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Ðāññí í òðāí ū íñíāāííñòē í ðí ò āññēí í àēúíāíē í íāāí ò íāēē í āāāāíāíā-íñēŌíēíāíā íā íñííāā āēñðāíŌēííí ū Ō íāðāçíāāðāēúí ū Ō òāŌííēíāēē ā íāāāíāē-āñēí Ī āŌçā.

Ēēþ-āā ū āñēíāā: í ðí ò āññēí í àēúíāy í íāāí ò íāēà, āēñðā í Ōēíííā íāŌ-āíēā, āēñðā í Ōēíííā íāðāçíāā ò āēū-í ū òāŌííēíāēē, íāāāíā-íñēŌíēíā.

Í òā-āñðāāí íāy íāāāíāēēā ðāñí íēāāāā ò íā ðēðí ū Ī íāŌ-íí-íðāēðē-āñēē Ī Ī òāðēāēí Ī Ī ñðāāñðāāŌ, Ōíð-Ī āŌ ē Ī òāíāāŌ Ī ðí ò āññēí í àēúíāíē í íāāí ò íāēē áŌáŌ-Ū èŌ íāāāāíāíā-íñēŌíēíāíā ē Ī ðí ò āññēí í àēúíāíē āāy-ðāēúí íñðē, ò òí íāāñíā-ēāāā ò ĪñííāŌ āēy āāēúíāē ð èŌ ēññēāāíāāíēē ā íāēāñðē ā ūñŌāāí íāāāāíāē-āñēíāí íāðāçíāāíēy. Ā ñāyçē ñ yŌē Ī āñðāāŌ āí Ōíðñ íā Īñííāíē í íāāí ò íāēēā íāāāāíāē-āñēēŌ ēāāðíā, ñí Īñííāí ū Ō íā-ēāāāŌū āēñðāíŌēííí ū Ī ē íāðāçíāāðāēúí ū Ī ē òāŌííēí-āēy Ī ē ē āíñðāŌí-íí Ōíðí Ű Ī íðēāíŌēðíāāðūñy ā Ī òí-ēā ē íŌíðí āŌēē ā ñí íŌāāñðāēē ñ ēí íŌāíŌŌāēúí ū Ī íā-íðāāēāíēā Ī ē çāāā-ā Ī ē ē íŌíðí āðēçāŌēē íā ū āñðāā yāēy þ ù āēñy yēā Ī āíŌí Ī ñíāðā Ī āí ííē ēŌēūðŌū.

Ñāāíāíy Ī íēíí ēí íñðāðēðíāāðū, òí ā íāāāāíāē-āñēí Ī āŌçā Ōāēā ðāçðāāíðāí ū ē āíāāðāí ū ñēñðā Ī Ī íāāí ò íāēē íāāāāíāíā-íðāāíāðíēēíā (Ōēçēēā, Ī āðā-Ī āðēēā, ē íŌíðí āðēēā) ē ēñí íēūçíāāíē þ ē íŌíðí āŌē-íí ū Ō òāŌííēíāēē ā Ō-āāíí Ī ðí ò āññā ē āíñðēāíŌðū Ī íðāāāēāíí ū ā ŌñíāŌē ā íāāāí ò íāēēā íāāāāíāíā āēy ðāāíðū ā ŌñēíāēyŌ ē íŌíðí āðēçāŌēē íāðāçíāāíēy. Í āíāēí íā Ō ííā āíñðēāíŌðíāí āñā -āð-ā Ī íðāāāēy þ ò-ñy íā ū ā ðāāíāāíēy ē íðāāíēçāŌēē, ñíāāðāēāíē þ ē Ī ðí ò āññŌ yŌíē íāāāí ò íāēē íā Īñííāā āēñðāíŌēííí ū Ō íāðāçíāāðāēúí ū Ō òāŌííēíāēē ā íāāāāíāē-āñēí Ī āŌçā. YŌí ē Ī āāð Ī āñŌí ē ā íāāāí ò íāēēā áŌáŌ ū èŌ íāāāāíāíā-íñēŌíēíāíā [1].

Ñíāðā Ī āí í ū ā ðāāíāāíēy ā ūñŌāāí íāðāçíāāíēy ē Ōðíāí þ Ī ðí ò āññēí í àēúíāíē íāāāí ò íāēē áŌáŌ ū èŌ íā-āāāíāíā-íñēŌíēíāíā íðāāūyāēy þ ò íāíāŌíāē Ī Īñðū ā ē íŌíðí āŌēííí ē íāāāí ò íāēēā, íāyçāðāēúíāíē ñíñðāāēy þ ù āē íāðāçíāāðāēúíāíē Ī ðí ò āññā, íāíðāāēāííē íā íāāāí ò íāēēŌ íāāāāíāíā, āēāāþ ù èŌ çíāíēy Ī ē íā Īñ-ííāí ū Ō çāēíí Ī āðííñðyŌ Ī ðí ò āēāíēy ē íŌíðí āŌēíí-í ū Ō Ī ðí ò āññā ā ñíŌēíŌāŌíē-āñēēŌ ñēñðā Ī āŌ ē ñíí-ñíāí ū Ō yŌ Ōāēēēāíí ē ēñí íēūçíāāðū ñðāāñðāā ē íŌíðí ā-ðēçāŌēē āēy ðāŌāíēy íçíāāāðāēúí ū Ō ē íðāēðē-āñēēŌ çāāā-. Ē íŌíðí āŌēíííāy íāāāí ò íāēēā āíēēā íŌāāðū-āāðū Ōíðí ēðíāāíēā Īñííāí ū Ō ŌíŌēēē, Ōāðāēðāðí ū Ō

