Khoa GIÁO DỤC ĐẠI CƯƠNG ĐỀ THI HỌC KỲ IV HỆ: CAO ĐẲNG

Bộ môn: Văn hóa ngoại ngữ MÔN : Anh văn chuyên ngành

Ngày thi: 10/6/2018 Thời gian : 60’

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| **Họ tên sinh viên:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****MSSV: \_\_\_\_\_ (ghi 2 số cuối)** **Lớp : CĐ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Mã đề thi 1**  |  Giám thị coi thi 1 Giám thị coi thi 2  | Điểm |

**I. Phonetics:** **(6 pts)**

1. Which is stressed differently from the others?

A. temperature B. telematics C. instrument D. voltmeter

1. Which is stressed differently from the others?

A. canopy B. adhesive C. friction D. bearing

1. Which is pronounced differently from the others?

A. all**ow** B. kn**ow** C. n**ow** D. h**ow**

**II. Choose the best one: ( 36 pts)**

1. Everything must be earthed to make sure that no one gets \_\_\_\_\_\_ .

A. a shock B. a shoot C. a shot D. a knock

1. A device which can produce a linear movement is a \_\_\_\_\_\_\_.

 A. cam B. crankshaft C. paper trimmer D. all are correct

1. All of the means of transportation are products of \_\_\_\_\_\_ engineering.

A. electrical B. electronic C. civil D. mechanical

1. The metal used for the conductors in printed circuit board is \_\_\_\_\_\_\_\_.

 A. aluminum B. copper C. mild steel D. high carbon steel

1. \_\_\_\_\_\_\_\_ engineering deals with electricity generating, installation, and lighting.

A. Electronic B. Electrical C. Civil D. Mechanical

1. The pendulum of clock is an example of \_\_\_\_\_\_\_\_\_\_\_\_\_\_ movement.

A. linear B. reciprocating C. oscillating D. rotary

1. Electrical engineers provide us with the services such as : \_\_\_\_\_\_\_\_.

A. bridges and airports B. lighting, harbours and air-conditioning

C. planes, communications equipment D. lighting, air-conditioning, refrigeration and lifts

1. I have a leather \_\_\_\_\_. It’s not so cold for my hands in the winter and it gives me a good trip.

A. wheel chair B. wheel trim C. steering wheel D. A & C are correct

1. You open \_\_\_\_\_\_\_\_\_\_ to look at the engine.

A. boot B. bumper C. bonnet D. badge

1. Don’t forget to retract the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ before using the car wash.

A. aerial B. airbag C. antenna D. A & C are correct

1. Can you put my suitcase in the \_\_\_\_\_\_\_, please?

A. boot B. bumper C. bonnet D. badge

1. Which material is light, soft and conductive? ~ \_\_\_\_\_\_\_\_\_\_

 A. mild steel B. brass C. ABS D. Aluminum

1. This material is easily broken. It is \_\_\_\_\_\_\_\_\_ .

 A. stiff B. brittle C. malleable D. ductile

1. What material is used for aircrafts, engine components? ~ \_\_\_\_\_\_\_\_

 A. brass B. aluminum C. ABS D. urea formaldehyde

1. What kind of steel can be hardened? ~ \_\_\_\_\_\_\_\_

 A. high carbon steel B. mild steel C. both are correct D. neither is correct

1. He wants to slacken the bolt, so he turns the wrench \_\_\_\_\_\_\_\_\_\_\_\_ .

A. clockwise B. anticlockwise C. very hard D. very gently

1. \_\_\_\_\_\_\_\_\_\_\_\_ is a movement swinging backwards and forwards.

A. linear B. reciprocating C. oscillating D. rotary

1. The reciprocating motion of a piston is changing into rotary motion by the \_\_\_\_\_\_\_\_\_\_\_.

A. shaft B. tap C. punch D. crankshaft

**III. Pick up an error in each sentence: (8 pts)**

1. ABS is the abbreviation of global positioning system.

 A B C D

1. Mining and medical engineering belong partly to mechanical and civil.

A B C D

1. When the seat is too low, you can adjust the seatbelt so that you can see the view well.

 A B C D

1. Medical engineering is about the generation and distribution of electricity.

 A B C D

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| A | **Chọn A** | A | **Bỏ A** | A | **Chọn lai A** |

