

>> NO TALKING DURING THE HORTICULTURE CDE

Team/School ID _____

>> PARTICIPANTS USE THE SAME SCANTRON SHEET
FOR THE ENTIRE EVENT

Student Code _____

2009 IAVAT HORTICULTURE Career Development Event

Directions to participants. Each participant should have a clipboard and two pencils. Put the Scantron sheet on the clipboard, fill in the required information (listed below), and cover it with these directions sheets.

1. The team number is your chapter number, just drop the IL.
2. The Code should be
 - a. 1 for the "Sheet"
 - b. 1 for the "Test"
 - c. 1 for the "Team"
 - d. and the Contestant number is the "Student"

Placings classes. There are 8 placings classes in the Horticulture CDE. Use the front of the Scantron sheet. You have 35 minutes for classes 1 to 8. Placing classes are worth 25 points each for a total of 200 points.

Class 1 = cut flowers

Class 2 = flowering container plants I

Class 3 = flowering container plants II

Class 4 = foliage plants

Class 5 = ground covers

Class 6 = deciduous trees or shrubs

Class 7 = evergreen trees, shrubs, or broadleaf plants I

Class 8 = evergreen trees, shrubs, or broadleaf plants II

Identification. There is 1 identification class of 50 specimens in the Horticulture CDE. You have 35 minutes for identification and it is worth 300 points.

Class 9 = identification – use the top block of 50 specimens on the back of the Scantron sheet

Use the list on pages 2 and 3 of these directions for marking the identification class. If you have questions, consult your group leader.

Written exam. There is a 50-question written exam consisting of multiple-choice and true/false questions. You have 35 minutes to complete the written exam and it is worth 100 points.

Class 10 = written exam – use the Exam area on the front of the Scantron sheet

Floriculture practicum. There is a floriculture practicum worth 100 points. You will have 35 minutes to complete the floriculture practicum.

Class 11 = floriculture practicum – this will be hand scored by judges

Landscape practicum. There is a landscape practicum worth 100 points. You will have 35 minutes to complete the landscape practicum.

Class 12 = landscape practicum – use the Exam 2/Team area on the front of the Scantron sheet

BULBS, UNDERGROUND STEMS, OR PLANTS

- 101 Amaryllis
- 102 Caladium
- 103 Canna
- 104 Crocus
- 105 Dahlia
- 106 Gladiolus
- 107 Hyacinth
- 108 Bearded Iris
- 109 Lily
- 110 Narcissus
- 111 Tuberous Begonia
- 112 Tulip

BEDDING PLANTS

- 113 Ageratum, *Ageratum houstonianum*
- 114 Cabbage, *Brassica oleraceae* v. *capitata*
- 115 Celosia, *Celosia* species
- 116 Coleus, *Coleus* species
- 117 Dusty Miller, *Senecio cineraria*
- 118 Green Pepper, *Capsicum grossum*
- 119 Impatiens, *Impatiens wallerana*
- 120 Ivy Geranium, *Pelargonium peltatum*
- 121 Lobelia, *Lobelia erinus*
- 122 Marigold, *Tagetes* species
- 123 Moss Rose, *Portulaca grandiflora*
- 124 New Guinea Impatiens, *Impatiens* species
- 125 Pansy, *Viola x wittrockiana*
- 126 Periwinkle, *Catharanthus roseus*
- 127 Petunia, *Petunia x hybrida*
- 128 Regal Geranium, *Pelargonium x domesticum*
- 129 Salvia, *Salvia splendens*
- 130 Snapdragon, *Antirrhinum majus*
- 131 Sweet Alyssum, *Lobularia maritima*
- 132 Tomato, *Lycopersicon esculentum*
- 133 Wax or Fibrous-rooted Begonia, *Begonia x semperflorens-cultorum*
- 134 Zinnia, *Zinnia elegans*
- 135 Zonal Geranium, *Pelargonium x hortorum*

FOLIAGE PLANTS

- 136 Aloe Vera, *Aloe barbadensis*
- 137 Aluminum Plant, *Pilea cadierei*
- 138 Artillery Plant, *Pilea microphylla*
- 139 Boston Fern, *Nephrolepis exaltata*
'Bostoniensis'
- 140 Chinese Evergreen, *Aglaonema modestum*
- 141 Corn Plant, *Dracaena fragrans*
- 142 Creeping Charley, *Pilea nummulariifolia*
- 143 Creeping Fig, *Ficus pumila*
- 144 Croton, *Codiaeum variegatum pictum*
- 145 Devil's Ivy, *Epipremnum aureum*
- 146 Dumbcane, *Dieffenbachia* species
- 147 Emerald Ripple Peperomia, *Peperomia caperata*
'Emerald Ripple'
- 148 False Aralia, *Dizygotheca elegantissima*
- 149 Friendship Plant, *Pilea involucrata*
- 150 Grape Ivy, *Cissus rhombifolia*
- 151 Hawaiian or Dwarf Schefflera, *Brassaia arboricola* (*Schefflera arboricola*)
- 152 Heartleaf Philodendron, *Philodendron scandenoxycardium*
- 153 Jade Plant, *Crassula ovata*
- 154 Mother-in-law's Tongue, *Sansevieria trifasciata*
- 155 Nephthytis or Trileaf Wonder, *Syngonium podophyllum*