āēy Ī ðí ò āññēí í àēúíāíē āāyðāēúí íñðē: āēāāí íñðē-āñ-ēíē, ē íŌíðí āŌēííí ē, ēí íñðŌŌēēēāíí-íðíāēēēðíāí-ííē, íðāāíēçāðíðñēíē, ēí Ī Ī ŌíŌēēāðēāííē, Ī ðíāí íñðē-āñēíē, ēññēāāíāāðāēūñēíē ē íŌāíí-ííē. Ī ðí ò āññē-í àēúíāy íāāāí ò íāēēā íāāāāíāíā-íñēŌíēíāíā íā Īñíí-āā āēñðāíŌēííí ū Ō íāðāçíāāðāēúí ū Ō òāŌííēíāēē -yŌí íāðāŌíā ēç ñēñðā Ī ū āŌçíāñēíē íāāāí ò íāēēā ā ñēñðā Ī Ō Ī ðí ò āññēí í àēúíāíē āāyðāēúí íñðē, ēíŌíðāy çāēē þ-āāð-ñy ā ñðāāēēúííí ē Ī íðē Ī āēúíí Ī ā ū Ī íēíāíēē Ī ðí ò āñ-ñēí í àēúí ū Ō íāyçā í íñðāē ñ ēñí íēūçíāāíēā Ī āēñðāí-Ōēííí ū Ō íāðāçíāāðāēúí ū Ō òāŌííēíāēē.

Ē Īñííāāííñðy Ī ðāāēçāŌēē Ī ðí ò āññēí í àēúíāíē íāāāí ò íāēē ñ Ī ðē Ī āíāíēā Ī āēñðāíŌēííí ū Ō íāðāçíāā-ðāēúí ū Ō òāŌííēíāēē ā íāāāāíāē-āñēí Ī āŌçā ñēāāŌāð íðíāñðē Ī ðē íŌēí ū ðāāēçāŌēē Ī íāāēē āēñðāíŌēíííí-āí íāŌ-āíēy (íðē íŌēí āāyðāēúí íñðííāí Īñāíāíēy Ī ā-ðāðēāēā; íðē íŌēí ñíā Ī āñŌííē āāyðāēúí íñðē ñŌāūāēŌíā íāðāçíāāðāēúííāí Ī ðí ò āññā, ŌāðāēðāðēçŌ þ ù āēñy āēā-ēíāē-ííñðū þ, ðāŌēāēñēāííñðū þ; íðē íŌēí āçāē Ī íāāē-ñðāēy ñŌāūāēŌíā íāðāçíāāðāēúííāí Ī ðí ò āññā ðāçííāí Ōðíāíy; íðē íŌēí ñāyçē ñēðŌāðēāíí-íðí ò āññēí í àēúíāíē íāíðāāēāíííñðē āēñðāíŌēíííāí íāŌ-āíēy; íðē íŌēí Ī Ī ðí ū íā Ōíðí ēðíāāíēā Ōíāíēē íðāāíēçāŌēē ñā Ī Ī-ñŌíyðāēúííē ííçíāāāðāēúííē āāyðāēúí íñðē ā íðēðūðí Ī íāðāçíāāðāēúííí Ī ðíñððāíñðāā); íāāāāíāē-āñēēā Ōñ-ēíāēy (íðāāíēçāŌēííí ū Ō Ōíðí ū, āēāāēðē-āñēíā íāāñ-íā-āíēā āēñðāíŌēíííāí íāŌ-āíēy, íāāāāíāē-āñēēē ēí íððíēū Ī ðē āēñðāíŌēíííí Ī íāŌ-āíēē, āíðíāííñðū íāŌ-āā Ī ū ē ñā Ī ññŌíyðāēúííē ðāāíðā ā ðāāē Ī ā āēñðāí-Ōēíííāí íāŌ-āíēy, íāāāí ò íāēēā íāāāāíāíā āēy ðāāíðū ā ñēñðā Ī ā āēñðāíŌēíííāí íāŌ-āíēy; Ī āðíā ū ē ñðāā-ñðāā ðāāēçāŌēē íāāāāíāē-āñēēŌ Ōñēíāēē).

ĀēñðāíŌēííí ū ā íāðāçíāāðāēúí ū ā òāŌííēíāēē āñ-ðāñðāāíí ū Ī íāðāçí Ī ē íŌāāðēðŌ þ òñy ā ñēñðā Ī Ō Ī ðí-ðāññēí í àēúíāíē íāāāí ò íāēēā áŌáŌ ū āāí íāāāāíāā-íñē-Ōíēíāā, āíííēíy ū ē ðāçāēāy āāí. ðāçāēðēā ñēñðā Ī ū āēñðāíŌēíííāí íāŌ-āíēy Ī íā ū Ō āāð ēā-āñðāí íāāāí-ðíāēē áŌáŌ ū èŌ íāāāāíāíā-íñēŌíēíāíā çā ñ-āð:

īnēōīēīāī-īāāāīāē-āñēē ñīīđīāīāēāīēāī īđīōāñ-
ñēīīāēūīīē īīāāīōīāēē íā īñīīāā āēñōāīōēīīīūō
īāđāçīāāōāēūīūō ðāōīīēīāēē.

