



# Correct answers for the Forestry Course

| Task 7 Slope of terrain |    |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |        |
|-------------------------|----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|--------|
| 0                       | 50 |    | 100 |    | 150 |    | 200 |    | 250 |    | 275 |    | 300 |    | 325 |    | 350 |    | result |
| ≤11                     | 22 | 23 | 24  | 25 | 26  | 27 | 28  | 29 | 30  | 31 | 32  | 33 | 34  | 35 | 36  | 37 | 38  | 40 | 39%    |
| ≥57                     | 56 | 55 | 54  | 53 | 52  | 51 | 50  | 49 | 48  | 47 | 46  | 45 | 44  | 43 | 42  | 41 |     |    |        |

| Task 8 Basal area |     |     |     |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |        |
|-------------------|-----|-----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|--------|
| 0                 | 50  |     | 100 |    | 150 |    | 200 |    | 250 |    | 275 |    | 300 |    | 325 |    | 350 |    | result |
| ≤35               | 36  | 39  | 40  | 43 | 44  | 47 | 48  | 51 | 52  | 55 | 56  | 59 | 60  | 63 | 64  | 67 | 68  | 72 | 70     |
| ≥105              | 104 | 101 | 100 | 97 | 96  | 93 | 92  | 89 | 88  | 85 | 84  | 81 | 80  | 77 | 76  | 73 |     |    |        |

| Task 16 Adventure |        |
|-------------------|--------|
| Number of disks   | Points |
| 0                 | 0      |
| 1                 | 35     |
| 2                 | 70     |
| 3                 | 105    |
| 4                 | 140    |
| 5                 | 175    |
| 6                 | 210    |
| 7                 | 245    |
| 8                 | 280    |
| 9                 | 315    |
| 10                | 350    |

| Task 9 | Determining kinds of wood |            |
|--------|---------------------------|------------|
| 1      | Alnus                     | Alder      |
| 2      | Larix                     | Larch      |
| 3      | Ulmus                     | Elm        |
| 4      | Salix                     | Willow     |
| 5      | Abies alba                | Silver fir |
| 6      | Acer                      | Maple      |
| 7      | Fagus sylvatica           | Beech      |

| Task 10 | Determining tree species |              |
|---------|--------------------------|--------------|
| 1       | Fraxinus excelsior       | Ash          |
| 2       | Salix                    | Willow       |
| 3       | Pseudotsuga menzi        | Douglas fir  |
| 4       | Acer platanoides         | Norway maple |
| 5       | Ulmus                    | Elm          |
| 6       | Abies alba               | Silver fir   |
| 7       | Alnus incana             | Grey elder   |

| Task 11 Height of the tree |    |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |       |     |        |
|----------------------------|----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-------|-----|--------|
| 0                          | 50 |    | 100 |    | 150 |    | 200 |    | 250 |    | 275 |    | 300 |    | 325 |    | 350   |     | result |
| ≤16                        | 17 | 18 | 19  | 20 | 21  | 22 | 23  | 24 | 25  | 26 | 27  | 28 | 29  | 30 | 31  | 32 | 33-35 | 34m |        |
| ≥52                        | 51 | 50 | 49  | 48 | 47  | 46 | 45  | 44 | 43  | 42 | 41  | 40 | 39  | 38 | 37  | 36 |       |     |        |

| Task 12 Size of the area |      |      |      |      |      |      |      |      |      |      |      |      |      |      |        |
|--------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 0                        | 50   |      | 100  |      | 150  |      | 200  |      | 250  |      | 300  |      | 350  |      | result |
| ≤0,22                    | 0,23 | 0,25 | 0,26 | 0,28 | 0,29 | 0,31 | 0,32 | 0,34 | 0,35 | 0,37 | 0,38 | 0,40 | 0,41 | 0,43 | 0,42   |
| ≥0,62                    | 0,59 | 0,61 | 0,56 | 0,58 | 0,53 | 0,55 | 0,50 | 0,52 | 0,47 | 0,49 | 0,44 | 0,46 |      |      |        |

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| Task 13 Sample plot A |      |      |      |      |      |      |      |      |      |      |      |      |     |      |     |     |     |     |     |     |     |     |              |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|--------------|
| 0                     | 50   |      | 100  |      | 150  |      | 200  |      | 250  |      | 300  |      | 350 |      | 375 |     | 400 |     | 425 |     | 450 |     | result       |
| ≤426                  | 427  | 465  | 466  | 504  | 505  | 543  | 544  | 582  | 583  | 621  | 622  | 660  | 661 | 699  | 700 | 738 | 739 | 777 | 778 | 816 | 817 | 855 | 836<br>m3/ha |
| ≥1246                 | 1207 | 1245 | 1168 | 1206 | 1129 | 1167 | 1090 | 1128 | 1051 | 1089 | 1012 | 1050 | 973 | 1011 | 934 | 972 | 895 | 933 | 856 | 894 |     |     |              |

| Task 13 b% SOFTWOOD |    |    |     |    |     |    |     |    |     |    |     |    |     |    |     |    |        |
|---------------------|----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|-----|----|--------|
| 0                   | 50 |    | 100 |    | 150 |    | 200 |    | 225 |    | 250 |    | 275 |    | 300 |    | RESULT |
| ≤39                 | 40 | 43 | 44  | 47 | 48  | 51 | 52  | 55 | 56  | 59 | 60  | 63 | 64  | 67 | 68  | 74 | 71%    |
| ≥99                 |    |    | 95  | 98 | 91  | 94 | 87  | 90 | 83  | 86 | 79  | 82 | 75  | 78 |     |    |        |

| Task 14 Volume of the sawlog |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |        |
|------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--------|
| 0                            | 50   |      | 100  |      | 150  |      | 200  |      | 250  |      | 300  |      | 325  |      | 350  |      | result |
| ≤0,35                        | 0,36 | 0,39 | 0,40 | 0,43 | 0,44 | 0,47 | 0,48 | 0,51 | 0,52 | 0,55 | 0,56 | 0,59 | 0,6  | 0,63 | 0,64 | 0,70 | 0,67   |
| ≥0,99                        | 0,95 | 0,98 | 0,91 | 0,94 | 0,87 | 0,9  | 0,83 | 0,86 | 0,79 | 0,82 | 0,75 | 0,78 | 0,71 | 0,74 |      |      |        |

| First Aid (task 15)  | points |
|--|--------|
| 1. Securing the area (the safety of the rescue team, the safety of the victim).  | 35 p   |
| 2. Assessment of vital signs and identifying medical status of the victim  | 35 p   |
| 3. Breath check (PAS procedure)  | 35 p   |
| 4. Calling emergency authorities (place of the accident, state of victim)  | 35 p   |
| 5. Clothing removal  | 35 p   |
| 6. Compressive dressing of the wound   | 35 p   |
| 7. Immobilization of the injured limb using a splint (first person immobilizes the limb, second person applies the splint, third person applies the bandage) | 35 p   |
| 8. Victim assessment and using proper medical tools (communication ability, consciousness assessment, medical kit)   | 35 p   |
| 9. Emotional support for the victim during intervention  | 35 p   |
| 10.Re- assessment of the victim.   | 35 p   |