

# 2009 Solutions

## (I) BgAdj

Below are phrases in Bulgarian and their translations into English:

	Bulgarian phrase	English translation
1	červeni yábəlki	red apples
2	kósteni iglı	bone needles
3	studěni napitki	cold drinks
4	dosádni decä	boring children
5	obiknoven čovék	ordinary person
6	gněvni důmi	angry words
7	červen plod	red fruit
8	lěnen plat	linen fabric
9	sóčni plodové	juicy fruits
10	kőžni zabolyavaniya	skin diseases
11	gněven sədiyä	angry judge
12	ríbeni kyuftëta	fish croquettes
13	kirpičeni kăsti	adobe houses
14	kőženi rəkavici	leather gloves
15	lěsen ıspit	easy exam
16	cenni knigi	precious books
17	sóčen greypfrut	juicy grapefruit
18	cěnen predmët	precious object

*In Bulgarian, the adjectives agree in number with the nouns they qualify. Thus, a noun in plural is accompanied by an adjective in plural, and a noun in singular is accompanied by an adjective in singular.*

*The formation of the plural of the nouns is complex and cannot be deduced from the data presented in this problem. The specific noun plural form is not relevant to the formation of the plural of the adjective which accompanies it.*



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I. The problem presents only a partial picture of the formation of the plural of the adjectives. The three rules could be formulated in various ways, essentially equivalent to the following:

A.If the singular ends in **-en** (stressed), then just add **-i**: **červen** : **červeni**. (15%)

B.If the adjective indicates from what matter the noun is made, then just add **-i**: **kosten** : **kosteni**. (25%)

C.In all other cases, drop the final **e** and add **-i** : **gneven** : **gnevni**. (10%)

II. In brackets, after each adjective, the rule symbol is given (this will vary according to the order in which the rules are listed!):

∅	<b>obiknoveni</b> (A) proceduri	ordinary procedures
∅	<b>ləsn̩i</b> (C) uroci	easy lessons
2	<b>r̩ibni</b> (C) restorant i	fish restaurants
2	<b>kostni</b> (C) zabolyavani ya	bones diseases
3	<b>ləneni</b> (B) čaršafi	linens sheets

For each correctly formed plural, 10% of the full score awarded. Nothing accorded if error whatsoever; score awarded if there is misspelling irrelevant to the problem, e.g. **obikoveni** instead of **obiknoveni**.