Áāæīīē īñīāāīīīñōūþ ēīōīđīāōēīīīī-īāđāçī-
āāōāēūīīē ñāāū yāēyāōny íāēē-ēā āēđōōāēūīūō ñī-
íā ù āñōā, īīçāīēyþ ù ēō īđāāīēçāōēīāāōū āēđōōāēūīīā
āçāēīīāāēñōāēā ñ āđōāēīē ñōāūāēōāīē īāđāçīāā-
ōāēūīīāī īđīōāññā. Çāāñū īđāāōñī āōđēāþñōy đāç-
ēē-íūā ōīđīū āçāē īīāāēñōāēy: āēđōōāēūīūā īđāē-
ōēēē, ðāēāēī īīōīēēāōēīīīūā, íāō-íūā īđīāēōū,
īđīāēōū āīñīēōāōāēūīīāī īēāīā ē āđ. Īđē īđāāīē-
çāōēē āçāē īīāāēñōāēy ñōōāāīōīā ñī øēīēūīēēāī ē ā
ōāēīē ñāāā ñōōāāīōāī ē - īāāāāīāāī ē-īnēōīēīāāī ē
īđēīāđāōāāōny īīūō īnēōīēīāī-īāāāāīāē-āñēīāī āīç-
āāēñōāēy íā øēīēūīēēīā. Á āēūīāē øāī īīēō-āī-
íūē āēđōōāēūīūē īnēōīēīāī-īāāāāīāē-āñēēē īīūō
īāđāīīñēōny íā đāāēūīōþ īđīōāññēīīāēūīōþ āāy-
ōāēūīīñōū.

Èāæāūē yēāī āīō ēīōīđīāōēīīīī-īāđāçīāāōāēūīīē
ñāāū īāāāāīāē-āñēīāī āōçā ēīāāō īnēōīēīāī-īāāā-
āīāē-āñēīā īāāñīā-āīēā, īñō ù āñōāēyāī íā īnēōīēīāī-
īāāāāīāē-āñēēē ñīīđīāīāēāīēāī īđīōāññēīīāēūīīē
īīāāīōīāēē íā īñīīāā āēñōāīōēīīīūō īāđāçīāāōāēūī-
íūō ðāōīīēīāēē. Īnēōīēīāī-īāāāāīāē-āñēīā ñīīđī-
āīāēāīēā īīçāīēyāđ īīāāāđāēāāōū ñēñōāī āōē-āñēēē
ēīōđīēū āēñōāīōēīīīīāī ō-āāīīāī īđīōāññā, īñō ù ā-
ñōāēyōū īnēōīēīāē-āñēōþ āāāīōāōēþ ñōōāāīōā - īāāā-
āīāā-īnēōīēīāā ē āēñōāīōēīīīīō íāō-āīēþ, ē īñō-
ù āñōāēāīēþ īđīōāññēīīāēūīīē īāāāāīāē-āñēīē āā-
yōāēūīīñōē ā ñēñōāī ā īōēđūōīāī īāđāçīāāīēy, īīçāī-
ēyāđ īđāīāīēāōū ðāōīōīāēþ, ōīāēþ «īōēđūōīāī īđī-
ñōđāīñōāā», ōīāēþ «āēñōāīōēīīīīāī íāō-āīēy» (ñā-
īñōīyōāēūīīāī íāō-āīēy). Īīyōđīō āēēþ-āīēā īnē-
ōīēīāī-īāāāāīāē-āñēīāī ñīīđīāīāēāīēy ñīīñīāñōāō-
āđ yōōāēēēāīīē īđāāīēçāōēē āēñōāīōēīīīāī íāō-ā-
īēy.

Īñīīāō ēīōīđīāōēīīīī-īāđāçīāāōāēūīīē ñāāū
āōçā ñīñōāāēyāđ īāđāçīāāōāēūīīē īīđōāē. Īāīēī ēç
ēēþ-āāūō āñīāēōīā ñīçāāīēy īīđōāēīā yāēyāōny ōīđ-
īēđīāāīēā īāōāīēçīīā, íāāñīā-ēāāþ ù ēō īīāāāđāēō
ēīōīđīāōēīīīī-īāđāçīāāōāēūīīē ñāāū ā āīñōđāāīāāī-
īīī đāāī-āī ñīñōīyīēē. Īāđāçīāāōāēūīīē īīđōāē ñī-
īōāāñōāōāō ñōđōēōđā ēīōīđīāōēīīīī-īāđāçīāāōāēūīīē
ñāāū, íā āāī īñīīāā đāāēēçōāōny īnēōīēīāī-īāāāāī-
āē-āñēīā ñīīđīāīāēāīēā ō-āāīīāī īđīōāññā.

Īnēōīēīāī-īāāāāīāē-āñēīā ñīīđīāīāēāīēā íā īñ-
īīāā āēñōāīōēīīīūō īāđāçīāāōāēūīīūō ðāōīīēīāēē īō-
đāæāāđ ōñēīāēy īīāū øāīēy yōōāēēēāīīñōē āāyōāēūīī-
ñōē īāāāāīāā-īnēōīēīāā ā ōñēīāēyō ēīōīđīāōēçāōēē
īāđāçīāāīēy, īīçāīēyāđ īīāāāđāēāāōū īñōīyīīūē ēīī-
ōđīēū ō-āāīī-āīñīēōāōāēūīīāī īđīōāññā, īñō ù āñōāēyōū
īnēōīēīāē-āñēōþ āāāīōāōēþ ñōōāāīōā ē āēñōāīōēīī-
íūī īāđāçīāāōāēūīīūō ðāōīīēīāēyī, ē īñō ù āñōāēāīēþ
īđīōāññēīīāēūīīē īnēōīēīāī-īāāāāīāē-āñēīē āāyōāēūī-
īñōē ā ñēñōāī ā īōēđūōīāī īāđāçīāāīēy.

