

ANSWERS: BIOCHEMISTRY QUESTION BANK

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-------|-----|-----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| B | B | D | C | A | C | A | B | A | C | B | D | C | C | C | D | B | A | B | B |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| B | C | A | D | C | C | C | B | C | C | D | D | A | C | B | D | D | C | A | B |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| A | D | A | D | A | A | A | B | C | A | B | C | C | B | C | B | A | A | B | A |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| D | B | B | A | C | C | C | B | D | D | D | A,C | A,C | B | A | ALL | D | D | D | A |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| A,C | C | A,B,C | D | D | A | D | C | A | C | B | D | B | A | D | B | B | B | D | D |
| 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 |
| A | C | C | A | B | B | C | A | A | B | D | D | B | D | A | A | C | D | D | B |
| 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 |
| A | D | A | D | C | D | D | B | A | D | D | B | B | D | A | B | B | B | C | B |
| 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 |
| A | D | C | A | D | B | ALL | D | D | D | C | B | A | A | B | C | B | C,D | C | D |
| 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 |
| D | C | A | C | A | D | B | A | D | D | C | B | D | D | B | A,B,C | A,B,D | A | D | D |
| 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 |
| C | A | B | D | D | A | C | D | D | D | A | C | D | A | A | D | B | B,C | A | D |
| 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 | 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 | 219 | 220 |
| C | D | D | C | D | A | A | D | D | D | C | C | D | B | C | A | D | C | D | B |
| 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230 | 231 | 232 | 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240 |
| D | C | B | D | D | A | A | D | D | B,C | B | C | B | C | A | A | D | C | A | ALL |
| 241 | 242 | 243 | 244 | 245 | 246 | 247 | 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 | 256 | 257 | 258 | 259 | 260 |
| C | C | D | C | A | D | D | B | D | A | D | A | D | B | C | B | C | D | B | D |
| 261 | 262 | 263 | 264 | 265 | 266 | 267 | 268 | 269 | 270 | 271 | 272 | 273 | 274 | 275 | 276 | 277 | 278 | 279 | 280 |
| B | D | C | B | B | D | A | D | D | D | C | A,C | D | D | A | D | C | A | D | A |
| 281 | 282 | 283 | 284 | 285 | 286 | 287 | 288 | 289 | 290 | 291 | 292 | 293 | 294 | 295 | 296 | 297 | 298 | 299 | 300 |
| C | D | D | C | D | D | D | D | A | D | D | C | A | B | D | D | C | A | B | C |
| 301 | 302 | 303 | 304 | 305 | 306 | 307 | 308 | 309 | 310 | 311 | 312 | 313 | 314 | 315 | 316 | 317 | 318 | | |
| C | D | C | B | B,D | ALL | B | D | D | A | B | D | D | A | B | B | D | D | | |

(GENETICS)

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| C | B | C | B | A | C | D | A | B | A | C | D | D | D | A | B | C | B | A | B |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| B | B | D | C | D | A | A | B | A | B | B | C | A | D | B | B | B | C | D | C |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| D | A | C | A | D | A | A | D | CD | D | B | C | C | A | E | E | C | D | B | C |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| A | D | C | C | A | B | A | D | A | B | C | B | D | A | B | B | C | A | C | B |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| A | C | A | B | C | D | C | B | C | D | D | B | A | D | C | B | C | A | D | C |
| 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 |
| A | BCD | ABD | ABC | A | CD | ABC | B | B | D | B | D | D | C | D | C | C | A | C | A |
| 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 |
| D | B | C | A | B | D | B | B | B | D | A | A | A | C | B | A | D | B | D | A |
| 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 |
| B | D | B | CD | D | D | A | C | C | B | D | B | B | D | ABC | BD | C | D | ACD | B |
| 161 | 162 | 163 | 164 | 165 | | | | | | | | | | | | | | | |
| B | A | D | B | A | | | | | | | | | | | | | | | |

IMMUNOLOGY

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| D | B | C | B | B | D | A | A | C | C | A | A | C | A | D | C | B | C | D | C |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| B | D | A | A | A | B | B | C | B | C | C | D | A | C | B | C | D | D | ABCD | D |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| B | B | C | C | D | D | C | B | C | B | C | C | A | A | A | B | B | C | A | C |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| D | D | A | D | A | C | C | D | D | A | A | C | A | B | B | B | D | D | B | B |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| C | D | B | C | A | A | C | B | C | C | C | D | D | C | D | B | C | D | C | D |
| 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 |
| A | B | B | D | C | A | B | B | D | A | C | B | D | B | B | B | A | C | B | B |
| 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 |
| A | D | C | D | C | C | D | C | C | A | D | C | C | C | A | B | D | C | D | A |
| 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 |
| A | C | B | B | A | A | D | C | A | D | B | B | D | A | B | B | B | A | B | A |
| 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 |
| ABD | BD | AB | ABD | A | B | D | C | A | D | D | D | C | B | B | D | D | D | B | B |
| 181 | 182 | | | | | | | | | | | | | | | | | | |
| D | A | | | | | | | | | | | | | | | | | | |

