00 | 100.00 | 80.00 | 86.0 | A  | 0 % |
|  | 80.00 | 80.00 | 40.00 | 55.00 | 64.5 | C+  | 0 % |
|  | 85.00 | 80.00 | 90.00 | 75.00 | 81.5 | A-  | 0 % |
|  | 85.00 | 80.00 | 70.00 | 65.00 | 74.5 | B  | 0 % |
|  | 75.00 | 80.00 | 65.00 | 70.00 | 73.0 | B  | 0 % |
|  | 80.00 | 80.00 | 35.00 | 55.00 | 63.5 | C+  | 0 % |
|  | 85.00 | 80.00 | 50.00 | 75.00 | 73.5 | B  | 0 % |
|  | 80.00 | 80.00 | 65.00 | 70.00 | 74.0 | B  | 0 % |
|  | 80.00 | 80.00 | 35.00 | 70.00 | 68.0 | B-  | 0 % |
|  | 80.00 | 80.00 | 65.00 | 55.00 | 69.5 | B-  | 0 % |
|  | 85.00 | 80.00 | 65.00 | 50.00 | 69.0 | B-  | 0 % |
|  | 75.00 | 80.00 | 90.00 | 60.00 | 75.0 | B+  | 0 % |
|  | 80.00 | 80.00 | 35.00 | 70.00 | 68.0 | B-  | 0 % |
|  | 80.00 | 80.00 | 40.00 | 55.00 | 64.5 | C+  | 0 % |
|  | 80.00 | 80.00 | 40.00 | 55.00 | 64.5 | C+  | 0 % |
|  | 90.00 | 80.00 | 100.00 | 80.00 | 86.0 | A  | 0 % |
|  | 85.00 | 80.00 | 65.00 | 70.00 | 75.0 | B+  | 0 % |
|  | 85.00 | 80.00 | 90.00 | 80.00 | 83.0 | A-  | 0 % |
|  | 85.00 | 80.00 | 35.00 | 60.00 | 66.0 | B-  | 0 % |
|  | 80.00 | 80.00 | 35.00 | 65.00 | 66.5 | B-  | 0 % |
|  | 90.00 | 80.00 | 100.00 | 80.00 | 86.0 | A  | 0 % |
|  | 85.00 | 80.00 | 65.00 | 70.00 | 75.0 | B+  | 0 % |
|  | 80.00 | 80.00 | 75.00 | 85.00 | 80.5 | A-  | 0 % |
|  | 80.00 | 80.00 | 65.00 | 75.00 | 75.5 | B+  | 0 % |
|  | 80.00 | 80.00 | 90.00 | 80.00 | 82.0 | A-  | 0 % |
|  | 85.00 | 80.00 | 75.00 | 90.00 | 83.0 | A-  | 0 % |
|  | 75.00 | 80.00 | 50.00 | 80.00 | 73.0 | B  | 0 % |
|  | 75.00 | 80.00 | 35.00 | 70.00 | 67.0 | B-  | 0 % |
|  | 80.00 | 80.00 | 65.00 | 55.00 | 69.5 | B-  | 0 % |
|  | 80.00 | 80.00 | 65.00 | 55.00 | 69.5 | B-  | 0 % |
|  | 75.00 | 80.00 | 75.00 | 55.00 | 70.5 | B  | 0 % |
|  | 70.00 | 80.00 | 35.00 | 50.00 | 60.0 | C+  | 0 % |
|  | 90.00 | 80.00 | 100.00 | 80.00 | 86.0 | A  | 0 % |
|  | 80.00 | 80.00 | 65.00 | 80.00 | 77.0 | B+  | 0 % |
|  | 80.00 | 80.00 | 50.00 | 60.00 | 68.0 | B-  | 0 % |
|  | 80.00 | 80.00 | 65.00 | 80.00 | 77.0 | B+  | 0 % |
|  | 80.00 | 80.00 | 65.00 | 55.00 | 69.5 | B-  | 0 % |
|  | 60.00 | 80.00 | 15.00 | 65.00 | 58.5 | C  | 0 % |
|  | 80.00 | 80.00 | 15.00 | 70.00 | 64.0 | C+  | 0 % |
|  | 80.00 | 80.00 | 50.00 | 55.00 | 66.5 | B-  | 0 % |
|  | 80.00 | 80.00 | 35.00 | 60.00 | 65.0 | B-  | 0 % |
|  | 80.00 | 80.00 | 75.00 | 75.00 | 77.5 | B+  | 0 % |
|  | 80.00 | 80.00 | 15.00 | 50.00 | 58.0 | C  | 0 % |
|  | 75.00 | 80.00 | 90.00 | 75.00 | 79.5 | B+  | 0 % |
|  | 85.00 | 80.00 | 35.00 | 60.00 | 66.0 | B-  | 0 % |
|  | 80.00 | 80.00 | 65.00 | 60.00 | 71.0 | B  | 0 % |
|  | 70.00 | 80.00 | 50.00 | 70.00 | 69.0 | B-  | 0 % |
|  | 70.00 | 80.00 | 75.00 | 77.00 | 76.1 | B+  | 0 % |
|  | 70.00 | 78.00 | 65.00 | 75.00 | 72.9 | B  | 0 % |
|  | 70.00 | 78.00 | 70.00 | 80.00 | 75.4 | B+  | 0 % |
|  | 75.00 | 78.00 | 60.00 | 70.00 | 71.4 | B  | 0 % |