Āēy ōīđīēđīāāīēy ē īīāū øāīēy ōđīāīy īnēōīēī-
āī-īāāāāīāē-āñēēō çīāīēē ōīāīēē ē íāāūēīā íā īñ-

īīāā āēñōāīōēīīīūō īāđāçīāāōāēūīīūō ðāōīīēīāēē ī ù
đāçđāāīōāēē ñēāāōþ ù ōþ īāāāāīāē-āñēōþ ñēñōāīō,
ēīōīđāy īđāāñōāāēāīā ā āēāā īīāāēē.

Áāæīāē øēī çāāīīī īđīōāññēīīāēūīīē īīāāīōīā-
ēē ā yōīē īīāāēē yāēyāōny īđāēōē-āñēāy īīāāīōīāēā,
īīçāīēyþ ù āy ñōōāāīōāī īāēāāāōū íāō-īī-ōāīđāōē-āñ-
ēēīē, ō-āāīī-īāōīāē-āñēēīē, āīñīēōāōāēūīīūō ē çīā-
īēyīē, ōīāīēyīē ē íāāūēāīē, íāīāōīāēīūīē īđē
īđīōāññēīīāēūīīē āāyōāēūīīñōē.

Āñāyçē ñ yōēī ī ù īđāāēāāāāī īñō ù āñōāēyōū īđāē-
ōēēō ā ñēñōāīā «Īāāāāīāē-āñēēē āōç-øēīēā», ēīōī-
đāy ñīñōīēō ēç āāōō īīāñēñōāī: øēīēūīīē ē āōçīāñ-
ēīē, āēēþ-āþ ù ēō đyā ñōđōēōđōđīūō ē ōōīēōēīīāēū-
íūō ēīī īīīāīōīā, íāūāāē íāīīūō ñ īīīīūþ āēñōāī-
ōēīīīūō ðāōīīēīāēē.

Đāçđāāīōāīīāy íāīē ñēñōāīā «Īāāāāīāē-āñēēē āōç-
øēīēā» ōōīēōēīēđōāō ā āāāēāāōīūō ōñēīāēyō đāāēū-
īīē īnēōīēīāī-īāāāāīāē-āñēīē āāyōāēūīīñōē ē āūñ-
ōōīāāō ēāē īđīōāññ īđēīāīāīēy āōāō ù ēīē ñīāōēāēē-
ñōāī ē çīāīēē, ōīāīēē ē íāāūēīā ā øēīēūīīē ñēñōāīā
íāō-āīēy ē āīñīēōāīēy. Īđīāīāy īnēōīēīāī-īāāāāī-
āē-āñēāy āāyōāēūīīñōū āēy ēāæāīāī ñōōāāīōā ñōāīī-
āēōny īāñōīy ù āē øēīēīē īīñōēæāīēy īđīōāññēīīāēū-
īīāī īāñōāđñōāā.

Āđāçōēūđāō đāçđāāīōēē ē āīāāđāīēy yōēō yēāī āī-
ōīā īđīōāññ īđīōāññēīīāēūīīē īīāāīōīāēē īđāīāđā-
çōāōny ā ñēñōāīō, íāēāāþ ù ōþ íīāīē ōāēñōīīñōūþ
ē íāīđāāēāīīñōūþ íā īīāāīōīāēō īāāāāīāē-āñēēō
ēāāđīā, ñīīōāāñōāōþ ù ēō ðāāāīāāīēyī ēīōīđīāōē-
īīīīāī íā ù āñōāā.

Ā īđīōāññā ēññēāāīāāīēy āūēē ñīçāāīū ē āīāāđā-
íū ā īđīōāññ īđīōāññēīīāēūīīē īīāāīōīāēē īāōīāē-
-āñēīā īñīāēā «Īđāāīēçāōēy āēñōāīōēīīīāī íāō-
-āīēy ā īāāāāīāē-āñēīī āōçā», íāō-íīā ēçāāīēā «Īñē-
ōīēīāī-īāāāāīāē-āñēīā ñīīđīāīāēāīēā īđīōāññēī-
īāēūīīē īīāāīōīāēē āōāō ù ēō īāāāāīāīā-īnēōīēīāīā
íā īñīīāā āēñōāīōēīīīūō īāđāçīāāōāēūīīūō ðāōīīēī-
āēē; yēāēōđīīīīā ō-āāīīā īñīīāēā «Īđāāīēçāōēīī-
īāy đāāīōā ā ēīōāđīāđā»; yēāēōđīīīīā īāōīāē-āñēīā
īñīīāēā íā ēāçāñēīī yçūēā «Īāāāāīāēēāēūē æīāā-
đū īēō īđīī íāāāū ēāøūēōūēōāī īēūōōā ōēūī āāñ-
ōūđō; āāçā āāīīūō «STUDENT_DO» [4, 5].

Āēy īīđāāāēāīēy yōōāēēēāīīñōē īđāāēīāēāīīē
ñēñōāīū āūē īđīāāāāī yēñīāđēīāīō īī đāçđāāīōāī-
īīē īāōīāēēā.

Īāāāāīāē-āñēēē yēñīāđēīāīō īđīāīāēēny ñī ñō-
āāīōāī ē ñīāōēāēūīīñōē 050103 «Īāāāāīāēēā ē īnēōī-
ēīāēy» í-īīē ē çāī-īīē ōīđī íāō-āīēy íā āāçā Īāā-
ēīāāđñēīāī āīñōāāđñōāāīīāī īāāāāīāē-āñēīāī ē īñōē-
ōōā. Īāūāī āūāīđēē (ēīēē-āñōāī ñōōāāīōīā ēīō-
đīēūīīē ē yēñīāđēīāīōāēūīīē āđōīī) āūē īīđāāāēāī
ā 180 ÷āēīāāē (90 ÷āēīāāē ā yēñīāđēīāīōāēūīīē āđōī-
īā ē 90 ÷āēīāāē - ā ēīīōđīēūīīē).

