Materials, Future shapes, Future forms, prepositions of time&place, History of plastic

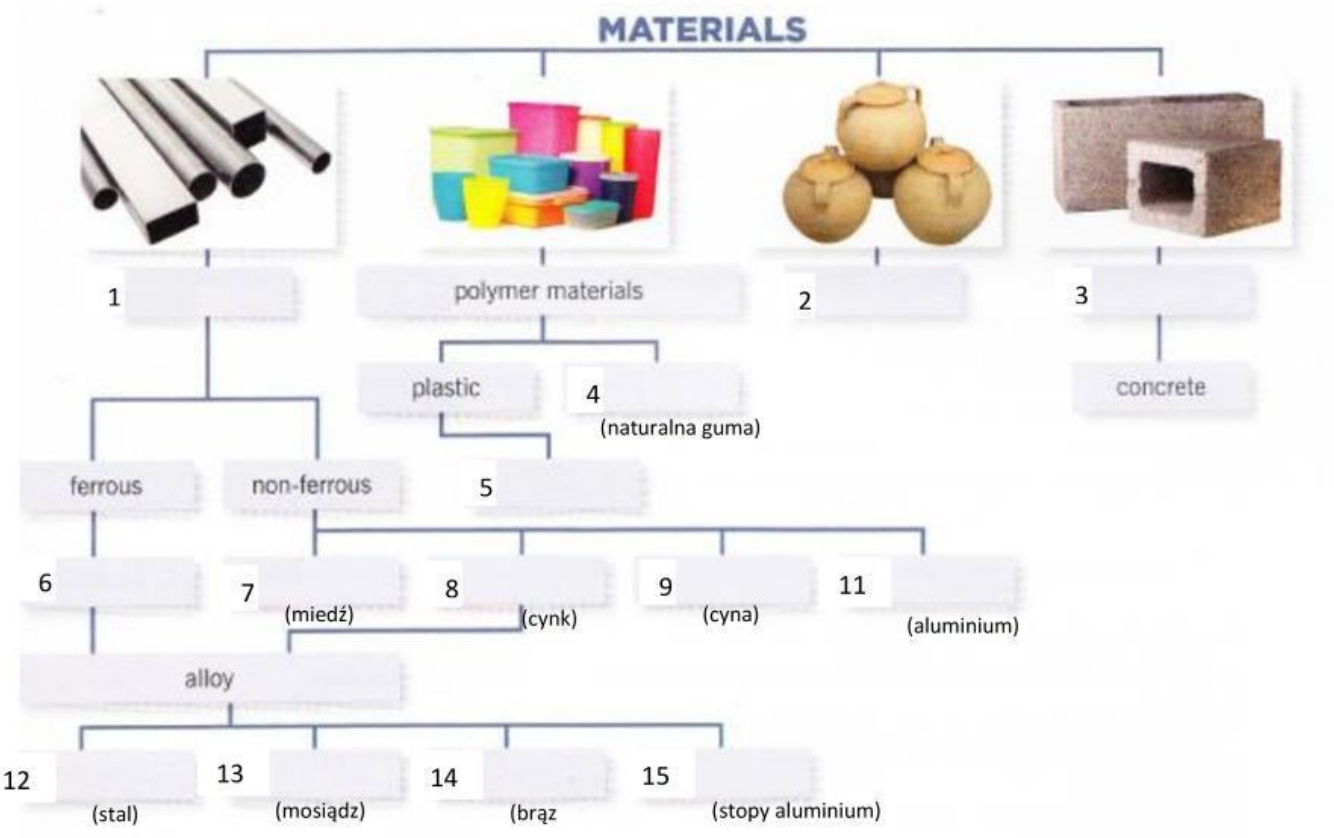
Test 1(3)

summer term 2022/2023

11I1/I2/I3
11W1

Total: /70

I. Complete the diagram below. (15p)



II. Answer the following questions. (10p)

1. What are the two basic classifications of materials?
   i. _____
   ii. _____
2. What are the characteristics of iron? (2 words)
   _____ and _____
3. Why are alloys created?
   Alloys are created to _____
4. Which materials are good insulators? (1 word)
   _____
5. Is steel an alloy? Which metal does it contain?
   Yes/No _____ . _____

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6. What are the earliest examples of composite materials?

   _____

7. What is a modern everyday example of a composite material?

   _____

III. Complete the sentences below.(10p)

1. With regard to the chemical composition of materials, three main categories can be used: 1)_____, 2)_____ and 3)_____
2. The three common formats of raw materials are: 1)_____, 4)_____ and 5)_____
3. Raw materials are often intended to be 6)_____ or 7)_____
4. Powder particles are 8)_____ than pellets.
5. A steel bloom is a type of 9) _____.
6. Pellets 10)*do/don't* _____require further processing.

IV. **Write the appropriate words or phrases for the definitions below.(10p)**

1. the hard smooth yellowish-white substance from the tusks of an elephant _____
2. the main body of an aircraft _____
3. accessories, articles, or details used to beautify the appearance of something to which it is added or of which it is a part _____
4. a piece of equipment fastened to the back of people who jump out of planes, which makes them fall slowly and safely to the ground _____
5. something added to provide more strength or support _____
6. a substance in which other things are fixed, buried _____
7. format of processed material produced in variety of section shapes eg. profiles in the shape of letter „I" are very common_____
8. flat pieces of metal that are wide , but thicker than sheets (for steel thicker than 3mm)_____
9. move up or away from a surface after hitting _____
10. a continuous series of circular rings into which something such as wire or rope has been wound or twisted _____

V. Complete the sentences with a word or a phrase.(5p)

1. It takes centuries for plastics to d_____
2. Her hair was t_____ to a soft shade of red.

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3. The dead plants slowly d_____ into compost.

4. A lightweight, r_____ nylon was used to make parachutes during WW II.

5. T_____ is a thick black sticky substance that is used especially for making roads.

VI. Complete the second sentence so that it has a similar meaning to the first sentence. Use NO MORE THAN FIVE WORDS including the word given. (5p)

1. It's possible they'll build plastic motors in the future. (POSSIBLY)

   _____ motors in the future.

2. They will probably build cars from plastic in the future.(LIKELY)

   _____build cars from plastic in the future.

3. It's unlikely that they will make all vehicles from plastic. (PROBABLY)

   _____all vehicles from plastic.

4. They will definitely start manufacturing in December.(CERTAIN)

   _____start manufacturing in December.

5. She'll try her best to be there. (SURE)

   I _____ that she'll try to do her best to be there.

VII. Complete the following sentences with the right verb form. (7p)

1.We need to be there at ten, and if you don't go faster we _____ (arrive) by then.

2,3. Our plane _____ (leave) next Tuesday morning. We _____ (fly) first to Toronto and then to New York

4. I don't think he_____ (find) a job easily.

5,6. When they arrive next week, they _____ (travel) for 3 entire months and they _____ (visit) 8 different countries.

7. I love photography. I_____(buy) a digital camera soon. I just need to save a bit more.

VIII. Complete the sentences with the appropriate preposition. (8p)

1. I'll be 100 years old _____ the year 2095.
2. See you _____ Tuesday!
3. My grandfather left home _____ the age of fourteen!
4. Food packaging materials are usually made _____ plastics.
5. Pompoms are made _____ coloured paper.
6. There weren't any chairs so we had to sit _____ the floor.
7. Walk _____ the station, but turn left a couple of blocks before you get there.
8. We should arrive _____ Paris at six in the morning.

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