

Examination questions: Basic Elements of Safety

Series: Mock Exam

Read the following instructions carefully!

This examination consists of **40** multiple-choice questions.

Each question is followed by three possible answers, of which only one is correct. Please indicate the right answer on the answer card.

The maximum number of points obtainable in this examination is **40**. Each correct answer is worth 1 point.

To succeed you need a score of at least **28** points.

The maximum time allowed for this examination is **60** minutes.

If you are caught cheating during the examination, you will be excluded from the exam and will not receive a diploma.

Materials you need:

- This examination paper
- Answer card (on which you indicate your answers)
- A pen
- A proof of identity

Guidelines:

- Check that you have all the pages of this examination paper
- Use a pen to complete the answer card
- Indicate your answer by filling the corresponding box
- If you want to change your answer, you need the consent of the examiner
- Do not write on the pages of this examination paper

An answer to a multiple-choice question will be considered wrong if:

- If the selected answer is wrong
- If more than one case is filled
- If none of the cases is filled
- If a case is marked by any other means than filling it
- If you changed your answer without the consent of the examiner

At the end of the exam:

- Write or check your name on the answer card
- Hand over this examination paper and the answer card to the examiner

1

On what articles is CE marking mandatory?

- A On warehouse racks.
- B On machines and PBM's (personal protective equipment).
- C On barriers and fencing.

2

What is the task of the General Directorate for Supervision of Welfare at Work (ADTWW inspectorate)?

- A To check the employer's and employees' social documents.
- B To penalise employers and employees who disobey legislation.
- C To investigate whether the Health and Safety legislation (H&S legislation) is applied.

3

What is prevention?

- A Taking precautions to prevent or reduce risks.
- B Investigating accidents and incidents.
- C Supervising safety at work.

4

What must be present in an analysis of a task involving risk?

- A An assessment of the risks together with the preventive measures.
- B An action plan for taking precautions.
- C The time that was dedicated to preparing the report.

5

What are direct causes of an accident?

- A Lack of financial resources.
- B Not obeying the law.
- C Hazardous situations or actions.

6

May you use alcohol or drugs during your work?

- A Yes, if you inform your employer when you have used alcohol or drugs.
- B No, never.
- C Yes, if it only happens occasionally and you do not use too much.

7

What is the primary cause of tripping?

- A Loose objects on the work floor or loose floor tiles.
- B Too little lighting.
- C Reduction of a person's vision.

8

Who is responsible for using working equipment in the correct way?

- A The employee.
- B The manufacturer.
- C The government's Health and Safety Inspection Service.

9

What colours are used on signs for fire fighting equipment?

- A Black pictogram on a yellow background.
- B White pictogram on a green background.
- C White pictogram on a red background.

10

What shape does a warning sign have?

- A Round.
- B Triangular.
- C Rectangular.

11

What does a werkvergunning (work permit) contain?

- A Sound advice for the individuals carrying out the work.
- B Obligations imposed by the government's Health and Safety Inspection Service.
- C Measures that must be implemented by the individuals carrying out the work.

12

What does this sign mean?



(white symbol on a blue background)

- A Safety helmet mandatory.
- B Safety helmet recommended.
- C Danger of falling objects.

13 In what direction do you evacuate in case of fire?

- A With the wind.
- B Across the wind direction.
- C Against the wind.

14 What are hazardous substances?

- A All substances that pose a danger to health and/or to the environment.
- B Only substances that do not arise in nature and are harmful to humans and the environment.
- C Only substances that pose a danger to human health.

15 How can a hazardous substance get directly into the blood?

- A Via the breathing.
- B Via the mouth.
- C Via an open wound.

16 One of the following pictograms is displayed on the packaging of a substance. What is a characteristic of this substance?



(black symbol on orange background)



(black symbol on white background with red surround)

- A Oxidising.
- B Corrosive.
- C Highly flammable.

17 What precaution do you take if your hands come into contact with biological substances?

- A You always wash your hands after every activity.
- B You use hand cream, because this provides adequate protection.
- C You wash your hands properly during the break.

18

What is needed to allow a fire to happen?

- A A catalyst and an ignition source that come in contact with each other.
- B Oxygen, a catalyst and the correct mixture ratio.
- C A flammable substance, oxygen and ignition energy.

19

What must you do if you discover a fire starting at the company?

- A Open doors and windows.
- B Ensure your own safety.
- C Warn all your colleagues at the company.

20

What is a drawback of extinguishing with water?

- A Fire-fighters have a lot of trouble from the smoke that is produced.
- B Extinguishing with water is comparatively dearer.
- C The burning substance may react violently with water.

21

What is a major hazard when you are working with machines?