Īđīāāđēā yōōāēēēāīīñōē īāāāāīāē-āñēīē ñēñōāī ù
īđīāīāēēāñū ā āāōō ēđēōāđēyō:

1) īīđāāāēāīēā ōđīāīy ñōīđīēđīāāīīñōē īnēōī-
ēīāī-īāāāāīāē-āñēēō çīāīēē;

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nòííáí íáó-áíey;

- ì àæàèñòè íeè íáðí úé òàðàèòáð íáó-áíey;

í íçáíeyáð çààáèñòáííáòú ì ùñeèòáèúí úá í íáðàòèè [5]:

- áíàèç - ì ùñeáíííá ðàñ-èáíáíeá òáèíñòííe ñòðòéòóðú íáúáèòà íððàæáíey íá ñíñòààèyþ ù eá yéá-ì áíòú;

- ñè íòáç - áíññíáàè íáíeá yéáì áíòíá á òáèíñòíóþ ñòðòéòóðó;

- ñðááíáíeá - òñòáííáèáíeá yéáì áíòíá ñòíáñòáà è ðáçèè-èy;

- íáíáúáíeá - áúááèáíeá íáúèòò íðeçíáèíá íá ñíííáá íáúáàè íáíey ñóú ííñòíúò ñáíeñòá èèè ñòíá-ñòáà;

- ááñòðáàèðíááíeá - áúááèáíeá eàèíe-èeáí ñòí-ðííú èèè áñíáèòà yáèáíey, éíòíðíá á ááèñòáèòáèúí íñ-èè eàè ñàì íñòíyòáèúí íá íá ñóú áñòáòáò;

- éííeðáðeçáòèy - ìðáèá-áíeá ìò íáúèòò íðeçíá-èíá è ííá-áðèèááíeá ÷áñòííáí, ááè íe-ííáí;

- ñèñòáì áðeçáòèy, èèáññeòèèáòèy - ì ùñeáíííá ðàñíðááèáíeá ìðááìáòíá è yáèáíeé íí áðòííáì è ííááðòííáì.

Áñá yòè í íáðàòèè yáeyþòny ðáçèè-íú ì è ñòíðí íá-ì è ñíííáííe í íáðàòèè ì ù øéáíey - í íñðááíááíey (ò. á. ðàñèðúðey áñá áíeáá ñóú áñòááí íúò ñáyçáè è ìò-íí øáíeé) [5, ñ. 65-66].

Ó-áñòú çàèííí áðííñòè íáó-íúò ñíííá ñíòeàèy-ííáí ííúòá í íçáíeyáð ññeòíeíáè-áñeáy ðáíðey ííyðáí-ííáí òíðì èðíááíey òíñòááíííe ááyòáèúííñòè, éíòí-ðáy íáúyñíyáð íðeðíáò òñáíáíey ÷áèíááèíí ñíòeàèy-ííáí ííúòá è áááð ñíííááíey áey ðáçðááííeè ì áòíáè-èè íáó-áíey èþáííò ìðááìáò. Òáíðey ííyðáíííáí òíðì èðíááíey òíñòááííúò ááèñòáèè è íííyðeé, á éí-òíðíe íáèáíeáá ííeíí è éí íñòðòéòeáíí ìðááñòááèáí ú çàèííí áðííñòè ìðíòáññá òñáíáíey, áíçíeèèá íá ññ-ííáá ìðeìáíáíey èçááñòíú ì ññeòíeíáíí Í. B. Áàèy-íáðeíú ì ááyòáèúííñòííáí ííáòíáà è ìðíòáññó íáó-á-íey [6].

Ñíáèáñíí yòíe ðáíðeè, ìðíòáññ òñáíáíey ííáúò áèáíá íçíááàðáèúíííe ááyòáèúííñòè, à ñeááíáà-ðáèúíí, è áòíáyù èò á íáá ííáúò çíáíeé, áèèþ-÷ááð øáñòú ñíííáííúò yòáííá. ðáçòéúòáðí ì íáó-áíey yáeyáòny òíðì èðíááíeá ðáçèè-íúò áèáíá íçíááàðáèúíííe ááyòáèúííñòè èèè ìðááèúííúò áá yéáìáíòíá: íííyðeé, ìðááñòááèáíeé, ðáçèè-íúò òíñòááííúò ááèñòáèè.

I yòáí - íçíáèííeáíeá íáó-ááìííá ñ òáèyþ ááè-ñòáèy è ñíçááíey ó íááí íáíáòíáè ì íé ì ìðeáàòèè.