CELL BIOLOGY

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| B | B | D | C | A | C | B | D | A | C | B | A | B | D | B | C | A | C | C | D |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| B | A | B | A | B | A | C | C | B | C | C | B | B | C | C | A | A | D | C | B |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| D | A | A | D | D | C | B | B | D | C | A | A | C | D | A | A | B | D | B | D |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| C | D | C | A | B | B | A | A | A | A | C | A | D | D | D | C | C | C | D | C |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| A | A | D | A | D | A | C | C | D | C | A | A | C | A | B | A | B | B | C | B |
| 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 |
| B | D | C | C | A | B | B | A | C | D | A | B | A | B | D | C | A | D | D | B |
| 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 |
| B | B | D | A | D | A | C | C | D | A | B | D | D | B | C | A | D | B | B | D |
| 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 |
| C | C | B | A | D | C | A | B | B | A | D | C | BD | AD | C | C | D | D | A | ABCD |
| 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 |
| D | D | ACD | ABD | ACD | B | D | B | A | B | C | D | D | A | A | A | B | B | A | D |
| 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 |
| D | D | B | A | A | A | D | A | D | D | B | C | C | B | A | A | D | B | B | B |
| 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 | 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 | 219 | 220 |
| D | X | A | D | X | C | C | A | D | B | D | B | B | B | A | C | C | BCD | ABCD | ACD |
| 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230 | 231 | 232 | 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240 |
| D | C | D | B | D | C | A | B | A | C | B | D | A | D | B | B | A | C | C | C |
| 241 | 242 | 243 | 244 | 245 | 246 | 247 | 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 | 256 | 257 | 258 | 259 | 260 |
| A | A | B | D | B | B | C | A | C | D | D | B | B | A | B | A | B | A | B | B |
| 261 | 262 | 263 | 264 | 265 | 266 | 267 | 268 | 269 | 270 | 271 | 272 | 273 | 274 | 275 | 276 | 277 | 278 | 279 | 280 |
| D | B | ABCD | ACD | B | D | A | D | A | B | D | C | D | C | C | X | D | A | D | D |
| 281 | 282 | 283 | 284 | 285 | 286 | 287 | | | | | | | | | | | | | |
| D | D | C | B | B | D | D | | | | | | | | | | | | | |

(MOLECULAR BIOLOGY)

| | | | | | | | | | | | | | | | | | | | |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| abcd | ac | c | c | c | d | a | d | d | c | a | d | c | d | d | b | b | c | c | d |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| a | b | d | b | d | c | c | b | d | c | a | b | d | a | c | b | c | d | d | d |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| b | c | c | c | c | b | d | c | a | D | b | a | c | b | d | a | b | c | c | c |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| d | d | ac | bd | ac | b | a | d | b | d | c | c | a | d | c | b | b | d | abd | c |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| c | b | d | c | b | c | d | d | a | b | a | d | d | d | b | d | b | d | a | b |
| 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 |
| b | b | b | c | d | a | ab | b | a | a | a | d | b | b | a | d | a | d | a | b |
| 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 |
| c | b | c | b | b | c | c | a | b | c | b | b | b | c | a | b | c | c | c | B |
| 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 |
| d | d | d | d | b | a | b | d | a | c | d | c | b | c | c | d | d | b | c | a |
| 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 |
| a | c | abc | ac | ac | ac | cd | abd | acd | ad | d | d | bcd | bcd | bc | abc | abd | c | b | c |

(MOLECULAR BIOLOGY)