|  | 80.00 | 78.00 | 60.00 | 68.00 | 71.8 | B  | 0 % |
|  | 80.00 | 80.00 | 85.00 | 82.00 | 81.6 | A-  | 0 % |
|  | 80.00 | 80.00 | 75.00 | 80.00 | 79.0 | B+  | 0 % |
|  | 70.00 | 78.00 | 60.00 | 80.00 | 73.4 | B  | 0 % |
|  | 75.00 | 76.00 | 60.00 | 65.00 | 69.3 | B-  | 0 % |
|  | 70.00 | 78.00 | 60.00 | 78.00 | 72.8 | B  | 0 % |
|  | 75.00 | 80.00 | 80.00 | 85.00 | 80.5 | A-  | 0 % |
|  | 70.00 | 76.00 | 60.00 | 72.00 | 70.4 | B  | 0 % |
|  | 80.00 | 76.00 | 60.00 | 76.00 | 73.6 | B  | 0 % |
|  | 80.00 | 78.00 | 63.00 | 78.00 | 75.4 | B+  | 0 % |
|  | 80.00 | 76.00 | 65.00 | 72.00 | 73.4 | B  | 0 % |
|  | 75.00 | 76.00 | 60.00 | 68.00 | 70.2 | B  | 0 % |
|  | 70.00 | 80.00 | 75.00 | 80.00 | 77.0 | B+  | 0 % |
|  | 75.00 | 78.00 | 70.00 | 70.00 | 73.4 | B  | 0 % |
|  | 70.00 | 78.00 | 60.00 | 70.00 | 70.4 | B  | 0 % |
|  | 70.00 | 80.00 | 65.00 | 87.00 | 77.1 | B+  | 0 % |
|  | 75.00 | 70.00 | 75.00 | 70.00 | 72.0 | B  | 0 % |
|  | 75.00 | 72.00 | 70.00 | 65.00 | 70.1 | B  | 0 % |
|  | 70.00 | 78.00 | 60.00 | 80.00 | 73.4 | B  | 0 % |
|  | 70.00 | 78.00 | 60.00 | 62.00 | 68.0 | B-  | 0 % |
|  | 70.00 | 80.00 | 60.00 | 70.00 | 71.0 | B  | 0 % |
|  | 70.00 | 80.00 | 60.00 | 77.00 | 73.1 | B  | 0 % |
|  | 70.00 | 80.00 | 65.00 | 82.00 | 75.6 | B+  | 0 % |
|  | 75.00 | 75.00 | 67.00 | 75.00 | 73.4 | B  | 0 % |
|  | 75.00 | 85.00 | 63.00 | 76.00 | 75.9 | B+  | 0 % |
|  | 70.00 | 75.00 | 63.00 | 76.00 | 71.9 | B  | 0 % |
|  | 75.00 | 80.00 | 60.00 | 68.00 | 71.4 | B  | 0 % |
|  | 75.00 | 78.00 | 63.00 | 78.00 | 74.4 | B  | 0 % |
|  | 70.00 | 80.00 | 68.00 | 75.00 | 74.1 | B  | 0 % |
|  | 70.00 | 80.00 | 60.00 | 68.00 | 70.4 | B  | 0 % |
|  | 75.00 | 78.00 | 65.00 | 70.00 | 72.4 | B  | 0 % |
|  | 75.00 | 87.00 | 68.00 | 65.00 | 74.2 | B  | 0 % |
|  | 70.00 | 80.00 | 70.00 | 80.00 | 76.0 | B+  | 0 % |
|  | 75.00 | 85.00 | 62.00 | 62.00 | 71.5 | B  | 0 % |
|  | 78.00 | 75.00 | 78.00 | 72.00 | 75.3 | B+  | 0 % |
|  | 70.00 | 78.00 | 70.00 | 72.00 | 73.0 | B  | 0 % |
|  | 75.00 | 80.00 | 60.00 | 72.00 | 72.6 | B  | 0 % |
|  | 70.00 | 78.00 | 72.00 | 78.00 | 75.2 | B+  | 0 % |
|  | 70.00 | 76.00 | 60.00 | 68.00 | 69.2 | B-  | 0 % |
|  | 75.00 | 80.00 | 75.00 | 87.00 | 80.1 | A-  | 0 % |
|  | 70.00 | 78.00 | 60.00 | 62.00 | 68.0 | B-  | 0 % |
|  | 75.00 | 80.00 | 65.00 | 78.00 | 75.4 | B+  | 0 % |
|  | 70.00 | 75.00 | 60.00 | 67.00 | 68.6 | B-  | 0 % |
|  | 75.00 | 80.00 | 65.00 | 72.00 | 73.6 | B  | 0 % |
|  | 75.00 | 78.00 | 60.00 | 76.00 | 73.2 | B  | 0 % |
|  | 75.00 | 80.00 | 63.00 | 62.00 | 70.2 | B  | 0 % |
|  | 70.00 | 78.00 | 60.00 | 65.00 | 68.9 | B-  | 0 % |
|  | 70.00 | 78.00 | 60.00 | 65.00 | 68.9 | B-  | 0 % |
|  | 70.00 | 76.00 | 60.00 | 60.00 | 66.8 | B-  | 0 % |

Lampiran 5

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Lampiran 5

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