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|  | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** | **21** | **22** | **23** | **24** | **25** |
| A |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| C |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| D |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**IV. Match the items in column A with the ones in column B: (10 pts)**

**PART A**

1. **D**\_\_ electricity generation A. changes

 B. linear

1. **C**\_\_X – ray machines C. medical

 D. power station

 E . oscillates

 F. kilograms

 G. goes round and round

 H. moving stairs

 I. goes up and down

 J. movement

**Part B**

1. **b**\_\_ exhaust a. wipers
2. **d**\_\_ wheel b. pipe
3. **c**\_\_ number c. plate

 d. trim

 e. bumper

 f. cap

**II. Choose the word from the box and fill in the gap** (6 pts)

|  |
| --- |
| safety, petrol cap, a built-to-order car, switch on, marine, , logo, medical engineering, body scanners |

1. When it starts raining, you need to ......... **switch on**...................................... the windscreen wipers.
2. ......... **a built-to-order car**.................... is a car produced to the customer’s specific requirements.
3. You need to open the .............. **petrol cap**............ first so you can fill the tank.

**V. Fill in the blanks with correct words: (18 pts)**

1. A ………**thermoplastic**……………… plastic is a material that becomes plastic when heated.
2. An insulator is a material that ……**does not allow**……………….. heat or current to flow easily.
3. Aluminum is a light metal that is used to make aircraft and car component such as …**cylinder**..
4. Copper is conductive …**so**…………………… it is used for electric wiring.
5. Nylon is used for bearings ……**because/ as / since**…………………………. it is self-lubricating.
6. A toolmaker is a person ……**who/ that**………………….. makes dies and moulding tools

**VI. Rewrite the sentences without changing their meanings: (16 pts)**

1. Automobile deals with cars and trucks.

Automobile is **concerned with** **cars and trucks.**

1. The boy pronounces each syllable separately.

Each syllable **is pronounced separately by the boy.**

1. Nylon is self-lubricating. It is used for motorized drives in cameras.

Nylon, which **is used for motorized drives in cameras is self-lubricating.**

1. The manager should check the machines carefully.

The machines **are checked carefully by the manager.**

Khoa GIÁO DỤC ĐẠI CƯƠNG ĐỀ THI HỌC KỲ IV HỆ: CAO ĐẲNG

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Ngày thi: 10/6/2018 Thời gian : 60’

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| **Họ tên sinh viên:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****MSSV: \_\_\_\_\_ (ghi 2 số cuối)** **Lớp : CĐ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Mã đề thi 2**  |  Giám thị coi thi 1 Giám thị coi thi 2  | Điểm |

