|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| KINE-  MATICS |  | FORCES |  | FORCES & ENERGY |  | CIRCU-LAR |  | GRAVITY |  |
| 1 | C | 1 | B | 1 | B | 1 | B | 1 | D |
| 2 | D | 2 | A | 2 | B | 2 | E | 2 | B |
| 3 | E | 3 | B | 3 | E | 3 | E | 3 | C |
| 4 | D | 4 | D | 4 | A | 4 | B | 4 | C |
| 5 | E | 5 | C | 5 | D |  |  | 5 | C |
| 6 | D | 6 | B | 6 | E |  |  | 6 | E |
| 7 | A |  |  |  |  |  |  | 7 | E |
| 8 | E |  |  |  |  |  |  |  |  |
| 9 | A |  |  |  |  |  |  |  |  |
| 10 | E |  |  |  |  |  |  |  |  |
| MOMEN-  TUM |  |  |  | WORK |  | SHM |  | TORQUE |  |
| 1 | C | 10 | C | 1 | B | 1 | E | 1 | C |
| 2 | B | 11 | E | 2 | D | 2 | A | 2 | B |
| 3 | C | 12 | B | 3 | B | 3 | D | 3 | B |
| 4 | C | 13 | A | 4 | E | 4 | E | 4 | D |
| 5 | A | 14 | D | 5 | A | 5 | E | 5 | B |
| 6 | C | 15 | B | 6 | C | 6 | A | 6 | C |
| 7 | C | 16 | E | 7 | C | 7 | E | 7 | A |
| 8 | E | 17 | D |  |  |  |  |  |  |
| 9 | D |  |  |  |  |  |  |  |  |
| WAVES |  |  |  | REFRACTION |  | MIRRORS |  | LENSES |  |
| 1 | D | 8 | E | 1 | E | 1 | D | 1 | B |
| 2 | B | 9 | E | 2 | E | 2 | E | 2 | A |
| 3 | C | 10 | C | 3 | B | 3 | B | 3 | D |
| 4 | A | 11 | B | 4 | A | 4 | B | 4 | D |
| 5 | A | 12 | C | 5 | E |  |  | 5 | D |
| 6 | C | 13 | A |  |  |  |  | 6 | E |
| 7 | B | 14 | D |  |  |  |  | 7 | D |
| HEAT |  |  |  | ELECTRIC. |  |  |  |  |  |
| 1 | C | 8 | A | 1 | D | 10 | B | 20 | D |
| 2 | B | 9 | D | 2 | A | 11 | E | 21 | C |
| 3 | C | 10 | C | 3 | A | 12 | A | 22 | A |
| 4 | B | 11 | A | 4 | E | 13 | B | 23 | C |
| 5 | C | 12 | C | 5 | D | 14 | E | 24 | D |
| 6 | C | 13 | D | 6 | C | 15 | A | 25 | C |
| 7 | C |  |  | 7 | B | 16 | E |  |  |
|  |  |  |  | 8 | D | 17 | B |  |  |
|  |  |  |  | 9 | D | 18 | D |  |  |
|  |  |  |  |  |  | 19 | A |  |  |

MORE KEY DOWN ON NEXT PAGE…

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MAGNET-  ISM |  | ATOMIC |  | NUCLEAR |  | NO | SPECIAL | RELATIVITY | ON THE TEST |
| 1 | A | 8 | D | 1 | B |  |  |  |  |
| 2 | A | 9 | E | 2 | A |  |  |  |  |
| 3 | C | 10 | B | 3 | E |  |  |  |  |
| 4 | C | 11 | C | 4 | B |  |  |  |  |
| 5 | E | 12 | C | 5 | A |  |  |  |  |
| 6 | D | 13 | D | 6 | D |  |  |  |  |
| 7 | C | 14 | A | 7 | A |  |  |  |  |
| 8 | A | 15 | B | 8 | E |  |  |  |  |
| 9 | C | 1 | A | 9 | C |  |  |  |  |
| 10 | E | 2 | D | 10 | D |  |  |  |  |
|  |  | 3 | B |  |  |  |  |  |  |
|  |  | 4 | A |  |  |  |  |  |  |
|  |  | 5 | A |  |  |  |  |  |  |
|  |  | 6 | B |  |  |  |  |  |  |
|  |  | 7 | A |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |