Louvain [resolution=0.5] [U]

# Group 1

|  |  |  |
| --- | --- | --- |
| CA | Curé, Digne | 0 |
| CB | Mountain curé | 0 |
| CD | Condemned to death | 0 |
| CL | Countess de Lô | 0 |
| CV | Cravatte | 0 |
| GE | Géborand | 0 |
| GG | Conventionist | 0 |
| HD | Hospital director | 0 |
| MB | Mlle Baptistine | 0 |
| MC | Champtercier | 0 |
| ME | Mme Magloire | 0 |
| MH | Chastelar mayor | 0 |
| MS | Mayor of Senez | 0 |
| MY | Bishop Myriel | 0 |
| NP | Napoleon | 0 |
| SB | Shepherd boy | 0 |
| SN | Senator | 0 |
| TR | Three gendarmes | 0 |
| VB | Mme Boischevron | 0 |

# Group 2

|  |  |  |
| --- | --- | --- |
| AA | Arras lawyer | 1 |
| BC | Booking clerk | 1 |
| BH | Stable boy | 1 |
| BI | Bailiff | 1 |
| BS | Boatswain | 1 |
| BW | Wheelright | 1 |
| CE | Arras coachman | 1 |
| CF | Montfermeuil coachman | 1 |
| CY | Concierge, l'Homme Armé | 1 |
| CZ | Concierge's husband | 1 |
| DH | Duc d'Havré | 1 |
| DJ | Doctor, Valjean | 1 |
| DM | Dowager M-s-M | 1 |
| DO | Foreman, Grasse | 1 |
| FM | Fisherman, Digne | 1 |
| GD | Gendarme, Digne | 1 |
| IK | Innkeeper's wife | 1 |
| IS | Isabeau | 1 |
| JD | Jailer, Digne | 1 |
| JL | Labarre | 1 |
| JV | Jean Valjean | 1 |
| KA | Toll keeper | 1 |
| KB | Kitchen boy | 1 |
| KT | Tavern keeper | 1 |
| LL | Landlady, Gorbeau | 1 |
| LP | Louis-Philippe | 1 |
| LR | Arras hotel keeper | 1 |
| MD | Marie-Claude | 1 |
| MR | Marquise de R | 1 |
| PD | Digne peasant | 1 |
| PE | Peasant's wife | 1 |
| PG | Petit Gervais | 1 |
| PH | Priest, Digne | 1 |
| PR | Prison guard | 1 |
| PT | Postillion | 1 |
| RA | Arras resident | 1 |
| RM | Road mender | 1 |
| SC | M. Scaufflaire | 1 |
| SD | Scaufflaire's wife | 1 |
| SE | Saint Pol Servant girl | 1 |
| SO | Soldiers | 1 |
| TE | German teamster | 1 |
| TS | Toussaint | 1 |
| WH | Old woman | 1 |
| WI | Old woman's son | 1 |

# Group 3

|  |  |  |
| --- | --- | --- |
| JM | Valjean's sister | 2 |
| JN | Sister's son | 2 |
| KD | Door keeper | 2 |

# Group 4

|  |  |  |
| --- | --- | --- |
| AZ | Azelma | 3 |
| BB | Babet | 3 |
| BJ | Brujon | 3 |
| BZ | Boulatruelle | 3 |
| DU | Deuxmilliards | 3 |
| EP | Eponine | 3 |
| GF | Guard, La Force | 3 |
| GU | Gueulemer | 3 |
| JA | Javert | 3 |
| MO | Montparnasse | 3 |
| PC | Porter, barricade | 3 |
| PN | Panchaud | 3 |
| QU | Claquesous | 3 |
| SG | Police sergeant M-s-M | 3 |
| TH | Thénardier | 3 |
| TM | Mme Thénardier | 3 |
| VI | Mme Victurnien | 3 |

# Group 5

|  |  |  |
| --- | --- | --- |
| BM | Bamatabois | 4 |
| BR | Brevet | 4 |
| CC | Cochepaille | 4 |
| CH | Champmathieu | 4 |
| CK | Defense counsel | 4 |
| CN | Chenildieu | 4 |
| JU | Judge | 4 |
| PA | Prosecuting attorney | 4 |

# Group 6

|  |  |  |
| --- | --- | --- |
| AM | Abbé Mabeuf | 5 |
| BT | Baroness de T | 5 |
| CG | Parisian coachman | 5 |
| CJ | Javert's coachman | 5 |
| DV | Doctor, Vernon | 5 |
| GP | Colonel Pontmercy | 5 |
| LA | Count Lamothe | 5 |
| MA | Marius | 5 |
| MP | Mme Pontmercy | 5 |
| PS | Porter, r. de l'Ouest | 5 |
| SR | Marius's servant | 5 |
| SW | Sewermen | 5 |
| WP | Pontmercy's servant | 5 |

# Group 7

|  |  |  |
| --- | --- | --- |
| BA | Bahorel | 6 |
| BO | Bossuet | 6 |
| CM | Combeferre | 6 |
| CP | Card player | 6 |
| CR | Courfeyrac | 6 |
| CW | Concierge, Verrerie | 6 |
| EN | Enjolras | 6 |
| FE | Feuilly | 6 |
| GB | Gibolette | 6 |
| GN | Gardener | 6 |
| GT | Grantaire | 6 |
| GV | Government troops | 6 |
| HL | Mme Hucheloup | 6 |
| IW | Insurgent workers | 6 |
| JO | Joly | 6 |
| JP | Prouvaire | 6 |
| ML | Matelotte | 6 |
| MM | M. Mabeuf | 6 |
| NA | Navet | 6 |
| PL | Mother Plutarch | 6 |
| WA | Anonymous worker | 6 |

# Group 8

|  |  |  |
| --- | --- | --- |
| BK | Paris baker | 7 |
| BU | Mme Burgon | 7 |
| DN | Dandy | 7 |
| DR | Drunk coachman | 7 |
| GA | Gavroche | 7 |
| GL | Poor girl | 7 |
| GS | Secondhand dealer | 7 |
| RP | Ragpicker | 7 |
| SI | Sergeant, Imprimérie | 7 |
| TC | Three concierges | 7 |

# Group 9

|  |  |  |
| --- | --- | --- |
| BF | Babet's girlfriend | 8 |
| BG | Paris barber | 8 |
| BX | Bourgeois man | 8 |
| BY | Bourgeois son | 8 |
| MN | Magnon | 8 |
| OS | Old soldier | 8 |
| XA | Older child | 8 |
| XB | Younger child | 8 |

# Group 10

|  |  |  |
| --- | --- | --- |
| BL | Blachevelle | 9 |
| DA | Dahlia | 9 |
| DS | Doctor M-s-M | 9 |
| FA | Fameuil | 9 |
| FB | Barber | 9 |
| FD | Furniture seller | 9 |
| FL | Landlord | 9 |
| FN | Fantine | 9 |
| FT | Tholomyès | 9 |
| FV | Favourite | 9 |
| ID | Itinerant dentist | 9 |
| LI | Listolier | 9 |
| MT | Marguerite | 9 |
| NT | Thénardiers' neighbor | 9 |
| SF | Factory supervisor | 9 |
| SM | Hospital servant | 9 |
| SP | Sister Perpétue | 9 |
| SS | Sister Simplice | 9 |
| WB | Waiter | 9 |
| ZE | Zephine | 9 |

# Group 11

|  |  |  |
| --- | --- | --- |
| BQ | Basque | 11 |
| CO | Cosette | 11 |
| CX | Concierge, Gillenormand | 11 |
| DG | Doctor, Gillenormand | 11 |
| FF | Fauchelevent | 11 |
| GI | M. Gillenormand | 11 |
| GR | Gribier | 11 |
| MG | Mlle Gillenormand | 11 |
| MI | Mother Innocent | 11 |
| MV | Mlle Vaubois | 11 |
| NI | Nicolette | 11 |
| PZ | Peddler | 11 |
| TG | Théodule | 11 |

# Group 12

|  |  |  |
| --- | --- | --- |
| CI | Cashier | 10 |
| PO | Portress, M-s-M | 10 |

# Group 13

|  |  |  |
| --- | --- | --- |
| MU | Minister of agriculture | 12 |
| MW | Minister's wife | 12 |

Spin-glass [gamma=1.5] [U]

# Group 1

|  |  |  |
| --- | --- | --- |
| BB | Babet | 2 |
| BJ | Brujon | 2 |
| BZ | Boulatruelle | 2 |
| DU | Deuxmilliards | 2 |
| GF | Guard, La Force | 2 |
| GU | Gueulemer | 2 |
| MO | Montparnasse | 2 |
| PC | Porter, barricade | 2 |
| PN | Panchaud | 2 |
| QU | Claquesous | 2 |

# Group 2

|  |  |  |
| --- | --- | --- |
| BI | Bailiff | 3 |
| BM | Bamatabois | 3 |
| BR | Brevet | 3 |
| CC | Cochepaille | 3 |
| CH | Champmathieu | 3 |
| CK | Defense counsel | 3 |
| CN | Chenildieu | 3 |
| JU | Judge | 3 |
| PA | Prosecuting attorney | 3 |

# Group 3

|  |  |  |
| --- | --- | --- |
| BU | Mme Burgon | 6 |
| CI | Cashier | 6 |
| CJ | Javert's coachman | 6 |
| JA | Javert | 6 |
| PO | Portress, M-s-M | 6 |
| SG | Police sergeant M-s-M | 6 |
| SO | Soldiers | 6 |

# Group 4

|  |  |  |
| --- | --- | --- |
| CA | Curé, Digne | 7 |
| CB | Mountain curé | 7 |
| CD | Condemned to death | 7 |
| CL | Countess de Lô | 7 |
| CV | Cravatte | 7 |
| GE | Géborand | 7 |
| GG | Conventionist | 7 |
| HD | Hospital director | 7 |
| MB | Mlle Baptistine | 7 |
| MC | Champtercier | 7 |
| ME | Mme Magloire | 7 |
| MH | Chastelar mayor | 7 |
| MS | Mayor of Senez | 7 |
| MY | Bishop Myriel | 7 |
| SB | Shepherd boy | 7 |
| SN | Senator | 7 |
| TR | Three gendarmes | 7 |
| VB | Mme Boischevron | 7 |

# Group 5

|  |  |  |
| --- | --- | --- |
| JM | Valjean's sister | 9 |
| JN | Sister's son | 9 |
| KD | Door keeper | 9 |

# Group 6

|  |  |  |
| --- | --- | --- |
| GB | Gibolette | 10 |
| HL | Mme Hucheloup | 10 |
| ML | Matelotte | 10 |

# Group 7

|  |  |  |
| --- | --- | --- |
| BF | Babet's girlfriend | 11 |
| BG | Paris barber | 11 |
| BX | Bourgeois man | 11 |
| BY | Bourgeois son | 11 |
| MN | Magnon | 11 |
| OS | Old soldier | 11 |
| XA | Older child | 11 |
| XB | Younger child | 11 |

# Group 8

|  |  |  |
| --- | --- | --- |
| AA | Arras lawyer | 12 |
| BC | Booking clerk | 12 |
| BH | Stable boy | 12 |
| BQ | Basque | 12 |
| BS | Boatswain | 12 |
| BW | Wheelright | 12 |
| CE | Arras coachman | 12 |
| CF | Montfermeuil coachman | 12 |
| CG | Parisian coachman | 12 |
| CO | Cosette | 12 |
| CX | Concierge, Gillenormand | 12 |
| DG | Doctor, Gillenormand | 12 |
| DM | Dowager M-s-M | 12 |
| DO | Foreman, Grasse | 12 |
| FF | Fauchelevent | 12 |
| FM | Fisherman, Digne | 12 |
| GD | Gendarme, Digne | 12 |
| GI | M. Gillenormand | 12 |
| GR | Gribier | 12 |
| IK | Innkeeper's wife | 12 |
| IS | Isabeau | 12 |
| JD | Jailer, Digne | 12 |
| JL | Labarre | 12 |
| JV | Jean Valjean | 12 |
| KA | Toll keeper | 12 |
| KB | Kitchen boy | 12 |
| KT | Tavern keeper | 12 |
| LL | Landlady, Gorbeau | 12 |
| LR | Arras hotel keeper | 12 |
| MA | Marius | 12 |
| MD | Marie-Claude | 12 |
| MG | Mlle Gillenormand | 12 |
| MI | Mother Innocent | 12 |
| MR | Marquise de R | 12 |
| MV | Mlle Vaubois | 12 |
| NI | Nicolette | 12 |
| PG | Petit Gervais | 12 |
| PH | Priest, Digne | 12 |
| PR | Prison guard | 12 |
| PS | Porter, r. de l'Ouest | 12 |
| PT | Postillion | 12 |
| RA | Arras resident | 12 |
| RM | Road mender | 12 |
| SE | Saint Pol Servant girl | 12 |
| SR | Marius's servant | 12 |
| SW | Sewermen | 12 |
| TE | German teamster | 12 |
| TG | Théodule | 12 |
| TS | Toussaint | 12 |
| WH | Old woman | 12 |
| WI | Old woman's son | 12 |

# Group 9

|  |  |  |
| --- | --- | --- |
| AZ | Azelma | 14 |
| EP | Eponine | 14 |
| PZ | Peddler | 14 |
| TH | Thénardier | 14 |
| TM | Mme Thénardier | 14 |
| VI | Mme Victurnien | 14 |

# Group 10

|  |  |  |
| --- | --- | --- |
| CY | Concierge, l'Homme Armé | 15 |
| CZ | Concierge's husband | 15 |
| DJ | Doctor, Valjean | 15 |

# Group 11

|  |  |  |
| --- | --- | --- |
| BL | Blachevelle | 16 |
| DA | Dahlia | 16 |
| DS | Doctor M-s-M | 16 |
| FA | Fameuil | 16 |
| FB | Barber | 16 |
| FD | Furniture seller | 16 |
| FL | Landlord | 16 |
| FN | Fantine | 16 |
| FT | Tholomyès | 16 |
| FV | Favourite | 16 |
| ID | Itinerant dentist | 16 |
| LI | Listolier | 16 |
| MT | Marguerite | 16 |
| NT | Thénardiers' neighbor | 16 |
| SF | Factory supervisor | 16 |
| SM | Hospital servant | 16 |
| SP | Sister Perpétue | 16 |
| SS | Sister Simplice | 16 |
| WB | Waiter | 16 |
| ZE | Zephine | 16 |

# Group 12

|  |  |  |
| --- | --- | --- |
| AM | Abbé Mabeuf | 17 |
| DV | Doctor, Vernon | 17 |
| GP | Colonel Pontmercy | 17 |
| MP | Mme Pontmercy | 17 |
| NP | Napoleon | 17 |
| WP | Pontmercy's servant | 17 |

# Group 13

|  |  |  |
| --- | --- | --- |
| BA | Bahorel | 19 |
| BK | Paris baker | 19 |
| BO | Bossuet | 19 |
| CM | Combeferre | 19 |
| CP | Card player | 19 |
| CR | Courfeyrac | 19 |
| CW | Concierge, Verrerie | 19 |
| DN | Dandy | 19 |
| DR | Drunk coachman | 19 |
| EN | Enjolras | 19 |
| FE | Feuilly | 19 |
| GA | Gavroche | 19 |
| GL | Poor girl | 19 |
| GN | Gardener | 19 |
| GS | Secondhand dealer | 19 |
| GT | Grantaire | 19 |
| GV | Government troops | 19 |
| IW | Insurgent workers | 19 |
| JO | Joly | 19 |
| JP | Prouvaire | 19 |
| MM | M. Mabeuf | 19 |
| NA | Navet | 19 |
| PL | Mother Plutarch | 19 |
| SI | Sergeant, Imprimérie | 19 |
| WA | Anonymous worker | 19 |

# Group 14

|  |  |  |
| --- | --- | --- |
| SC | M. Scaufflaire | 18 |
| SD | Scaufflaire's wife | 18 |

# Group 15

|  |  |  |
| --- | --- | --- |
| BT | Baroness de T | 13 |
| LA | Count Lamothe | 13 |

# Group 16

|  |  |  |
| --- | --- | --- |
| RP | Ragpicker | 8 |
| TC | Three concierges | 8 |

# Group 17

|  |  |  |
| --- | --- | --- |
| DH | Duc d'Havré | 5 |
| LP | Louis-Philippe | 5 |

# Group 18

|  |  |  |
| --- | --- | --- |
| PD | Digne peasant | 4 |
| PE | Peasant's wife | 4 |

# Group 19

|  |  |  |
| --- | --- | --- |
| MU | Minister of agriculture | 1 |
| MW | Minister's wife | 1 |

Fast-greedy [U]

# Group 1

|  |  |  |
| --- | --- | --- |
| AM | Abbé Mabeuf | 1 |
| BA | Bahorel | 1 |
| BK | Paris baker | 1 |
| BO | Bossuet | 1 |
| BU | Mme Burgon | 1 |
| CG | Parisian coachman | 1 |
| CM | Combeferre | 1 |
| CP | Card player | 1 |
| CR | Courfeyrac | 1 |
| CW | Concierge, Verrerie | 1 |
| DN | Dandy | 1 |
| DR | Drunk coachman | 1 |
| DV | Doctor, Vernon | 1 |
| EN | Enjolras | 1 |
| FE | Feuilly | 1 |
| GA | Gavroche | 1 |
| GB | Gibolette | 1 |
| GL | Poor girl | 1 |
| GN | Gardener | 1 |
| GP | Colonel Pontmercy | 1 |
| GS | Secondhand dealer | 1 |
| GT | Grantaire | 1 |
| GV | Government troops | 1 |
| HL | Mme Hucheloup | 1 |
| IW | Insurgent workers | 1 |
| JO | Joly | 1 |
| JP | Prouvaire | 1 |
| MA | Marius | 1 |
| ML | Matelotte | 1 |
| MM | M. Mabeuf | 1 |
| MP | Mme Pontmercy | 1 |
| MU | Minister of agriculture | 1 |
| MW | Minister's wife | 1 |
| NA | Navet | 1 |
| PL | Mother Plutarch | 1 |
| RP | Ragpicker | 1 |
| SI | Sergeant, Imprimérie | 1 |
| SR | Marius's servant | 1 |
| TC | Three concierges | 1 |
| WA | Anonymous worker | 1 |
| WP | Pontmercy's servant | 1 |

# Group 2

|  |  |  |
| --- | --- | --- |
| AA | Arras lawyer | 2 |
| BC | Booking clerk | 2 |
| BH | Stable boy | 2 |
| BI | Bailiff | 2 |
| BM | Bamatabois | 2 |
| BR | Brevet | 2 |
| BS | Boatswain | 2 |
| BW | Wheelright | 2 |
| CC | Cochepaille | 2 |
| CE | Arras coachman | 2 |
| CF | Montfermeuil coachman | 2 |
| CH | Champmathieu | 2 |
| CI | Cashier | 2 |
| CJ | Javert's coachman | 2 |
| CK | Defense counsel | 2 |
| CN | Chenildieu | 2 |
| CY | Concierge, l'Homme Armé | 2 |
| CZ | Concierge's husband | 2 |
| DH | Duc d'Havré | 2 |
| DJ | Doctor, Valjean | 2 |
| DM | Dowager M-s-M | 2 |
| DO | Foreman, Grasse | 2 |
| FM | Fisherman, Digne | 2 |
| GD | Gendarme, Digne | 2 |
| IK | Innkeeper's wife | 2 |
| IS | Isabeau | 2 |
| JD | Jailer, Digne | 2 |
| JL | Labarre | 2 |
| JU | Judge | 2 |
| JV | Jean Valjean | 2 |
| KA | Toll keeper | 2 |
| KB | Kitchen boy | 2 |
| KT | Tavern keeper | 2 |
| LP | Louis-Philippe | 2 |
| LR | Arras hotel keeper | 2 |
| MD | Marie-Claude | 2 |
| MR | Marquise de R | 2 |
| PA | Prosecuting attorney | 2 |
| PD | Digne peasant | 2 |
| PE | Peasant's wife | 2 |
| PG | Petit Gervais | 2 |
| PH | Priest, Digne | 2 |
| PO | Portress, M-s-M | 2 |
| PR | Prison guard | 2 |
| PS | Porter, r. de l'Ouest | 2 |
| PT | Postillion | 2 |
| RA | Arras resident | 2 |
| RM | Road mender | 2 |
| SC | M. Scaufflaire | 2 |
| SD | Scaufflaire's wife | 2 |
| SE | Saint Pol Servant girl | 2 |
| SO | Soldiers | 2 |
| SW | Sewermen | 2 |
| TE | German teamster | 2 |
| WH | Old woman | 2 |
| WI | Old woman's son | 2 |

