

Review Unit A Quick test

Total ____/50

Part 1: Vocabulary and grammar

1 Underline the correct word in each sentence.

- 1 The wheel-jack mechanics **lower/raise** the car off the ground.
- 2 They put the new wheel on the car and **tighten/loosen** the nuts.
- 3 You **pull/press** the cord to start the motor.
- 4 I **report to/supervise** a team of five technicians.
- 5 John **operates/maintains** the machines and checks them daily for any problems.

(5 marks)

2 Match the beginning of the sentences with their endings.

- | | |
|--------------|-------------------------------|
| 1 take off | a the fuel hose |
| 2 switch off | b the wheel |
| 3 pull out | c the spanner from the ground |
| 4 push down | d the engine |
| 5 pick up | e the pedal |

(5 marks)

3 Complete the table.

Noun			adjective
person	equipment	college subject	
engineer	engine	1 _____	
2 _____			electrical
mechanic	3 _____	mechanics	mechanical
technician			4 _____
5 _____		technology	

(5 marks)

4 Put these job titles in order of rank.

Assistant Sub-Sea Engineer Maintenance Supervisor
Chief Electrician Crane operator

- 1 _____
- 2 _____
- 3 _____
- 4 _____

(4 marks)

5 Complete the phone conversation about the robot, using the present continuous or the present perfect.

A: What (1) _____ (the robot/do) now?

B: He (2) _____ the bike (ride).

He (3) _____ in a straight line. (move)

A: (4) _____ (he/hit) any objects?

B: No, he hasn't.

A: Is the road flat?

B: No, it isn't, but he (5) _____ (not fall off) the bike.

(5 marks)

6 You can put *yet* in two places in exercise 5. Write *yet* in the dialogue where appropriate.

(2 marks)

7 Rewrite the sentences, using the words in brackets.

1 I'm taking the tyres off the car. (them)

2 He's switched off the electricity supply. (it)

3 They're bringing the new wheels out. (them)

4 I've put the box under the table. (it)

(4 marks)

8 Underline the correct words in the sentences.

1 Frank Neumann **is working/works** for a car manufacturing company in Frankfurt. He **is visiting/visits** a factory in Berlin this week.

2 They **are planning/plan** to go to Egypt this year. They **are having/have** their annual holiday in August every summer.

3 I normally **am operating/operate** the drilling equipment, but I **am training/train** a new pump man at the moment.

4 I **am/hope to** meet the chief mechanic next week. We **are discussing/are going to discuss** the new pit stop procedures.

5 They **want to make/making** a new robot. They hope to **finish/finishing** it by next year.

(5 marks)

9 Complete the sentences.

receive return study went work

I (1) _____ engineering at Edinburgh University. In 2005, I (2) _____ a Masters degree in Petroleum Engineering. I then (3) _____ to Dubai, and I (4) _____ for Agip for three years. I (5) _____ to the UK in March this year, and I'm now looking for a new job.

(5 marks)

Part 2: Reading and writing

Reading

Read the text and answer the questions.

Automotive manufacturers in America are developing cars that can drive themselves. They can travel around city streets without crashing into vehicles, trees or other obstacles. One of the cars named 'Boss' can travel 85 km with no driver at the controls.

A driver follows behind the robot car in a support car. The driver can stop the robot car immediately by using a kill-switch when the car is in danger of crashing. The driver knows that the robot car is in danger of hitting things by means of sensors. These sensors are mounted on the roof of the robot car, one on each of its four corners, and in the bumpers. By using an algorithm to read the data from the radar sensors and cameras, the driver knows where fixed and moving objects are. 'Boss' has a Lidar scanner. This scanner has 64 individual lasers. By rotating at about 10 times a second, the scanner can take about a million measurements. These measurements warn the driver in the support car about any objects that are near the robot car and the exact distance these objects are from the car.

- 1 Who drives the robot cars?

- 2 What can the robot cars do?

- 3 How does the driver in the follow-up car stop the robot car?

- 4 How does the driver know that the robot car is in danger of hitting things?

- 5 How does the driver know how far objects are from 'Boss'?

(5 marks)

Writing

Complete the letter, using five of the phrases in the box. Use the correct punctuation.

as you may be aware
I would appreciate it if you could
concerning please do not hesitate to call me
do let me know Thanks for
I am attaching This is to inform you that
unfortunately

Dear Mr Morgan

(1) _____ your letter, dated 11th October,
(2) _____ the job as Maintenance
Supervisor. (3) _____ I am available for
an interview on Tuesday 21st October. (4) _____
_____ send me a full copy of the job
description. (5) _____ the contact
details of my previous employers as reference.

Kind regards
Adam Davies

(5 marks)