

GINOP – 6.1.3-17-2018-00033 Nyíregyházi Szakképzési Centrum – Idegen nyelvi készségek fejlesztése Nyíregyházán és vonzáskörzetében

**Angol C2 1 1 039 Angol nyelvi képzés KER A1 szinttől C2 szintig**

Képzés nyilvántartásba vételi száma: E-001291/2015/C002

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## ROAD MAINTENANCE and SURFACE REPAIR

THRESHOLD



**Nyíregyházi Szakképzési Centrum**  
4400 Nyíregyháza, Dugonics utca 10-12. Telefon: +36-42-512-371 E-mail:  
[centrum@nyireghaziszc.hu](mailto:centrum@nyireghaziszc.hu) <http://nyireghaziszc.hu>



## GET READY TO CHECK YOUR KNOWLEDGE

### Task 1

8/ \_\_\_\_\_

You are going to read a text about cladding defects. Complete the text with the parts missing using the help from the box under the text. Please note that there are TWO extra letters that you don't need. ( 1 score for each correct answer)

### Typical cladding defects

#### Deformation:

The unevenness of the surface of an asphalt pavement. It impairs travel safety and comfort. One reason may be a defect in the layers under the asphalt layer, which cannot 1. \_\_\_\_\_ layer. In this case, either substructure repair or reinforcement affecting the entire track structure is required. Another reason may be the inadequate hardness of the binder in the asphalt layer. Causes are substructure, insufficient 2. \_\_\_\_\_ layers, volume-changing subsoil, melting damage, frost damage, wetting of the subsoil, formation of wheel tracks, braking at corridors and ripple at start-ups or break-off of track structure widening.

#### Cracking:

Cracking of the asphalt pavement accelerates the 3. \_\_\_\_\_ the water entering the crack, height differences can also develop on the broken cover. Causes are excessive stress, too hard binder, asphalt aging, puncture of lower cracks (reflective crack) or substructure movements (load capacity, road damage, frost damage, etc.).4. \_\_\_\_\_: steps to repair the crack casting: cleaning, dedusting, straightening, pouring, surface spraying. It can also be repaired with a special special machine: in the case of repair with a joint mixer machine, the connecting asphalt strip on both edges of the crack is heated 30-40 cm wide, and then the repair is made of heated asphalt material. Repair of a cracked 5. \_\_\_\_\_ a surface coating.

Decomposition:

Asphalt 6. \_\_\_\_\_ or aging of the asphalt layer. Construction defects can be compaction defects, rolling defects, lack of adhesion to the bottom layer, 7. \_\_\_\_\_ temperature (cooled mixture, burnt mixture). An aging defect is caused by the natural aging of the coating binder. It can be repaired by layer change or surface coating. Maintenance of pavements take the following steps ehe most important operational task is 8. \_\_\_\_\_ (crossing, bench maintenance, drainage systems), the basis of traditional pavement maintenance is crack pouring and pitting. Larger surface repairs include profile repair (milling-asphalting), large-area pavement replacement, and surface coatings.

- a. be addressed by repairing the asphalt
- b. cover can also be done with
- c. cutting can also be provided
- d. decomposition is caused by a construction defect
- e. load-bearing capacity of the lower
- f. raw material with the wrong
- g. repair works are the following
- h. the destruction of the pavement mainly due to
- i. to add proper drainage
- j. to provide drainage

**Write your answers here.**

**Any correction in the box will be considered as a mistake.**

1	2	3	4	5	6	7	8

**Task 3**

**12/ \_\_\_\_\_**

ON / THE ROAD Complete the chart with as much relevant vocabulary as you remember  
(minimum 3 in each column, each good answer is 0,5) 6 points

Road Surface	Surface conditions	Road types	Road machinery

LABOUR SAFETY Match the words and the definition

6 points

Gloves	wear it on your head when on a building site
Goggles/ Glasses	you mustn't do
First	It's obligatory
Helmet	put some on your hands to protect them
forbidden	wear them on your eyes to protect them
compulsory	it's very urgent