**I. Phonetics:** **(6 pts)**

1. Which is stressed differently from the others?

A. material B. electric C. engineer D. conductor

1. Which is pronounced differently from the others?

A. airbag B. gadget C. handbrake D. navigation

1. Which is pronounced differently from the others?

A. cooking utensil B. electrical C. electronics D. metal

**II. Choose the best one: ( 36 pts)**

1. This material is easily broken. It is \_\_\_\_\_\_\_\_\_ .

 A. stiff B. brittle C. malleable D. ductile

1. Electronic engineering is concerned with the developing for \_\_\_\_\_.

A. tools B. computing C. machines D. air- conditioning

1. In a \_\_\_\_\_\_\_\_, the load is between the effort and the fulcrum.

A. punch B. foot pump C. pair of scissors D. A & B are correct

1. The \_\_\_\_ movement of a paper trimmer is used to cut the edge of the paper.

A. linear B. rotary C. oscillating D. reciprocating

1. What kind of steel can be hardened? ~ \_\_\_\_\_\_\_\_

 A. high carbon steel B. mild steel C. A&B are correct D. A & B are incorrect

1. Mining and medical engineering belong partly to \_\_\_\_\_\_\_ and \_\_\_\_\_\_\_ .

A. mechanics / electrical B. mechanic / electric

C. mechanical / electrical D. machine / electric

1. What material is used for aircrafts, engine components? ~ \_\_\_\_\_\_\_\_.

 A. brass B. aluminum C. ABS D. urea formaldehyde

1. Mechanisms provide \_\_\_\_\_\_\_\_\_ to press steel sheet into car body panels

A. the forces B. the load C. the weight D. the mass

1. It is important to inflate the \_\_\_\_\_\_\_\_ to the correct pressure for better fuel consumption.

A. tyres B. doors C. mirrors D. indicator

1. There is usually a cosmetic mirror on the passenger’s \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

A. sun visor B. sunroof C. sunscreen D. A & B are correct

1. A \_\_\_\_\_\_\_\_\_\_\_warns if the engine lubrication system gets too hot.

A. coolant temperature gauge B. engine oil temperature gauge

C. fuel gauge D. speedometer

1. Which material is light, soft and conductive? ~ \_\_\_\_\_\_\_\_\_\_

 A. mild steel B. brass C. ABS D. Aluminum

1. What material is used for making drills, files and saws? ~ \_\_\_\_\_\_

 A. mild steel B. brass C. aluminum D. none is correct

1. The reciprocating motion of a piston is changing into rotary motion by the \_\_\_\_\_\_\_\_\_\_\_.

 A. shaft B. tap C. punch D. crankshaft

1. A device which can produce a linear movement is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

 A. cam B. crankshaft C. paper trimmer D. all are correct

1. The pendulum of clock is an example of \_\_\_\_\_\_\_\_\_\_\_\_\_\_ movement.

A. linear B. reciprocating C. oscillating D. rotary

1. The seat-belts are very \_\_\_\_\_\_\_\_\_ . Please slacken them .

A. tighten B. loose C. tight D. slacken

1. The \_\_\_\_\_\_\_\_\_ movement of a paper trimmer is used to cut the edge of the paper.

A. linear B. reciprocating C. oscillating D. rotary

**III. Pick up an error in each sentence: (8 pts)**

1. That machine has less details than the one in the corner of the workshop.

 A B C D

1. You shouldn’t retract the antenna before using the car wash

 A B C D

1. Mining and medical engineering belong partly to mechanical and civil.

A B C D

1. The rev counter warns you if the engine oil gets too hot.

 A B C D

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| --- | --- | --- | --- | --- | --- |
| A | **Chọn A** | A | **Bỏ A** | A | **Chọn lai A** |

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|  | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** | **21** | **22** | **23** | **24** | **25** |
| A |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| C |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| D |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**IV. Match the items in column A with the ones in column B : (10 pts)**

**PART A**

1. **B**\_\_\_ trimmer A. changes

 B. linear

1. **I**\_\_\_ reciprocates C. medical

 D. power station

 E. oscillates

 F. kilograms

G. goes round and round

 H. moving stairs

 I. goes up and down

 J. movement

**Part B**

1. **d**\_\_ sun a. helmet
2. **f**\_\_ cooking b. lubricating
3. **b**\_\_ self c. lights

 d. visor

 e. gauge

 f. utensils

**V. Choose the word from the box and fill in the gap** (6 **pts**)

|  |
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| aluminum , cup holder , air vent , friction, cigarette lighter , clutch pedal , carbon , miles per hour |

1. mph stands for .............. **miles per hour**......................................................... ..
2. It’s so practical to have a .... **cup holder**.... near steering wheel to take a drink whenever I want.
3. In a manual-transmission car, you need to press the.... **clutch pedal**...............when you want to change a gear.

**VI. Fill in the blanks with correct words: (18 pts)**

1. A ……**thermosetting plastic**……… plastic is a material that remains rigid at high temperature.
2. A conductor is a material that ……**allow**………….. heat or current to flow easily.
3. Aluminum is a light metal that is used to make aircraft, car components and many items for the kitchen such as ……**pots**……………
4. ABS has a high strength of impact**;** ………**therefore**… it is used to make safety helmets.
5. Friction is sometimes helpful ……**but**………………. it is often a hindrance.
6. An electrician is a worker ……**who/ that** ………………………….. wires and installs electrical equipment.

