VARIABLE LIST:

1. GRADES
2. SCI
3. DIS
4. TIME
5. MONEY
6. BIO
7. TECH
8. LECTURE
9. EXTRA
10. RFUNDS
11. ALOTWORK
12. CONFI
13. PROBSK
14. TEAM
15. RESMENTOR
16. SCHOLARSHIP
17. MAJOR

|  |  |
| --- | --- |
| **Rule Number** | **Rule** |
| 1 | IF GRADES = HIGH && SCI = YES && DIS = YES && TIME = YES && MONEY = YES THEN MAJOR= “SCI-RES” |
| 2 | IF GRADES = HIGH && SCI = YES && DIS = YES && TIME = YES && MONEY = NO THEN MAJOR = “DENTIST” |
| 3 | IF GRADES = HIGH && SCI = YES && DIS = YES && TIME = NO THEN MAJOR = “ENGINEERING” |
| 4 | IF GRADES = HIGH && SCI = YES && DIS = NO && BIO = YES THEN MAJOR = “MEDICAL” |
| 5 | IF GRADES = HIGH && SCI = YES && DIS = NO && BIO = NO THEN MAJOR = “NURSING” |
| 6 | IF GRADES = HIGH && SCI = NO THEN MAJOR = “BUSINESS” |
| 7 | IF GRADES=MEDIUM && TECH = YES && LECTURE=YES && EXTRA=YES THEN MAJOR=”EDUCATION” |
| 8 | IF GRADES=MEDIUM && TECH = YES && LECTURE=YES && EXTRA=NO THEN MAJOR=”ENGINEERING” |
| 9 | IF GRADES=MEDIUM && TECH = YES && LECTURE=NO && RFUNDS=YES THEN MAJOR=”SCI-RES” |
| 10 | IF GRADES=MEDIUM && TECH = YES && LECTURE=NO && RFUNDS=NO THEN MAJOR=”PSYCOLOGY” |
| 11 | IF GRADES = MEDIUM && TECH= NO && ALOTWORK=YES THEN MAJOR=”BANKING” |
| 12 | IF GRADES = MEDIUM && TECH= NO && ALOTWORK=NO && CONFI=YES THEN MAJOR=”LAW” |
| 13 | IF GRADES = MEDIUM && TECH= NO && ALOTWORK=NO && CONFI=NO THEN MAJOR=”HISTORY” |
| 14 | IF GRADES =LOW && SCHOLARSHIP=YES && PROBSK=YES && TEAM=YES THEN MAJOR =”ENGINEERING” |
| 15 | IF GRADES =LOW && SCHOLARSHIP=YES && PROBSK=YES && TEAM=NO THEN MAJOR =”EDUCATION” |
| 16 | IF GRADES =LOW && SCHOLARSHIP=YES && PROBSK=NO && RESMENTOR=YES THEN MAJOR =”SCI-RES” |
| 17 | IF GRADES =LOW && SCHOLARSHIP=YES && PROBSK=NO && RESMENTOR=NO THEN MAJOR =”EDUCATION” |
| 18 | IF GRADES=LOW && SCHOLARSHIP=NO THEN MAJOR=”HISTORY” |

## Clause – Variable List

|  |  |  |
| --- | --- | --- |
| Rule Number | Slot Number | Name |
| 1 | 1 | GRADES |
|  | 2 | SCI |
|  | 3 | DIS |
|  | 4 | TIME |
|  | 5 | MONEY |
|  | 6 |  |
| 2 | 7 | GRADES |
|  | 8 | SCI |
|  | 9 | DIS |
|  | 10 | TIME |
|  | 11 | MONEY |
|  | 12 |  |
| 3 | 13 | GRADES |
|  | 14 | SCI |
|  | 15 | DIS |
|  | 16 | TIME |
|  | 17 |  |
|  | 18 |  |
| 4 | 19 | GRADES |
|  | 20 | SCI |
|  | 21 | DIS |
|  | 22 | BIO |
|  | 23 |  |
|  | 24 |  |
| 5 | 25 | GRADES |
|  | 26 | SCI |
|  | 27 | DIS |
|  | 28 | BIO |
|  | 29 |  |
|  | 30 |  |
| 6 | 31 | GRADES |
|  | 32 | SCI |
|  | 33 |  |
|  | 34 |  |
|  | 35 |  |
|  | 36 |  |
| 7 | 37 | GRADES |
|  | 38 | TECH |
|  | 39 | LECTURE |
|  | 40 | EXTRA |
|  | 41 |  |
|  | 42 |  |
| 8 | 43 | GRADES |
|  | 44 | TECH |
|  | 45 | LECTURE |
|  | 46 | E EXTRA |
|  | 47 |  |
|  | 48 |  |
| 9 | 49 | GRADES |
|  | 50 | TECH |
|  | 51 | LECTURE |
|  | 52 | RFUNDS |
|  | 53 |  |
|  | 54 |  |
| 10 | 55 | GRADES |
|  | 56 | TECH |
|  | 57 | LECTURE |
|  | 58 | RFUNDS |
|  | 59 |  |
|  | 60 |  |
| 11 | 61 | GRADES |
|  | 62 | TECH |
|  | 63 | ALOTWORK |
|  | 64 |  |
|  | 65 |  |
|  | 66 |  |
| 12 | 67 | GRADES |
|  | 68 | TECH |
|  | 69 | ALOTWORK |
|  | 70 | CO CONFI |
|  | 71 |  |
|  | 72 |  |
| 13 | 73 | GRADES |
|  | 74 | TECH |
|  | 75 | ALOTWORK |
|  | 76 | CONFI |
|  | 77 |  |
|  | 78 |  |
| 14 | 79 | GRADES |
|  | 80 | SCHOLARSHIP |
|  | 81 | PROBSK |
|  | 82 | TEAM |
|  | 83 |  |
|  | 84 |  |
| 15 | 85 | GRADES |
|  | 86 | SCHOLARSHIP |
|  | 87 | PROBSK |
|  | 88 | TEAM |
|  | 89 |  |
|  | 90 |  |
| 16 | 91 | GRADES |
|  | 92 | SCHOLARSHIP |
|  | 93 | PROBSK |
|  | 94 | RESMENTOR |
|  | 95 |  |
|  | 96 |  |
| 17 | 97 | GRADES |
|  | 98 | SCHOLARSHIP |
|  | 99 | PROBSK |
|  | 100 | RESMENTOR |
|  | 101 |  |
|  | 102 |  |
| 18 | 103 | GRADES |
|  | 104 | SCHOLARSHIP |
|  | 105 |  |
|  | 106 |  |
|  | 107 |  |
|  | 108 |  |