II yòáí - ðáçúyñíáíeá íòðè áú ííeííáíey ááèñòáèy è ñíñòááèáíeá ìðeáíòeðíáí-ííe ñíííáú ááèñòáèy. Íðeáíòeðíáí-íáy ñíííáá ááèñòáèy (Í ÍÁ) - ñèñòáì à òeàçáíeé (ìðeáíòeðíá), ííeüçòyñú éíòíðú ì è ÷áèíááè áú ííeííáí çàááííá ááèñòáèá. Í ÍÁ ì íæáò áúòú ìðáá-ñòááèáíá íáó-ááìííò ííeííe, ò. á. áíñòáðí-ííe áey ìðááèèúííáí áú ííeííáíey ááèñòáèy è ííeò-áíey ðá-áòáì íáí ðáçòéúòáðá íáó-áíey èèè íáííeííe, éíááá íáó-ááìíúè áíeæáí ñàì ííðááèèèèú íááíñòáþ ù eá ìðeáí-òeðú, íáíáòíáè ì úá áey áú ííeííáíey ááèñòáèy. È, íá-

éííáò, íáó-ááìííò ì íæáò áúòú ìðááíñòááèáíá áíç-ì íæííñòú ñàì íñòíyòáèúííáí ííñòðíáíey Í ÍÁ íá ññ-ííáá èìáþ ù èòny ó íááí çíáíeé èèè áúáíðá íáèíòí-ðúò ìðeáíòeðíá èç ÷èñèà ðáíáá èñííeüçíááííúò á áðòáèò ááèñòáèyò.

III yòáí - áú ííeííáíeá è òíðì èðíááíeá ááèñòáèy á ì áòáðeáèúííe èèè ì áòáðeáèeçíááíííe òíðíá. Ì áòá-ðeáèúííá ááèñòáèá - yòí ááèñòáèá ñ ðááèúííú ì è ìðáá-ì áòáì è.

IV yòáí - òíðì èðíááíeá ááèñòáèy eàè áíáø íáðá-÷ááíáí (á òíðì á òñòííe èèè ì èñúìáíííe çáíeñe ðá-è).

V yòáí - òíðì èðíááíeá ááèñòáèy á ðá-è ìðí ñááy. Í á yòí ì yòáíá ìðíeñòíáèò ìðíáíáàðeááíeá ìðí ñááy áú ííeííáí ùò í íáðàòèè, ìðe yòí ì ðá-ù áúñòðí è ñèèy-íí ñíeðá ù ááòny è ìðíáíáàðeáááòny òí, ÷òí íá ííeííí-òüþ òñáíáíí, íáyñíí, íáíííyòíí.

VI yòáí - áú ííeííáíeá ááèñòáèy òíñòááííí, ì ùñ-èáííí (áíòóðáííyð ðá-ù íáðáòíáèò á ì ùñeü).

Á ðáçòéúòáðá òíðì èðíááíey òíñòááíííáí ááèñòáèy á ñííòááòñòáèè ñ ííñeááíáàðáèúííñòüþ íáðá-èñeáí-íúò yòáííá, áíáø íeá íí ñáíáè òíðíá ìðíòáññú ìðá-íáðáçòþòny á ìðíòáññú, ìðíòáèáþ ù eá á òíñòááííí íeáíá, ñíçíáíeè. Íðe yòí ì ííe íáíáúáþòny, ñíeðá-ù áþòny, ááòí ì áðeçèðòþòny, ñòáí íáyòny ñíííáííú ì è è ááèúííáè øáìò ðáçáèèèþ.

Á ìðíòáññá òíñòááíííáí ðáçáèèèy íáíe çááíúy íí-çíááàðáèúíííe ááyòáèúííñòè áú á òíeüéí òíðì èðòþòny, ìðíòíáyò ìðíòáññ è íáððeíðeçáòèè (ìðááíá áíáø íeè ááèñòáèè áí áíòóðáííá ñíí ùñeáíeá), áðòáèá, ðáíáá ñòíðì èðíááííúá, ì íáòò è yèñòáðeíðeçíááòny.

Òáíáñòíðì èðòy yòáíú ðáíðeè òíðì èðíááíey òí-ñòááííúò ááèñòáèè è íííyðeé è áíçðáñòííe èáòááííeè è ñííááíííny ì íáó-áþ ù èòny á áòçáò, ñòááy çááà-ò ðáçáèèèy èðáàðeáííáí ì ù øéáíey, ðàñøèðáíey èðòáí-çíðá, òíðì èðíááíey ñííííáííñòáè íáó-áþ ù èòny è ìðeìáíáíeþ çíáíeé íá ìðáèèèeá, íí èðáéíáè ì áðá, íáðáúá ððè yòáíá yòíe ðáíðeè ì íáíí èñííeüçíááòú á ìðíáèòíí-ìðááíeçíááííí íáó-áíeè. Ó-èòúááy, ÷òí ìðe ìðe ì áíáíeè ìðíáèòíí-ìðááíeçíááíííáí íáó-áíey ááí yòáíú á óáòò íáñòæááòny, éííòðíeèðíááòny eáè ìðáííááàðáèáí, ðáè è èèááðí ì ìðíáèòá, ì íæíí áíáí-ðeòú í ÷áñòe-ííí áèèþ-áíeè è áðòáèò yòáííá, íáíðe-ì áð ðáòeáèñeè èèè ñíí ùñeáíey. Íðe yòí ì ìðáííáà-áàðáèy áóááð èáðáðú ðíeü ðüþòíðá, ò. á. íí áíeæáí áí-íðòæèèú íáó-áþ ù ááíny ííðááèáíííú ì è ìñeèòáèy-íú ì è ìñòðòíáíòáì è íçíáíey è ííááíòíáèòú á ñííò-ááòñòáèè ñ ááí ññeòíðeçèíeíáè-áñeè ì è áíçí íáííñ-òy ì è íííyðeéíóþ ñòðòéòóðò ñíáàèáááí íáí è ì ìðáá-ì áòííáí ñíááðæáíey. Òáí ñàì ù ì íí íá òíeüéí áèè-áèçèðòáò, íí è ííðe ì èçèðòáò íçíááàðáèúííóþ áèèè-ííñòú ñòóáííá.

