STATE NURSERY AND LANDSCAPE CAREER DEVELOPMENT EVENT

FORMAT

The State Nursery and Landscape Career Development Event will be conducted for teams of 3 or 4 participants, all of whose scores will be used in team ranking calculations.

In addition to a clean clipboard and at least two No. 2 pencils, each participant must have a ruler or scale capable of measuring 1/8-inch increments, a calculator, and a ballpoint or felt-tip pen. A pocket-size dictionary or electronic speller is allowed for the writing. Practice and personal pruners or knives for the practicums are allowed but not required.

PHASE I - GENERAL KNOWLEDGE EXAMINATION (250 POINTS)

Fifty multiple-choice questions will be prepared on topics reflecting subject areas in the objectives. This phase will evaluate the participants' knowledge and understanding of basic horticultural principles in producing, marketing, using and maintaining nursery plants and turf. Participants are allowed 50 minutes to complete this phase. Each answer has a value of five points. Participants will record their answers on a separate score sheet.

PHASE II - IDENTIFICATION OF PLANTS (250 POINTS)

Participants will identify items selected from the provided list covering the category of Plant Identification. Plants to identify will be presented as intact, live specimens. Each specimen will be designated by a station number (1-25). When the participant identifies the item, its name is then located on the identification list. The participant then records the number by that name on the score sheet at the respective station number.

Each participant will be provided a copy of the list at the event site. Five points will be awarded for each correct identification. Participants have 45 minutes to complete this event phase. No specimens or items may be touched or handled in any way.
Specimens may include any of the following plants:

*Abelia x grandiflora* / Glossy Abelia
*Abies concolor* / White Fir
*Acer platanum* cv. / Japanese Maple
*Acer rubrum* cv. / Norway Maple
*Acer saccharum* cv. / Sugar Maple
*Ajuga reptans* cv. / Carpet Bugle
*Antirrhinum majus* cv. / Snapdragon
*Aquilegia x hybrida* cv. / Columbine
*Amelanchier arborea* / Downy Serviceberry
*Astilbe hybrid* cv. / Astilbe

*Begonia semperflorens-cultorum* / Wax Begonia
*Berberis x mentorensis* / Mentor Barberry
*Betula nigra* / River Birch
*Brassaia actinophylla* / Schefflera, Octopus Tree
*Buxus microphylla* cv. / Littleleaf Boxwood

*Camellia japonica* cv. / Common Camelia
*Cedrus atlantica ‘Glaucor’* / Blue Atlas Cedar
*Cercis canadensis* / Redbud
*Chaenomeles speciosa* cv. / Japanese (Flowering) Quince
*Chrysanthemum x superbun* cv. / Shasta Daisy
*Cornus florida* cv. / Flowering Dogwood
*Cotoneaster dammeri* / Bearberry Cotoneaster
*Cotoneaster divaricatus* / Spreading Cotoneaster
*Crataegus phaenopyrum* / Washington Hawthorn
*Cynodon dactylon* cv. / Bermudagrass

*Dieffenbachia maculata* cv. Spotted Dumb Cane

*Dracaena deremensis ‘Warneckii’* /
Stripped Dracaena
*Dracaena fragrans ‘Massangeana’* /
Corn Plant

*Echinacea purpurea* / Purple Coneflower
*Epipremnum spp.* / Pothos
*Euonymus alatus* / Winged Euonymus
*Euonymus fortunei* cv. / Wintercreeper

*Fagus sylvatica* cv. / European Beech
*Festuca spp. and cv.* / Fescue
*Ficus benjamina* / Benjamin Fig
*Ficus elastica ‘Decora’* / Decora Rubber Plant
*Forsythia x intermedia* cv. / Border Forsythia
*Fraxinus americana* cv. / White Ash

*Gaillardia aristata* cv. / Common Blanketflower
*Gardenia jasminoides ‘Fortuniana’* /
Common Gardenia
*Ginkgo biloba* / Ginkgo, Maindenhair Tree
*Gleditsia triacanthos inermis* cv. / Thornless Honeylocust

*Hedera helix* cv. / English Ivy
*Hemerocallis spp. and cv.* / Day lily
*Hosta x hybrida* cv. / Plaintain Lily
*Hydrangea quercifolia* / Oakleaf Hydrangea
*Ilex cornuta* cv. / Chinese Holly
*Ilex creanata* cv. / Japanese Holly
*Ilex x meserveae* cv. / Reserve Holly
*Impatiens hybrid* cv. / Impatiens
*Iris x germanica florentina* cv. / Bearded Iris
*Juniperus chinensis* cv. / Chinese Juniper
*Juniperus horizontalis* cv. / Creeping Juniper
Lagerstroemia indica cv. / Crape Myrtle
Liquidambar styraciflua / Sweet Gum
Liriodendron tulipifera / Tuliptree
Liriope spp. cv. / Lily-Turn
Lobularia maritima / Sweet Alyssum
Lonicera japonica ‘Halliana’ / Hall’s Japanese Honeysuckle

