BreakingNews, Future shapes, plastics and polymers, plastic processing

Test 1

summer term 2021/2022

11I1/I2/I3
11W1

Total: /55

I. Order the words to make sentences. (5p)

1. they The have and joined two the are greatest brothers their fight of lives.

_____

2. a boxing in two champion The younger was brother divisions

_____

3. He in a glittering retired career from boxing.

_____

4. ourselves with We all will our defend might.

_____

5. bravery and fight There the ropes amount of required to is slip between an immense

_____

II. Match words to their definitions. (5p) Translate into Polish. (5p)

1.	compatriot	a.	Serious and immediate danger
2.	outspoken	b.	A great and impressive power or strength. Esp. of a nation, large organization or natural force
3.	peril	c.	force an unwelcome decision or ruling on someone
4.	might	d.	Very honest in stating one's opinions, esp. when they are shocking and controversial
5.	impose sth on sb	e.	A fellow citizen or national of a country

Answers:

1. _____ = (Pl) _____
2. _____ = (Pl) _____
3. _____ = (Pl) _____
4. _____ = (Pl) _____
5. _____ = (Pl) _____

III. 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. (4p)

1. It's possible they'll build plastic fuselages in the future.

POSSIBLY

_____ fuselages in the future.

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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.

IV. Put the verbs in brackets into the correct form. (11p)

We (5) _____ (develop) a lot of plastic construction materials up to now. In fact, we (6) _____ (just build) the first road bridge which (7) _____ (be) made of plastic. We (8) _____(start) designing it five years ago. Currently we (9) _____ (look) at developing plastic materials for vehicle manufacture but we don't think we (10) _____(be able) to produce a plastic engine for quite a while although we (11)_____(produce) a prototype last year.

V. **Complete the sentence with a word formed from the word in capitals at the end. (6p)**

1. We have just looked at the _____ process. EXTRUDE
2. The factory _____ allows us to install all the new equipment. EXPAND
3. The next part of the process is the _____ of the plastic form from the mould. EJECT
4. The _____ of the factory was unexpected. CLOSE
5. They are researching the _____ of land vehicles by wind. PROPEL
6. The _____ of the plastic bottle shape happens last. COOL

VI. Choose the correct option (a-d) <u>Answer with the right letter only</u>. (4p)

1. The soft plastic is _____ into a space between the two halves of the mould.
   a) inverted b) ejected c) expelled d) injected
2. The space between the two halves of the mould is called the _____ .
   a) capacity b) crater c) cavity d) container
3. Planes may be made from plastic _____ in the future.

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a) composition s b) composites c) complexes d) compositors

4. The motor _____the screw, which pushes the pellets along the cylinder.

a) rotates b) revolves c) circles d) orbits

VII. Complete the process with the correct option (a- e) <u>Answer with the right letter only</u> (5p)

a) next
b) as it does this
c) finally
d) as you can see
e) four main stages

The diagram shows the (26) _____ of the process. (27) _____ from the diagram, someone adjusts the rollers to the correct width and then the motor starts, moving the rollers in opposite directions. (28)_____, a worker heats the metal plate which goes through the gap between the rollers. (29)_____, the rollers compress it to a thinner shape. (30)_____ the metal comes out in the form of a metal sheet.

VIII. Write the appropriate words for the definitions below (6p)

1. containing many different aspects, features, or qualities
2. clear or thin enough for you to see things through
3. the yellowish-white bone that an elephant's tusks are made of
4. a chemical substance that consists of two or more elements that together form a molecule.
5. able to quickly become healthy, happy, or strong again after an illness, disappointment, or other problem
6. a thick black liquid made from coal, used especially for making the surfaces of roads

Answers:

1. _____ 4. _____
2. _____ 5. _____
3. _____ 6. _____

IX. Translate the phrases in brackets. (4p)

1. Polymers and plastics are often (mylnie uważane za to samo) _____
2. (Gdy podgrzane do swojej temperatury topnienia) _____ thermoplastics can be melted and moulded.
3. If a thermoset is heated (po utwardzeniu, spali się)_____
4. (Cząsteczki polimerów składają się z) _____ huge numbers of atoms, joined together in long chains.

LIVEWORKSHEETS