FOLIAGE PLANTS, continued

- 156 Norfolk Island Pine, *Araucaria heterophylla*
- 157 Ovalleaf Peperomia, *Peperomia obtusifolia*
- 158 Parlor Palm, *Chamaedorea elegans*
- 159 Peace Lily, *Spathiphyllum floribundum*
- 160 Piggyback Plant, *Tolmiea menziesii*
- 161 Prayer Plant, *Maranta leuconeura kerchoveana*
- 162 Red Edge Dracaena, *Dracaena marginata*
- 163 Rubber Plant, *Ficus elastica*
- 164 Southern Yew, *Podocarpus macrophyllus*
- 165 Spider Plant, *Chlorophytum comosum*
- 166 Sprenger Asparagus, *Asparagus densiflorus*
'Sprengeri'
- 167 Strawberry Begonia, *Saxifraga stolonifera*
- 168 Striped Dracaena, *Dracaena deremensis Warneckii*'
- 169 Swedish Ivy, *Plectranthus* species
- 170 Tahitian Bridal Veil, *Gibasis geniculata*
- 171 Umbrella Schefflera, *Brassaia actinophylla*
- 172 Velvet Plant, *Gynura aurantiaca*
- 173 Wandering Jew, *Zebrina pendula*
- 174 Watermelon Peperomia, *Peperomia argyreia*
- 175 Wax Plant, *Hoya carnosa*
- 176 Weeping Fig, *Ficus benjamina*
- 177 Zebra Plant, *Aphelandra squarrosa*

FLOWERING CONTAINER PLANTS

- 178 African Violet, *Saintpaulia ionantha*
- 179 Azalea, *Rhododendron* species
- 180 Bromeliad, *Aechmea* species
- 181 Christmas cactus, *Schlumbergera bridgesii*
- 182 Cineraria, *Senecio x hybridus*
- 183 Cyclamen, *Cyclamen persicum*
- 184 Fuchsia, *Fuchsia x hybrida*
- 185 Gardenia, *Gardenia jasminoides*
- 186 Gloxinia, *Sinningia speciosa*
- 187 Hydrangea, *Hydrangea macrophylla*
- 188 Kalanchoe, *Kalanchoe blossfeldiana*
- 189 Persian Violet, *Exacum affine*
- 190 Pocketbook Plant or Calceolaria, *Calceolaria crenatiflora*
- 191 Poinsettia, *Euphorbia pulcherrima*
- 192 Primrose, *Primula* species
- 193 Tricolor Bromeliad, *Neoregelia carolinae* 'Tricolor'

CUT FLOWERS AND FOLIAGE

- 194 Alstroemeria/Peruvian Lily
- 195 Baby's-Breath
- 196 Camellia
- 197 Cattleya Orchid
- 198 Emerald Palm
- 199 Eucalyptus
- 200 Florist's Chrysanthemum
- 201 Freesia
- 202 Gerbera/Transvaal Daisy
- 203 Leatherleaf Fern
- 204 Liatris
- 205 Miniature Carnation
- 206 Phalaenopsis Orchid
- 207 Pittosporum
- 208 Plumosus Asparagus
- 209 Rose
- 210 Salal
- 211 Scotch Broom
- 212 Standard Carnation
- 213 Statice

HERBS

- 214 Basil, *Ocimum basilicum*
 215 Chives, *Allium schoenoprasum*
 216 Lavender, *Lavandula angustifolia*
 217 Oregano, *Origanum vulgare*
 218 Parsley, *Petroselinum crispum*
 219 Thyme, *Thymus* species

HERBACEOUS PERENNIALS

- 220 Astilbe, *Astilbe x arendsii*
 221 Blanketflower, *Gaillardia x grandiflora*
 222 Bleeding Heart, *Dicentra spectabilis*
 223 Columbine, *Aquilegia x hybrida*
 224 Coreopsis, *Coreopsis* species
 225 Daylily, *Hemerocallis* species
 226 Delphinium, *Delphinium* species
 227 Foxglove, *Digitalis purpurea*
 228 Lamb's Ear, *Stachys byzantina*
 229 Oriental Poppy, *Papaver orientale*
 230 Peony, *Paeonia lactiflora*
 231 Plantain Lily, *Hosta* species
 232 Shasta Daisy, *Leucanthemum x superbum*