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|------|-----|-----|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 |
| a | c | d | c | d | a | b | d | d | ac | c | c | c | a | c | d | c | b | a | c |
| 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 | 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 | 219 | 220 |
| bc | b | b | c | c | abcd | c | abcd | abc | b | c | b | abc | b | c | c | d | d | c | a |
| 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230 | 231 | 232 | 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240 |
| c | b | b | b | a | b | a | c | b | c | a | bc | d | d | b | d | b | abc | bc | a |
| 241 | 242 | 243 | 244 | 245 | 246 | 247 | 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 | 256 | 257 | 258 | 259 | 260 |
| c | c | d | c | b | d | c | d | c | d | b | b | d | d | d | d | d | a | bd | d |
| 261 | 262 | 263 | 264 | 265 | 266 | 267 | 268 | 269 | 270 | 271 | 272 | 273 | 274 | 275 | 276 | 277 | 278 | 279 | 280 |
| d | abc | d | abc | b | c | ab | a | cd | ab | c | c | b | d | ab | b | c | a | b | a |
| 281 | 282 | 283 | 284 | 285 | 286 | 287 | 288 | 289 | 290 | 291 | 292 | 293 | 294 | 295 | 296 | 297 | 298 | 299 | 300 |
| b | c | d | d | d | acd | c | a | d | c | c | c | a | c | a | b | d | c | d | a |
| 301 | 302 | 303 | 304 | 305 | 306 | 307 | 308 | 309 | 310 | 311 | 312 | 313 | 314 | 315 | 316 | 317 | 318 | 319 | 320 |
| d | b | b | a | b | d | d | d | cd | c | d | a | D | b | c | b | d | a | d | a |
| 321 | 322 | 323 | 324 | 325 | 326 | 327 | 328 | 329 | 330 | 331 | 332 | 333 | 334 | 335 | 336 | 337 | 338 | 339 | 340 |
| d | c | d | d | c | c | d | a | d | d | a | d | b | d | c | b | a | b | b | b |
| 341 | 342 | 343 | 344 | 345 | 346 | 347 | 348 | 349 | 350 | 351 | 352 | 353 | 354 | 355 | 356 | 357 | 358 | 359 | 360 |
| c | c | a | b | b | c | a | b | c | a | d | a | c | b | b | b | b | d | d | b |
| 361 | 362 | 363 | 364 | 365 | 366 | 367 | 368 | 369 | 370 | 371 | 372 | 373 | 374 | 375 | 376 | 377 | 378 | 379 | 380 |
| a | d | d | d | c | a | c | b | a | c | a | c | a | b | a | b | b | d | b | d |
| 381 | 382 | 383 | 384 | 385 | 386 | 387 | 388 | 389 | 390 | 391 | 392 | 393 | 394 | 395 | 396 | 397 | 398 | 399 | 400 |
| c | d | b | b | c | b | b | d | d | b | c | c | a | a | d | a | d | c | c | d |
| 401 | 402 | 403 | 404 | 405 | 406 | 407 | 408 | 409 | 410 | 411 | 412 | 413 | 414 | 415 | | | | | |
| abc | bd | abcd | c | c | a | c | a | d | a | b | a | a | a | d | | | | | |

ANSWERS (EVOLUTION)

| | | | | | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| D | C | A | A | C | B | C | A | B | A | B | B | C | C | B | C | D | C | C | C |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| C | D | A | A | C | B | BD | A | D | A | B | C | A | A | B | A | A | B | D | A |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| C | D | B | B | A | B | D | C | B | D | A | A | C | A | B | A | A | D | C | B |
| 61 | 62 | 63 | 64 | 65 | | | | | | | | | | | | | | | |
| A | D | A | A | B | | | | | | | | | | | | | | | |

PHYSICS

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| A | C | C | B | A | A | C | A | D | B | C | A | D | B | C | A | C | C | A | D |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| C | B | D | B | | A | D | B | D | A | C | A | A | B | C | A | B | A | A | B |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | A 51 D | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| B | A | C | A | A | B | A | A | D | B | <u>B 51 A</u> | C | D | A | C | C | C | C | D | D |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| D | B | A | C | C | B | B | A | B | C | A | A | C | B | C | B | C | A | C | A |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| A | C | B | D | A | D | A | C | B | D | B | C | A | B | D | A | D | B | B | B |
| 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 |
| A | A | C | A | C | A | D | B | A | C | C | B | D | A | C | B | B | D | C | C |
| 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 |
| C | D | B | C | C | B | D | A | C | D | A | D | A | D | A | C | B | B | A | B |
| 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 |
| D | A | A | D | B | D | A | D | B | C | A | A | B | A | B | B | C | B | B | D |
| 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 |
| A | B | C | B | A | C | B | C | D | C | D | B | C | B | C | A | D | A | D | D |
| 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 |
| C | A | D | A | B | C | B | B | C | D | A | B | A | D | D | D | A | B | B | B |
| 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 | 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 | | |
| D | A | D | A | D | D | B | B | C | A | B | C | D | C | C | A | A | A | | |