Magnolia grandiflora cv. / Southern Magnolia
Magnolia x soulangiana cv. / Chinese (Saucer) Magnolia
Mahonia aquifolia cv. / Oregon Grape
Malus spp. and cv. / Flowering Crabapple
Myrica pensylvanica / Bayberry

Nandina domestica / Heavenly Bamboo
Narcissus pseudonarcissus cv. / Daffodil
Nyssa sylvatica / Sour (Black) Gum
Pachysandra terminalis / Japanese Spurge
Paeonia hybrid cv. / Peony
Parthenocissus tricuspidata / Boston Ivy
Pelargonium x hortorum cv. / Zonal Geranium
Pennisetum rupplia / Fountain Grass
Petunia x hybrida cv. / Petunia
Philodendron scandens oxyocardium / Heartleaf Philodendron
Picea abies / Norway Spruce
Picea pungens cv. / Colorado (Blue’) Spruce
Pieris japonica / Lily-of-the-Valley Bush
Pinus mugo / Mugo Pine
Pinus strobus / Eastern White Pine
Pinus sylvestris / Scotch Pine
Pinus thunbergiana / Japanese Black Pine
Platanus x acerifolia / London Planetree
Poa pratensis cv. / Kentucky Bluegrass
Podocarpus macrophyllus / Southern Yew

Potentilla fruticosa cv. / Shrubby Cinquefoil
Prunus laurocerasus cv. / Cherry Laurel
Prunus serrulata ‘Kwanzan’ / Kwanzan Japanese Flowering Cherry
Pyracantha coccinea cv. / Firethorn

Quercus alba / White Oak
Quercus palustris / Pin Oak
Quercus rubra / Red Oak

Rhododendron x catawbiense / Catawba Hybrid Rhododendron
Rhododendron Hybrid / Exbury Hybrid Azalea
Rosa spp. Class Hybrid Tea cv. / Hybrid Tea Rose

Salvia nemorosa / Meadow Sage
Sedum spurium cv. / Sedum
Solenostemon scutellarioides / Coleus
Sorbus aucuparia / European Mountain Ash
Spiraea x bumalda / Bumalda Spirea
Syringa vulgaris cv. / Common Lilac

Tagetes spp. cv. / Marigold
Taxodium distichum / Bald Cypress
Taxus spp. and cv. / Yew
Thuja occidentalis cv. / American Arborvitae
Tilia cordata / Littleleaf Linden
Tsuga canadensis / Canadian Hemlock
Tulipa spp. cv. / Tulip

Verbena x hybrida cv. / Garden Verbena
Viburnum x burkwoodii / Burkwood Viburnum
Viburnum
Viburnum trilobum / American Cranberrybush Viburnum
Viola minor cv. / Periwinkle
Viola x wittrockiana cv. / Pansy
Wisteria sinensis cv. / Chinese Wisteria

Yucca filamentosa / Adam’s Needle
Zinnia elegans / Zinnia
PHASE III - LANDSCAPE DRAWING (200 POINTS)

This practicum is designed to evaluate participants' knowledge of and ability in:

1. Reading a landscape drawing.
2. Measuring and calculating materials needed to execute a landscape plan.

The practicum will be completed as a group activity. A landscape drawing and scratch paper will be provided to the participants. There will be 20 objective questions about the landscape plan, and each correct answer has a value of 10 points. The questions may include such areas as determining how accent was provided in the public area, the form and size specified for a certain plant, the cost of fencing, the number of patio pavers required, the area of sod to be installed, the volume of mulch required and the labor cost to install a ground-cover bed. Sixty minutes will be allowed for this practicum. Participants will record their answers on a separate score sheet.

SCORING
Individual participant scores are the sum of the first two individual phases of the event, and team scores are the sum of the top 3 of the individual scores for each of the first two phases plus the group portion of the team activity.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Possible Points</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Member</td>
</tr>
<tr>
<td>1. Examinations</td>
<td>250</td>
</tr>
<tr>
<td>2. Identification</td>
<td>250</td>
</tr>
<tr>
<td>3. Landscape Drawing</td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>500</strong></td>
</tr>
<tr>
<td><strong>TEAM TOTAL</strong></td>
<td></td>
</tr>
</tbody>
</table>

TIEBREAKERS
If needed in the case of tied individual or team total scores, final placings will be determined by comparing, in order, scores for the following:

1. Phases 1-2
2. Phase 3