**VII. Rewrite the sentences without changing their meanings: (16 pts)**

1. The workers clean these machines every day.

 These machines **are cleaned by the workers.**

1. The engineer designs a lot of good machines every year.

A lot of good machines **are designed by the engineer.**

1. Nylon is used for motorized drives in cameras. It is self-lubricating.

Nylon, which **is used for motorized drives in cameras is self-lubricating.**

1. Electricity generation deals with power stations.

Electricity generation is **concerned with power stations.**

Khoa GIÁO DỤC ĐẠI CƯƠNG ĐỀ THI HỌC KỲ IV HỆ: CAO ĐẲNG

Bộ môn: Văn hóa ngoại ngữ MÔN : Anh văn chuyên ngành

Ngày thi: 24/6/2018 Thời gian : 60’

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| **Họ tên sinh viên:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****MSSV: \_\_\_\_\_ (ghi 2 số cuối)** **Lớp : CĐ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Mã đề thi 3**  |  Giám thị coi thi 1 Giám thị coi thi 2  | Điểm |

**I. Phonetics:** **(6 pts)**

1. Which is stressed differently from the others?

A. electricity B. machinery C. electronics D. engineering

1. Which is stressed differently from the others?

A. exterior B. customer C. sunroof D. indicator

1. Which is stressed differently from the others?

A. marine B. machine C. install D. civil

**II. Choose the best one: ( 36 pts)**

1. He works \_\_\_\_\_\_\_\_\_ : 8.00 am to 16.00 pm.

A. ships B. shift C. shifts D. sheep

1. Is \_\_\_\_\_\_\_\_ tough? ~ Yes, it is.

 A. copper B. nylon C. mild steel D. all are correct

1. What material is used for making drills, files and saws? ~ \_\_\_\_\_\_

 A. mild steel B. brass C. high carbon steel D. none is correct

1. \_\_\_\_\_\_\_ is essential in brakes but it is a nuisance in an engine.

A. Elasticity B. Friction C. Impact D. Strength

1. Mr. Smith works in a power station. He is responsible for turbine \_\_\_\_\_\_

A. maintain B. maintenance C. main board D. main branch

1. Mechanical engineering includes marine, automobile, aeronautical, heating and \_\_\_\_\_.

A. lighting B. ventilating C. mining D. reciprocating

1. \_\_\_\_ is an alloy which is very corrosion-resistant; therefore it is suitable for water environment.

A. Aluminum B. Brass C. Steel D. zinc

1. Engineering consists of four main branches: civil, electrical, \_\_\_\_\_ , and mechanical.

A. automobile B. electronic C. marine D. aeronautical

1. A cam converts rotary motion into \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ motion.

A. reciprocating B. linear C. oscillating D. all are correct

1. \_\_\_\_\_\_\_\_\_\_\_\_ is a movement swinging backwards and forwards.

A. linear B. reciprocating C. oscillating D. rotary

1. The \_\_\_\_\_\_\_\_\_ movement of a paper trimmer is used to cut the edge of the paper.

A. linear B. reciprocating C. oscillating D. rotary

1. The screw is \_\_\_\_\_\_\_\_\_ . Please tighten it .

A. tight B. tighten C. slacken D. loose

1. He wants to slacken the bolt, so he turns the wrench \_\_\_\_\_\_\_\_\_\_\_\_ .

A. clockwise B. anticlockwise C. very hard D. very gently

1. A \_\_\_\_\_\_\_\_ shows you how often the engine is turning over.

A. voltmeter B. driver information system C. rev counter D. hazard warning

1. A \_\_\_\_\_\_\_\_\_\_\_ shows how much petrol you have in the tank.

A. speedometer B. petrol cap C. fuel gauge D. all are correct

1. A \_\_\_\_\_\_\_\_\_\_\_\_ shows how fast the car is travelling.

A. coolant temperature gauge B. engine oil temperature gauge

C. fuel gauge D. speedometer

1. Could you close the \_\_\_\_\_\_\_\_? I’m getting a draught.

A. air vent B. air conditioning C. air conditioner D. all are correct

1. The pendulum of clock is an example of \_\_\_\_\_\_\_\_\_\_\_\_\_\_ movement.

A. linear B. reciprocating C. oscillating D. rotary

**III. Pick up an error in each sentence: (8 pts)**

1. A cam converts the oscillating motion of the engine into the reciprocating motion.

 A B C D

1. The exhaust gases from the engine come out of the aerial.

 A B C D

1. Polyester resin is a kind of plastic which is very heat-resistant and soft.

 A B C D

1. He is trying to list the main branches mention in the following texts.

 A B C D

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| A | **Chọn A** | A | **Bỏ A** | A | **Chọn lai A** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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|  | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** | **21** | **22** | **23** | **24** | **25** |
| A |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| C |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| D |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**IV. Match the items in column A with the ones in column B : (10 pts)**

