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| BOÄ GIAÙO DUÏC VAØ ÑAØO TAÏO TRÖÔØNG ÑAÏI HOÏC COÂNG NGHEÄ SAØI GOØN KHOA KYÕ THUAÄT COÂNG TRÌNH | ÑOÀ AÙN NEÀN MOÙNG HEÄ Đại học – NH: 2016-2017  D14Xd2 & D12, D13 |



**MAËT BAÈNG COÂNG TRÌNH**

N2 (D14XD2 & D12, D13)

### ÑEÀ ÑOÀ AÙN NEÀN MOÙNG

D14XD2 & D12,D13

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| STT | ÑEÀ SOÁ | Ntt(T) | Mtt(Tm) | Qtt(T) | L1(m) | L2(m) | L3(m) | ÑÒA CHAÁT |
| 01 | 1-A | 184 | 5.8 | 5.5 | 4.4 | 7.6 | 2.5 | 1 |
| 02 | 1-B | 180 | 4.7 | 5.3 | 4.6 | 7.8 | 2.6 | 2 |
| 03 | 1-C | 175 | 4.3 | 3.5 | 4.8 | 8 | 2.4 | 3 |
| 04 | 1-D | 184 | 5.5 | 5.5 | 5.0 | 7.6 | 2.3 | 4 |
| 05 | 2-A | 192 | 7.5 | 4.5 | 5.2 | 7.8 | 2.7 | 5 |
| 06 | 2-B | 189 | 7.6 | 3.4 | 5.4 | 6.8 | 2.8 | 6 |
| 07 | 2-C | 184 | 6.1 | 3.8 | 4.1 | 6.6 | 2.6 | 1 |
| 08 | 2-D | 192 | 5.8 | 3.8 | 4.3 | 6.4 | 3.0 | 2 |
| 09 | 3-A | 189 | 7.5 | 3.2 | 4.5 | 6.2 | 2.4 | 3 |
| 10 | 3-B | 184 | 7.6 | 3.6 | 4.7 | 7.6 | 2.6 | 4 |
| 11 | 3-C | 192 | 5.4 | 3.5 | 4.9 | 7.4 | 2.8 | 5 |
| 12 | 3-D | 189 | 5.8 | 3.3 | 5.1 | 7.8 | 2.2 | 6 |
| 13 | 4-A | 140 | 5.4 | 5.5 | 5.3 | 6.9 | 2.4 | 1 |
| 14 | 4-B | 115 | 7.5 | 3.4 | 5.5 | 6.8 | 2.3 | 2 |
| 15 | 4-C | 140 | 7.6 | 3.8 | 4.1 | 6.6 | 3.0 | 1 |
| 16 | 4-D | 145 | 6.4 | 3.2 | 4.3 | 6.4 | 2.4 | 2 |
| 17 | 5-A | 145 | 6.1 | 3.6 | 4.5 | 6.2 | 2.2 | 3 |
| 18 | 5-B | 145 | 4 | 3.5 | 4.7 | 6.9 | 2.6 | 4 |
| 19 | 5-C | 140 | 3.6 | 3.3 | 4.5 | 7.4 | 2.8 | 5 |
| 20 | 5-D | 130 | 5.5 | 5.5 | 4.5 | 7.8 | 2.4 | 6 |
| 21 | 6-A | 125 | 7.5 | 3.3 | 5.4 | 6.6 | 2.8 | 1 |
| 22 | 6-B | 140 | 5.8 | 5.5 | 4.1 | 6.4 | 2.5 | 2 |
| 23 | 6-C | 150 | 5.4 | 3.4 | 5.1 | 6.2 | 3.0 | 3 |
| 24 | 6-D | 155 | 7.5 | 3.8 | 5.3 | 6.9 | 2.4 | 4 |
| 25 | 7-A | 160 | 7.6 | 3.2 | 5.5 | 7.4 | 2.3 | 5 |
| 26 | 7-B | 157 | 6.4 | 3.6 | 4.1 | 7.6 | 3.0 | 6 |
| 27 | 1-A | 192 | 6.1 | 5.3 | 4.9 | 7.4 | 2.5 | 1 |
| 28 | 1-B | 189 | 4 | 3.5 | 5.1 | 7.6 | 2.6 | 2 |
| 29 | 1-C | 189 | 4.1 | 5.5 | 4.4 | 7.8 | 2.4 | 3 |
| 30 | 1-D | 180 | 5.8 | 4.5 | 4.6 | 8 | 2.3 | 4 |
| 31 | 2-A | 175 | 5.4 | 3.4 | 4.8 | 7.2 | 2.7 | 5 |
| 32 | 2-B | 184 | 7.5 | 3.3 | 5.0 | 7.6 | 2.8 | 6 |
| 33 | 2-C | 192 | 7.6 | 3.8 | 5.2 | 7.8 | 2.9 | 1 |
| 34 | 2-D | 189 | 6.4 | 3.4 | 5.4 | 6.8 | 2.8 | 2 |
| 35 | 2-C | 184 | 6.1 | 3.3 | 4.1 | 6.6 | 2.9 | 3 |
| 36 | 2-D | 192 | 4 | 3.8 | 4.3 | 7.6 | 3.0 | 4 |
| 37 | 1-A | 184 | 4.1 | 5.5 | 4.4 | 7.8 | 2.5 | 1 |
| 38 | 1-B | 180 | 4.7 | 5.3 | 4.6 | 8 | 2.6 | 2 |
| 39 | 1-C | 175 | 4.3 | 3.5 | 4.8 | 7.2 | 2.4 | 3 |
| 40 | 1-D | 184 | 5.5 | 5.5 | 5.0 | 7.6 | 2.3 | 4 |
| 41 | 2-A | 192 | 7.5 | 4.5 | 5.2 | 7.8 | 2.7 | 5 |
| 42 | 2-B | 189 | 7.6 | 3.4 | 5.4 | 6.8 | 2.8 | 6 |
| 43 | 2-C | 184 | 6.1 | 3.3 | 4.1 | 6.6 | 2.9 | 1 |
| 44 | 2-D | 192 | 5.8 | 3.8 | 4.3 | 6.4 | 3.0 | 2 |
| 45 | 3-A | 189 | 7.5 | 3.2 | 4.5 | 6.2 | 2.4 | 3 |
| 46 | 3-B | 184 | 7.6 | 3.6 | 4.7 | 7.6 | 2.6 | 4 |
| 47 | 3-C | 192 | 6.1 | 3.5 | 4.9 | 7.4 | 2.8 | 5 |
| 48 | 3-D | 189 | 5.8 | 3.3 | 5.1 | 7.8 | 2.2 | 6 |
| 49 | 4-A | 140 | 5.4 | 5.5 | 5.3 | 6.9 | 2.4 | 1 |
| 50 | 4-B | 115 | 7.5 | 3.4 | 5.5 | 6.8 | 2.3 | 2 |
| 51 | 4-C | 140 | 7.6 | 3.8 | 4.1 | 6.6 | 3.0 | 1 |
| 52 | 4-D | 145 | 6.4 | 3.2 | 4.3 | 6.4 | 2.4 | 2 |
| 53 | 5-A | 145 | 6.1 | 3.6 | 4.5 | 6.2 | 2.2 | 3 |
| 54 | 5-B | 145 | 4 | 3.5 | 4.7 | 6.9 | 2.6 | 4 |
| 55 | 5-C | 140 | 3.6 | 3.3 | 4.5 | 7.4 | 2.8 | 5 |
| 56 | 5-D | 130 | 5.5 | 5.5 | 4.5 | 7.8 | 2.4 | 6 |
| 57 | 6-A | 125 | 7.5 | 3.3 | 5.4 | 6.6 | 2.8 | 1 |
| 58 | 6-B | 140 | 5.8 | 5.5 | 4.1 | 6.4 | 2.5 | 2 |
| 59 | 6-C | 150 | 5.4 | 3.4 | 5.1 | 6.2 | 3.0 | 3 |
| 60 | 6-D | 155 | 7.5 | 3.8 | 5.3 | 6.9 | 2.4 | 4 |
| 61 | 7-A | 160 | 7.6 | 3.2 | 5.5 | 7.4 | 2.3 | 5 |
| 62 | 7-B | 157 | 6.4 | 3.6 | 4.1 | 7.6 | 3.0 | 6 |
| 63 | 1-A | 192 | 6.1 | 5.3 | 4.9 | 7.4 | 2.5 | 1 |
| 64 | 1-B | 189 | 4 | 3.5 | 5.1 | 7.6 | 2.6 | 2 |
| 65 | 1-C | 189 | 5.8 | 5.5 | 4.4 | 7.8 | 2.4 | 3 |
| 66 | 1-D | 180 | 5.4 | 4.5 | 4.6 | 8 | 2.3 | 4 |
| 67 | 2-A | 175 | 7.5 | 3.4 | 4.8 | 7.2 | 2.7 | 5 |
| 68 | 2-B | 184 | 7.6 | 3.3 | 5.0 | 7.6 | 2.8 | 6 |
| 69 | 2-C | 192 | 6.4 | 3.8 | 5.2 | 7.8 | 2.9 | 1 |
| 70 | 2-D | 189 | 6.1 | 3.4 | 5.4 | 6.8 | 2.8 | 2 |
| 71 | 3-A | 184 | 4 | 3.3 | 4.1 | 6.8 | 2.9 | 3 |
| 72 | 3-B | 192 | 4.1 | 3.8 | 4.3 | 6.6 | 3.0 | 4 |
| 73 | 3-C | 192 | 6.4 | 3.8 | 5.2 | 7.8 | 2.9 | 5 |
| 74 | 3-D | 180 | 5.4 | 4.5 | 4.6 | 8 | 2.3 | 6 |
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*GHI CHUÙ:*

* Chieàu cuûa moment vaø chieàu cuûa löïc ngang sinh vieân töï choïn, vò trí löïc taùc duïng laø maët moùng.
* Thuyeát minh theå hieän treân khoå giaáy A4, baûn veõ khoå A1.