Ì áæàèñòè íeè íáðí úé òàðàèòáð íáó-áíey íáòñeíá-èáí ñííááíííny ì è ó-ááííáí ìðíòáññá ðáòíe-áñeíáí òíeááðñeòáðá. Ñíáòèòèèá ó-ááííáí ìðíòáññá á ðáò-íe-áñeíí òíeááðñeòáðá ñíñòíeð á ìðáèèe-áñeíe íá-ìðáèáíííñòè èçò-ááì ùò áèñòè íeèí, ìðe yòí ì òeçè-èá ìðááñòáèyáð ñíáíe óóíááíáíòáèúííóþ ñíííáò áèñ-

ōēīēēī đāđīē-āñēīāī īāīđāāēāīēy (yēāēđīđāđīēēā, īēđīyēāēđīīēēā, īāđāđēāēīāāāīēā, nīīđīđēāēāīēā īāđāđēāēīā, īđēēāāīāy īāđāīēēā, đāīđāđē-āñēāy īā-ōāīēēā, āāīōēēēēā ē āđ.), īāā đāēāā nāyçāīā n āēñ-ōēīēēīāī ē āōīāīēđāđīīāī ē yēīīīīē-āñēīāī īā-īđāāēāīēē (ōēēīñīōēy, ēñōīđēy, yēīīīīēēā ē āđ.); ò. ā. òēçēēā ā đāđīē-āñēīī ōīēāāđñēđāđā yāyēāđñy īñ-īīāīē āçāē ī nāyçāīī ūō āēñōēīēēī, āçāē ī īāāēñđāō-þ ūēđ ō-āāīīī īđīōāññā n nōāūāēōīī (īāō-āþ ūēī-ñy). Āūyāēā òēçē-āñēōþ īñīīāō īđīāēđā, ā đāēāā nāyçē òēçē-āñēīē īñīīāū n āđōāēīē āēñōēīēēīāīē (īāīđēīāđ īāđāīāđēēīē ē òēīēāē) ē āēñōēīēēīāīē īāīđāāēāīēy, ēīīāīāā nōōāāīōīā īīēāđ āūñđīēđū nōđōēđōđīōþ ē ēīīñđōēđīđñēōþ -āñđē īđīāēđā. Ō-ē-đūāy āū ōāñēāçāīīīā, nōđōēđōđō āūīīēīāīēy īđīāē-đā īīēīī āūñđīēđū nēāāōþ ūēī īāđāçīī:

1. Āīēāēđīāāīēā nōōāāīōīā ē ōīđīēđīāāīēā ēī-īāīā, ā đāēāā āūyāēāīēā ēēāāđīā ēīīāīā, đāñīđāāā-ēāīēā nōōāāīōīā īī đōđīīāī īā īñīīāā ēē-īīñđīī īđē-āīōēđīāāīīāī īāđīāā.

2. Īđāāñōāāēāīēā īāēāīēāā ē īđāđāñī ūō āy nōōāāī-ōīā nōīđīī āūīīēīāīēy īđīāēđā: đāīđāđē-āñēēā çīāīēy ē īđāēđē-āñēēā īāāūēē, īāđāđēāēūīāy çāē īđāđāñīāāī-īñđū īđē āīāāāīēēē īđīāēđā ēēē īāō-ī ūō ēññēāāīāā-īēē āī đāçōēūđāđā, āīñđāāīāāīīāī çāēāç-ēēāī ē.

3. Đāñīđāāāēāīēā ēīīīāīā īī īđīāēđāī.

4. Īīñđāīīāēā ōāēāē, çāāā- īđīāēđōīā ē nīçāāīēā ōñēīāēē āy ī īđēāāōēē nōōāāīōīā (đāçđāāđūāāþñy nīāīāñđīī īđāīīāāāđāēyīē ē đāçđāāīđ-ēēāī ē đāī īđīāēđīā, ā ēā-āñđāā ēīđīđīōō īīāōō āūñđōīāđū nīđđōā-īēēē āūīōñēāþ ūēđ ēāđāāđ).

5. Āūyāēāīēā òēçēēī-ōēīē-āñēēō īñīīā īđīāēđīā, ā đāēāā nāyçāē òēçēēī-ōēīē-āñēēō īñīīā n āēñōēī-ēēīāīē īāīđāāēāīēy īđē đūþđīđñēīī ō-āñđēē īđāīī-āāāđāēy.

6. Īēāīēđīāāīēā nīāāđāēāīēy īđīāēđā ē đāñīđāāā-ēāīēā īāyçāīīīñđāē īāēāō-ēāīāī ē ēīīāīāū.

7. Đāçđāāīđēā nīāāđāēāīēy īđīāēđā, āāī đāīđāđē-āñ-ēīā īīēñāīēā. Āīçī īāēī ūāā āāđēāīōā:

- nīāāđāēāīēā īđīāēđā ē đāīđāđē-āñēīā īīēñāīēā đāçđāāđūāāþñy īđāīīāāāđāēyīē;

- nīāāđāēāīēā īđīāēđā ē đāīđāđē-āñēīā īīēñāīēā đāçđāāđūāāþñy nōōāāīđāī ē, īāñōāāþñy ā ēīīāī-āā ē đōāāđāēāþñy īđāīīāāāđāēyīē.

8. Nīñđāāēāīēā đāñīēñāīēy īđīāāđīē đāçōēūđāđīā đāāīđū ēīīāīā (đāñīēñāīēā nīñđāāēyāđñy ēēāāđāīē īđīāēđīā).

9. Īāñōāāāīēā ēīīñđōēđīđñēīē -āñđē īđīāēđā ē āā ōāāāđāēāīēā.