CHEMISTRY

| | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| A | A | A | A | C | C | B | C | A | D | B | A | D | A | A | B | C | A | A | B |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| A | C | D | A | B | B | C | A | B | A | C | C | C | C | A | A | D | A | C | A |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| D | B | A | D | D | C | C | A | C | A | C | C | A | A | C | A | D | D | D | B |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| A | A | C | C | B | A | D | C | C | B | B | D | D | B | A | D | C | D | A | B |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| B | D | D | C | C | D | C | A | B | C | D | B | A | C | C | A | B | D | C | A |
| 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 |
| C | C | B | D | A | B | C | C | C | D | D | D | C | D | D | C | A | D | C | C |
| 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | | | | | |
| C | A | D | B | A | C | C | C | B | C | B | C | A | C | C | | | | | |

EARTH SCIENCES (GEOLOGY)

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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| C | D | C | C | D | C | C | C | B | B | C | C | B | A | C | B | A | C | A | B |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| A | D | B | A | A | B | A | C | C | B | B | B | A | D | B | A | C | D | B | C |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| C | D | D | A | B | B | D | B | A | B | A | D | C | B | D | A | C | B | A | C |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| D | C | D | A | C | C | C | B | B | A | C | C | A | B | D | D | B | B | A | A |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| A | A | C | A | D | C | D | C | A | B | D | C | D | B | D | D | B | B | C | C |
| 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 |
| D | B | A | A | D | D | B | D | C | D | C | C | B | B | C | A | A | D | B | D |
| 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 |
| D | D | C | A | B | D | B | D | A | A | B | C | B | D | B | D | C | B | A | A |
| 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 |
| B | D | D | A | C | C | C | B | C | A | B | D | C | B | C | A | C | A | B | B |
| 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 |
| A | A | A | C | D | A | C | C | D | A | B | C | B | B | B | C | B | A | C | B |
| 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 |
| A | A | C | C | B | A | B | B | D | D | B | C | B | D | A | B | C | A | B | D |
| 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 | 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 | 219 | 220 |
| A | C | A | B | D | A | D | C | D | B | B | A | C | D | C | D | B | A | D | B |
| 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230 | 231 | 232 | 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240 |
| D | B | B | A | A | D | B | C | A | C | B | A | B | B | A | C | A | C | B | A |
| 241 | 242 | 243 | 244 | 245 | 246 | 247 | 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 | 256 | 257 | 258 | 259 | |
| D | A | D | B | A | C | D | D | D | C | C | D | B | C | C | A | B | A | C | |

MATHEMATICS

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|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| C | B | A | B | B | C | A | C | B | D | D | B | A | B | D | C | B | B | A | D | A | E |

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|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| B | B | C | B | D | A | C | A | C | D | A | B | A | X | D | A |

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|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| B | C | C | C | A | A | C | C | A | B | B | D | D | A | B | B | C | B | A | B |

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|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| A | A | B | B | B | C | B | D | D | C | B | D | B | C | B | A | B | A | B | B |

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|---|---|---|---|---|---|---|---|---|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| C | A | B | B | C | B | A | B | A | B | D | D | D |

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|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| B | B | C | X | A | A | A | C | A | B | E | C | A | B | B | A | C |

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|---|---|---|---|---|---|---|---|---|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| C | D | C | C | B | A | C | A | A | C | B | C | C | A |

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|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
| 1 | 2 | 3 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| A | D | B | C | B | A | A | B | C | A | A | C | B | B |

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|----|----|----|----|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| B | A | B | A | D | C | B | B | A | D | C | A | B | B | A | B | A | A | A | A |
| 21 | 22 | 23 | 24 | | | | | | | | | | | | | | | | |
| B | C | B | | | | | | | | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| C | A | A | D | A | B | C | D | B | C | B | D | B | D | D | C | A | A | C | C | B |

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|---|---|---|---|---|---|---|---|---|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| A | B | B | B | D | C | B | C | C | A | B | C | C | D |

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|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| D | C | B | C | B | C | A | A | C | B | A | C | C | B | B | C | C | C |

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| | | | |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| D | A | E | E |

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|---|---|---|---|---|---|---|---|---|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| A | A | B | A | D | A | B | A | B | C | X | B | A |

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|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| B | B | C | C | C | D | A | C | A | B | C | A | D | B | B | C | D | C |

X = Question is cancel

COMPUTER

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|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| A | A | B | A | C | D | B | D | A | B | B | B | C | D | D | C | B | A | B | D |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| A | B | B | D | B | D | A | B | C | B | C | D | A | A | B | C | B | C | D | A |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| D | D | B | B | D | B | B | C | D | C | B | D | B | B | C | C | C | A | B | B |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | | | | | | | | | | | | |
| A | C | A | C | C | B | A | B | | | | | | | | | | | | |