GROUND COVERS AND VINES

- 233 Ajuga or Bugleweed, *Ajuga reptans*
 234 Barren Strawberry, *Waldsteinia ternata*
 235 Boston Ivy, *Parthenocissus tricuspidata*
 236 Clematis, *Clematis* species
 237 Creeping Bentgrass, *Agrostis palustris*
 238 Creeping Phlox, *Phlox subulata*
 239 Dragon's Blood Sedum, *Sedum spurium*
 240 English Ivy, *Hedera helix*
 241 Japanese Spurge, *Pachysandra terminalis*
 242 Kentucky Bluegrass, *Poa pratensis*
 243 Purpleleaf Wintercreeper Euonymus,
Euonymus fortunei 'Coloratus'
 244 Red Fescue, *Festuca rubra*
 245 Vinca, *Vinca minor*

DECIDUOUS SHRUBS

- 246 Alpine Currant, *Ribes alpinum*
 247 Amur Privet, *Ligustrum amurense*
 248 Anthony Waterer Spirea, *Spiraea x bumalda*
 'Anthony Waterer'
 249 Arrowwood Viburnum, *Viburnum dentatum*
 250 Burkwood Viburnum, *Viburnum x burkwoodii*
 251 Common Lilac, *Syringa vulgaris*
 252 Compact Burning Bush, *Euonymus alata*
 'Compacta'
 253 Cranberry Bush Viburnum, *Viburnum opulus* or
Viburnum trilobum
 254 Firethorn, *Pyracantha coccinea*
 255 Flowering Quince, *Chaenomeles speciosa*
 256 Forsythia, *Forsythia x intermedia*
 257 Japanese Barberry, *Berberis thunbergii*
 258 Oakleaf Hydrangea, *Hydrangea quercifolia*
 259 Potentilla, *Potentilla fruticosa*
 260 Red Twig Dogwood, *Cornus alba*
 261 Rockspray Cotoneaster, *Cotoneaster*
horizontalis
 262 Weigela, *Weigela florida*

DECIDUOUS TREES

- 263 Bradford Callery Pear, *Pyrus calleryana*
 'Bradford'
 264 Common Hackberry, *Celtis occidentalis*
 265 Common Thornless Honeylocust, *Gleditsia*
triacanthos inermis
 266 Eastern Redbud, *Cercis canadensis*
 267 European Beech, *Fagus sylvatica*
 268 European Mountain-ash, *Sorbus aucuparia*
 269 Flowering Crabapple, *Malus* species
 270 Flowering Dogwood, *Cornus florida*
 271 Ginkgo, *Ginkgo biloba*
 272 Green Ash, *Fraxinus pennsylvanica*
 273 Horsechestnut, *Aesculus hippocastanum*
 274 Littleleaf Linden, *Tilia cordata*
 275 London Plane Tree, *Platanus x acerifolia*
 276 Norway Maple, *Acer platanoides*
 277 Pin Oak, *Quercus palustris*
 278 Red Maple, *Acer rubrum*
 279 Red Oak, *Quercus rubra*
 280 River Birch, *Betula nigra*
 281 Saucer Magnolia, *Magnolia x soulangiana*
 282 Serviceberry, *Amelanchier* species
 283 Sour (Black) Gum, *Nyssa sylvatica*
 284 Sugar Maple, *Acer saccharum*
 285 Sweetgum, *Liquidambar styraciflua*
 286 Tulip Tree, *Liriodendron tulipifera*
 287 Washington Hawthorn, *Crataegus*
phaenopyrum
 288 White Oak, *Quercus alba*
 289 Willow, *Salix alba*

BROADLEAF EVERGREENS

- 290 Bayberry, *Myrica pensylvanica*
 291 Boxwood, *Buxus* species
 292 Catawba Rhododendron, *Rhododendron*
catawbiense
 293 Meserve Holly, *Ilex x meserveae*
 294 Oregon Grapeholly, *Mahonia aquifolium*
 295 Rhododendron PJM, *Rhododendron*
 'PJM Hybrids'
 296 Yucca, *Yucca* species

CONIFEROUS PLANTS

- 297 American Arborvitae, *Thuja occidentalis*
 298 Bald Cypress, *Taxodium distichum*
 299 Blue Colorado Spruce, *Picea pungens glauca*
 300 Canadian Hemlock, *Tsuga canadensis*
 301 Douglasfir, *Pseudotsuga menziesii*
 302 Juniper, *Juniperus* species
 303 Larch, *Larix* species
 304 Mugo Pine, *Pinus mugo*
 305 Norway Spruce, *Picea abies*
 306 White Fir, *Abies concolor*
 307 White Pine, *Pinus strobus*
 308 Yew, *Taxus* species