

Design & Technology

A-Level

Property rights

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
- Use a cross in the box to mark you 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. What government office grants Patents?

A Intellectual property office

☐

B International property office

☐

C Intellectual property organisation

☐

Q2. How long does a patent last?

A 30 years

☐

B 20 years

☐

C 70 years

☐

Q3. For your work to be covered by copyright it needs to be what by definition?

A Original and Tangible

☐

B New and Original

☐

C Physical and Original

☐

Q4. Why might someone apply for a patent

A Add value to the business

☐

B They think their idea already exists

☐

C To secure rights to an existing solution

☐

Q5. How long do copyrights last after the death of the creator?

A 100 years

☐

B 70 years

☐

C Forever

☐

Q6. Design rights cover what?

A How the product looks

☐

B How the product functions

☐

C How the product is made

☐

Q7. How often do trademarks need to be renewed?

A Every 5 years

☐

B Every 20 years

☐

C Every 10 years

☐

Q8. Can a trademark incorporate words?

A Yes

☐

B No

☐

Q9. Explain one benefit to the designer of taking out a patent on the new drill design **(2 marks)**

Q10. Distinguish between design rights and registered designs? **(3 marks)**

Q11. What are the benefits of protecting technology with a patent? **(2 marks)**

Q12. Draw the Copyright and Trademark symbols

Answers

Q1. A

Q2. B

Q3. A

Q4. A

Q5. B

Q6. A

Q7. C

Q8. A

Q9.

- It will protect their design/feature/concept so no one else can copy it (1)
- Therefore, it is potentially worth more money/the inventor will have time to develop it/it will give the designer more recognition (1)

Q10.

- A registered design right gives you complete control over the design
- Unregistered right only gives you the ability to prevent others from copying your design
- Automatic protection for 15 years from the date of creation, even when a registered design is not applied for

Q11.

- Gives your business a legal monopoly over the exploitation of your invention by any other business or person
- It has commercial value, it can be sold if desired