- A Too little contact with your colleagues.
- B The high speed the machine rotates at.
- C Being caught by moving parts.

22

Which of the following hand tools is unsafe?

- A A hammer whose shaft has been replaced.
- B A hammer with a heavy head.
- C A hammer with a dented head.

23

Which of the following is a hazard when working with lifting equipment?

- A The load falling off the hook.
- B Physical overloading of the employee.
- C The employee suffering hearing loss.

24

What must you do if many of the strands in a steel cable are broken?

- A Reject this cable.
- B Have the cable repaired.
- C Only use this cable for light weights.

25

What information is shown in a lifting table?

- A What weight may be transferred over what distance.
- B The details of lifting methods for winds over force 6.
- C The lifting equipment that must be used.

26

What is a forklift truck?

- A A vehicle for moving and lifting heavy loads with the aid of forks.
- B A vehicle for moving loads and people with the aid of forks.
- C A vehicle with forks for lifting loads when there is little space above the load.

27

Many different hazards may arise during demolition works. What safety precaution must therefore always be taken?

- A Ask for information in advance from the Land Registry about where cables and pipelines are situated.
- B Use PBM's (personal protective equipment / PPE), depending on the type of demolition work.
- C Before the start of the demolition work, put sufficient extinguishing equipment out ready.

28

You are working on a flat roof in the vicinity of the roof edge. What precaution is mandatory?

- A Clearly visible marking or a barrier next to the roof edge.
- B Roof edge protection or safety net in combination with a safety harness.
- C Roof edge protection or a safety net.

29

What do you use a cherry picker for?

- A As lifting equipment to take materials to a workplace that is higher up.
- B As a lift to take people to a workplace that is higher up.
- C As a workplace to carry out work at height.

30

Working with gas cylinders/bottles in an excavation can create added danger. What safety measure do you need to take?

- A Do not place any gas cylinders/bottles in the excavation.
- B Never work with gas in or near an excavation.
- C Only position the gas cylinders/bottles against the wall of the excavation.

31

You are working at height from a safety cage for people. What is an important rule here?

- A One person in the safety cage stays in contact with the crane driver.
- B You must always use a hip belt.
- C The safety cage may only be used up to a height of 8 metres.

32

Why is there an increased risk of electrocution when working in a confined space?

- A Due to too little ventilation, the LEL (Lower Explosion Limit) is reached more rapidly.
- B Due to too little ventilation, there is less oxygen and therefore better electrical conduction.
- C Due to too little ventilation, the body temperature is higher, the skin is damper and there is more conductivity.

33

How can you reduce the risk of electrocution?

- A You cannot reduce the risk of electrocution.
- B By standing on a rubber mat.
- C By working with wet hands.

34

What do we mean by 'the earthing of a system'?

- A Switching off power to the system, so we can work on it safely.
- B Insulating the electrical installation, so there is no contact with earth.
- C Making a conducting connection to earth, so that in case of a leak or short there is no voltage difference with respect to earth.

35

You use an extension cable in your work. What must you watch out for?

- A The cable must be on a reel.
- B The cable length may not be greater than 20 metres.
- C The cable must be suitable for the load to be connected.

36

What must you do to prevent back injury when moving loads manually?

- A Keep the back straight and bend the knees.
- B Put your feet together.
- C Hold the load some distance from your body.

37

What must you do with your PBM's (personal protective equipment / PPE)?

- A Take proper care of it.
- B Have an expert inspect it after every use.
- C Have your name put on it.

38

From what noise (pressure) level are you legally obliged to wear hearing protection?

- A From 85 dB(A).
- B From 80 dB(A).
- C From 75 dB(A).

39

What is one characteristic of filter masks?

- A Due to the weight of the filter, you may not work for too long with one.
- B They may be used with both low and high concentrations of hazardous substances.
- C They must never be used if there is an oxygen deficiency.

40

You are working on a building site. What protection must always be present in the safety footwear?

- A Only a reinforced toecap.
- B Both a reinforced midsole and a reinforced toecap.
- C Only a reinforced midsole.



**Proefexamen
Basisveiligheid VCA (BE)**

Reeks	Proef-examen
Score	Basisvei-ligheid

VCA (BE)

Schrapkaart

Examencentrum	_____
Sessienummer	_____
Plaats examen	_____
Datum examen	_____

Nummer kandidaat _____	Handtekening kandidaat
Bedrijf _____	<div style="border: 1px solid black; width: 100%; height: 100%;"></div>
Naam _____	
Voornaam _____	
Geboortedatum _____	
Geboorteplaats _____	

Slechts één antwoord is juist. Let op! Per vraag het bolletje volledig invullen.

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Handtekening kandidaat

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