**PART A**

1. **H**\_\_\_ escalators A. changes

 B. linear

1. **A**\_\_\_ converts C. medical

 D. power station

 E. oscillates

 F. kilograms

 G. goes round and round

 H. moving stairs

I. goes up and down

 J. movement

**Part B**

1. **f**\_\_ petrol a. wipers
2. **e**\_\_ front b. pipe
3. **a**\_\_ windscreen c. plate

 d. trim

 e. bumper

 f. cap

**II. Choose the word from the box and fill in the gap** (6 **pts**)

|  |
| --- |
| aluminum , cup holder , air vent , friction, cigarette lighter , clutch pedal , carbon , miles per hour |

1. Mild steel is a metal contains iron and 0.15% to 0.3%.......... **carbon**...................................................
2. I don’t need a ........ **cigarette lighter**................................................ because I don’t smoke.
3. ..... **aluminum**.............................................. is a light metal which is used to make aircraft.

**V. Fill in the blanks with correct words: (18 pts)**

1. A ………**thermoplastic**……………… plastic is a material that becomes plastic when heated.
2. An insulator is a material that ……**does not allow**……………….. heat or current to flow easily.
3. Aluminum is a light metal that is used to make aircraft and car component such as …**cylinder**..
4. Copper is conductive …**so**…………………… it is used for electric wiring.
5. Nylon is used for bearings ……**because/ as / since**…………………………. it is self-lubricating.
6. A toolmaker is a person ……**who/ that**………………….. makes dies and moulding tools

**VI. Rewrite the sentences without changing their meanings: (16 pts)**

1. Electrical engineering deals with electricity generating.

Electrical engineering is **concerned with electricity generating.**

1. The worker turns the bolt anti-clockwise.

The bolt **is turned anti-clockwise by the worker.**

1. These workers should clean the oil left on the surface of the engine.

The oil **left on the surface of the engine should be cleaned by these workers.**

1. The air-conditioner is serviced regularly. It is always in a good condition.

The air-conditioner which **is serviced regularly is always in a good condition.**Khoa GIÁO DỤC ĐẠI CƯƠNG ĐỀ THI HỌC KỲ IV HỆ: CAO ĐẲNG

Bộ môn: Văn hóa ngoại ngữ MÔN : Anh văn chuyên ngành

Ngày thi: 24/6/2018 Thời gian : 60’

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| **Họ tên sinh viên:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_****MSSV: \_\_\_\_\_ (ghi 2 số cuối)** **Lớp : CĐ \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Mã đề thi 4**  |  Giám thị coi thi 1 Giám thị coi thi 2  | Điểm |

**I. Phonetics:** **(6 pts)**

1. Which is pronounced differently from the others?

A. mechanical B. practical C. body scanner D. generation

1. Which is pronounced differently from the others?

A. head B. ready C. heavy D. reading

1. Which is pronounced differently from the others?

A. aeronautical B. laugh C. exhaust pipe D. automobile

**II. Choose the best one: ( 36 pts)**

1. \_\_\_\_\_\_\_\_\_\_\_\_ is a movement swinging backwards and forwards.

A. linear B. reciprocating C. oscillating D. rotary

1. \_\_\_\_\_\_\_\_ involve rotary movement.

 A. Gears B. Pendulums C. Pistons D. Paper trimmers

1. \_\_\_\_ is a material which is used for the conductors in printed circuit boards.

A. aluminum B. brass C. zinc D. copper

1. \_\_\_\_\_\_\_\_\_ is important in my job.

A. safe B. unsafe C. safely D. safety

1. A device which can produce a linear movement is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

A. cam B. crankshaft C. paper trimmer D. all are correct

1. He is trying to find out how many of the branches \_\_\_\_\_ are mentioned.

A. are listed B. list C. listed D. listing

1. Is \_\_\_\_\_\_ used for safety helmets?, Yes, it is.

 A. nylon B. plastic C. ABS D. acrylic

1. The \_\_\_\_\_\_ absorb small impacts in an accident.

A. aerial B. air-conditioner C. bumper D. exhaust pipe

1. When it starts raining, you need to switch on the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

A. headlights B. windscreen wipers C. sunroof D. A & B are correct

1. “What model is that?” “I don’t know, I can’t see the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ from here.”

