

1 Hópverkefni

1.1

Svarið er **(B)** Mengi strengja.

1.2

1.2.1 BNF

- a) $\langle R \rangle ::= 'a' \langle R \rangle 'c' \mid \langle B \rangle$
 $\langle B \rangle ::= 'b' \langle B \rangle \mid \varepsilon$
- b) $\langle R \rangle ::= \langle abpart \rangle \langle cdpart \rangle$
 $\langle abpart \rangle ::= 'ab' \langle abpart \rangle \mid \varepsilon$
 $\langle cdpart \rangle ::= 'c' \langle cdpart \rangle 'd' \mid \varepsilon$
- c) Imposter
- d) $\langle R \rangle ::= \langle abpart \rangle \langle cpart \rangle$
 $\langle abpart \rangle ::= 'a' \langle abpart \rangle 'b' \mid \varepsilon$
 $\langle cpart \rangle ::= 'c' \langle cpart \rangle \mid \varepsilon$

1.2.2 EBNF

- a) $R = 'a', R, 'c' \mid \{ 'b' \};$
- b) $R = \{ 'ab' \}, cdpart;$
 $cdpart = ['c', cdpart, 'd'];$
- c) Prob imposter líka
- d) $R = abpart, \{ 'c' \};$
 $abpart = ['a', abpart, 'b'];$

1.2.3 Málrit

2 Einstaklingsverkefni

2.1