# Group 3

|  |  |  |
| --- | --- | --- |
| BF | Babet's girlfriend | 3 |
| BG | Paris barber | 3 |
| BQ | Basque | 3 |
| BT | Baroness de T | 3 |
| BX | Bourgeois man | 3 |
| BY | Bourgeois son | 3 |
| CX | Concierge, Gillenormand | 3 |
| DG | Doctor, Gillenormand | 3 |
| GI | M. Gillenormand | 3 |
| LA | Count Lamothe | 3 |
| MG | Mlle Gillenormand | 3 |
| MN | Magnon | 3 |
| MV | Mlle Vaubois | 3 |
| NI | Nicolette | 3 |
| OS | Old soldier | 3 |
| TG | Théodule | 3 |
| XA | Older child | 3 |
| XB | Younger child | 3 |

# Group 4

|  |  |  |
| --- | --- | --- |
| AZ | Azelma | 4 |
| BB | Babet | 4 |
| BJ | Brujon | 4 |
| BZ | Boulatruelle | 4 |
| CO | Cosette | 4 |
| DU | Deuxmilliards | 4 |
| EP | Eponine | 4 |
| FF | Fauchelevent | 4 |
| GF | Guard, La Force | 4 |
| GR | Gribier | 4 |
| GU | Gueulemer | 4 |
| JA | Javert | 4 |
| LL | Landlady, Gorbeau | 4 |
| MI | Mother Innocent | 4 |
| MO | Montparnasse | 4 |
| PC | Porter, barricade | 4 |
| PN | Panchaud | 4 |
| PZ | Peddler | 4 |
| QU | Claquesous | 4 |
| SG | Police sergeant M-s-M | 4 |
| TH | Thénardier | 4 |
| TM | Mme Thénardier | 4 |
| TS | Toussaint | 4 |
| VI | Mme Victurnien | 4 |

# Group 5

|  |  |  |
| --- | --- | --- |
| CA | Curé, Digne | 5 |
| CB | Mountain curé | 5 |
| CD | Condemned to death | 5 |
| CL | Countess de Lô | 5 |
| CV | Cravatte | 5 |
| GE | Géborand | 5 |
| GG | Conventionist | 5 |
| HD | Hospital director | 5 |
| MB | Mlle Baptistine | 5 |
| MC | Champtercier | 5 |
| ME | Mme Magloire | 5 |
| MH | Chastelar mayor | 5 |
| MS | Mayor of Senez | 5 |
| MY | Bishop Myriel | 5 |
| NP | Napoleon | 5 |
| SB | Shepherd boy | 5 |
| SN | Senator | 5 |
| TR | Three gendarmes | 5 |
| VB | Mme Boischevron | 5 |

# Group 6

|  |  |  |
| --- | --- | --- |
| BL | Blachevelle | 6 |
| DA | Dahlia | 6 |
| DS | Doctor M-s-M | 6 |
| FA | Fameuil | 6 |
| FB | Barber | 6 |
| FD | Furniture seller | 6 |
| FL | Landlord | 6 |
| FN | Fantine | 6 |
| FT | Tholomyès | 6 |
| FV | Favourite | 6 |
| ID | Itinerant dentist | 6 |
| LI | Listolier | 6 |
| MT | Marguerite | 6 |
| NT | Thénardiers' neighbor | 6 |
| SF | Factory supervisor | 6 |
| SM | Hospital servant | 6 |
| SP | Sister Perpétue | 6 |
| SS | Sister Simplice | 6 |
| WB | Waiter | 6 |
| ZE | Zephine | 6 |

# Group 7

|  |  |  |
| --- | --- | --- |
| JM | Valjean's sister | 7 |
| JN | Sister's son | 7 |
| KD | Door keeper | 7 |