**Design & Technology**

**AQA A-Level** Logo

Description automatically generated with low confidence

**Classification of materials**

**Materials required for questions**

* Pencil
* Rubber
* Calculator

**Instructions**

* Use black ink or ball-point pen
* Try answer all questions
* Use the space provided to answer questions
* Calculators can be used if necessary
* For the multiple choice questions, circle your answer

**Advice**

* Marks for each question are in brackets
* Read each question fully
* Try to answer every question
* Don’t spend too much time on one question

**Good luck!**

**Q1.** Which of the following is a ferrous metal?

**A** HSS

**B** Duralumin

**C** Pewter

**Q2.** Which of the following is a hardwood?

**A** Cedar

**B** Beech

**C** Pine

**Q3.** Which of the following is a thermoplastic?

**A** ABS

**B** Urea formaldehyde

**C** Polyester resin

**Q4.** Which of the following is a modern material?

**A** Electroluminescent wire

**B** SMA

**C** Kevlar

**Q5.** Identify the specific material classification of gold **(1 mark)**

**Q6.** Identify the specific material classification of neoprene **(1 mark)**

**Q7.** Identify the specific material classification of potopak **(1 mark)**

**Q8.** Identify the specific material classification of aluminium composite board **(1 mark)**

**Q9.** Identify the specific material classification of titanium **(1 mark)**

**Q10.** Identify the specific material classification of pewter **(1 mark)**

**Answers**

**Q1**. A

**Q2**. B

**Q3**. B

**Q4**. C

**Q5.**

Non-ferrous

**Q6.**

Elastomer

**Q7.**

Biodegradable polymer

**Q8.**

Composite

**Q9.**

Non-ferrous

**Q10.**

Non-ferrous alloy (Accept Alloy)