A. airbag B. gadget C. logo D. B & C are correct

1. Open the \_\_\_\_\_\_\_\_\_ and let some sun and fresh air into the car.

A. sun visor B. sun light C. sunroof D. all are correct

1. In a car with manual transmission, you need to press the \_\_\_\_\_\_\_\_\_\_\_ when you want to change gear.

A. gas pedal B. clutch pedal C. brake pedal D. none is correct

1. It’s against the law to phone while driving so I’ve order a car with a \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

A. cell phone B. hands free telephone C. horn D. A & B are correct

1. \_\_\_\_\_\_\_\_ is a metal which is suitable for salt-water environment

 A. acrylic B. aluminum C. mild steel D. brass

1. The metal used for the conductors in printed circuit board is \_\_\_\_\_\_\_\_.

 A. aluminum B. copper C. mild steel D. high carbon steel

1. Copper is high conductive,;\_\_\_\_\_\_\_\_ they use it for electric wiring.

 A. therefore B. so C. but D. because

1. She wants to turn right, so she turn the steering wheel \_\_\_\_\_\_\_\_ .

A. clockwise B. anticlockwise C. very hard D. gently

1. She wants to turn right, so she turn the steering wheel \_\_\_\_\_\_\_\_ .

A. clockwise B. anticlockwise C. very hard D. gently

**III. Pick up an error in each sentence: (8 pts)**

1. Brass is an alloy which consist of copper and zinc.

 A B C D

1. Mining and medical engineering belong partly to mechanical and civil.

A B C D

1. Open the rear light to let some sun and fresh air into the car.

 A B C D

1. An alloy is a plastic which formed by mixing other metals or elements.

 A B C D

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| A | **Chọn A** | A | **Bỏ A** | A | **Chọn lai A** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** | **21** | **22** | **23** | **24** | **25** |
| A |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| B |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| C |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| D |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**IV. Match the items in column A with the ones in column B : (10 pts)**

**PART A**

1. **G**\_\_ rotates A. changes

 B. linear

1. **E**\_\_ pendulum C. medical

 D. power station

 E . oscillates

F. kilograms

 G. goes round and round

 H. moving stairs

 I. goes up and down

 J. movement

**Part B**

1. **a**\_\_ safety a. helmet
2. **c**\_\_ indicator b. lubricating
3. **e**\_\_ fuel c. lights

 d. visor

 e. gauge

 f. utensils

**II. Choose the word from the box and fill in the gap** (**6 pts**)

|  |
| --- |
| safety, petrol cap, a built-to-order car, switch on, marine, , logo, medical engineering, body scanners |

1. ...... **body scanners**.......... give doctors far more information than X-rays and there’s no risk to the patient.
2. ............... **marine**........... is concerned with ships.
3. The Mercedes star is a well-known ........ **logo**...................

**V. Fill in the blanks with correct words: (18 pts)**

1. A ……**thermosetting plastic**……… plastic is a material that remains rigid at high temperature.
2. A conductor is a material that ……**allow**………….. heat or current to flow easily.
3. Aluminum is a light metal that is used to make aircraft, car components and many items for the kitchen such as ……**pots**……………
4. ABS has a high strength of impact**;** ………**therefore**… it is used to make safety helmets.
5. Friction is sometimes helpful ……**but**………………. it is often a hindrance.
6. An electrician is a worker ……**who/ that** ………………………….. wires and installs electrical equipment.

**VI. Rewrite the sentences without changing their meanings: (16 pts)**

1. Medical and mining deal with mechanical and electrical engineering.

Medical and mining are **concerned with mechanical and electrical engineering.**

1. Petrol and air are mixed by a carburetor.

A carburetor **mixes petrol and air.**

1. The customers can buy spare parts from the local dealers.

Spare parts **can be bought from the local dealers by the customers.**

1. The worker is turning a nut in the workshop now. He is my colleague.

The worker who **is turning a nut in the workshop now is my colleague.**