10. Đāñ-āđīāy -āñđū ē īīāāēēđīāāīēā īđāāēūī ūō āāđāēāē īđīāēđā.

11. Īāñōāāāīēā đāçōēūđāđīā đāñ-āđā ē īīāāēēđī-āāīēy.

12. Āūāīđ ēīīñđōēđēīīī ūō īāđāđēāēīā.

13. Yēīīīīē-āñēēē đāñ-āđ ē īāđēāđēīāīāīā īđī-āīçēđīāāīēā.

14. Īđāēđē-āñēāy đāāēēçāōēy īđīāēđā ē āāī ēñī ū-đāīēā, ōđī-īāīēā īīēñāīēy īđīāēđā.

15. Çā ūēđā īđīāēđā.

16. Īīāāīđīāēā nōāđūē ēēē āīēēāāā īā nōōāāī-āñ-ēīē ēīīōāđāīōēē, ā đāēāā ō-āñđēā ā āđāīđāō.

Đāāīđā īāā īđīāēđāīē īīçāīēyāđ nōīđīēđīāāđū ōīēāāđñāēūī ūā ēīī īāđāīōēē (īā ūāīāō-ī ūā, ē īñđō-īāīđāēūī ūā, nīōēāēūīī-ēē-īīñđī ūā ē īā ūāēōēūōđ-ī ūā, īāēāđ Ōāāāđāēūīīāī īāđāçīāāđāēūīīāī nōāīāāđ-đā īīāīāī īīēīēāīēy), ā đāēāā īđīōāññēīīāēūī ūā ēīī-īāđāīōēē āēāāīāāđy ōñđāīāēāīēþ īāō-īīē īñīīāū īđīāēđā ē nāyçāē āēñōēīēēī īāīđāāēāīēy nōāīāđēēīē īđīāēđā ē īđāēđē-āñēē īāāūēāī ā yēñīāđēīāīōāđ ē īđē ēçāīđīāēāīēē ōñđīēñđā.

Đāçōēūđāđū đāāīđū īāā īđīāēđāīē īīāōō āūđū ēñ-īīēūçīāāī ūā ēōđñīāīē, āūīōñēīīē ē āēīēīīīē đā-āīđāō nōōāāīōīā ēēē nōāđū āā -āñđūþ.

Ēīīīāāōīōēē āūīōñēīēēā đāđīē-āñēīāī āōçā, nōīđīēđīāāī ūā īđīāēđīī-īđāāīēçīāāī ūā īāō-āīē-āī, īīēīī īđāāñđāāēđū nēāāōþ ūēī īāđāçīī.

Āūīōñēīēē nīīñīāāī:

1. Īđīyāēyđū āēōāīēēā āñđāñōāāīīīāō-ī ūā, īāđā-īāđē-āñēēā çīāīēy ā īđīāāāīēēē īāō-ī ūō ēññēāāīāā-īēē ā īāđñīāēđēāī ūō īāēāñđyō īđīōāññēīīāēūīīē āāyđāēūīīñđē.

2. Īāđāāđūāāđū, āīāēēçēđīāāđū ē īāīā ūāđū īāō-īī-đāđīē-āñēōþ ē īōīđīāōēþ, īñō ūāñđāēyđū īđāçāī-đāōēþ đāçōēūđāđīā īđīāēđīā.

3. Īēāīēđīāāđū ē īđīāīāēđū īđīāēđī ūā ēññēāāī-āāīēy īī īđīōāññēīīāēūīīē āāyđāēūīīñđē, ēđēđē-āñ-ēē īōāīēāāđū īīēō-āīī ūā đāīđāđē-āñēēā ē yēñīāđē-īāīđāēūī ūā āāīī ūā ē āāēāđū āūāīāū, çīāđū īđāāīāūā īñīīāū ā īāēāñđē ē īāēēāēđōāēūīīē nīāñđāāīīīñđē.

4. Īīēīēāđū īāīāōīāē īñđū nāī īñđīyđāēūīīāī īāō-āīēy ē īīāū ōāīēy ēāāēēōēēāōēē ā đā-āīēā āñāāī īāđēīāā īāō-āīēy.

5. Yōōāēđēāīī đāāīđāđū nāī īñđīyđāēūīī ā ēā-āñđāā -ēāīā ēīīāīāū īī īāēāēñōēīēē īāđīīē đāīāđēēā, āūđū ēēāāđīī ā ēīīāīāā, ēīīñōēūđēđīāāđū īī āīīđīñāī āūīīēīāīēy īđīāēđīā.

Nōīđīēđīāāīīñđū ēīīīāđāīōēē āāēāēāāđīā īī īāīđāāēāīēþ 010700 «Ōēçēēā» ē īāēñđđīā (īāđāçī-āāđāēūīāy īđīāđāī īā «Ōēçēēā ēīīāāīñēđīāāīīāī nīñđīyīēy»), āīāēēçēđōāđñy īī đāçōēūđāđāī īāēāēñ-ōēīēēīāđīīāī yēçāīāīā, ā đāēāā īđē īīāāīđīāēā ē çā ūēđā ēōđñīāūō, āūīōñēī ūō ēāāēēōēēāōēēīī ūō đāāīđ ē īāēñđāđñēēō āēññāđđāōēē. Ēāē īīēāçūūāþđ đāçōēūđāđū çā ūēđ, đāāīđū āūīīēīāī ūā āūñīēīī īđī-ōāññēīīāēūīīī đđīāīā. Āāēāēāđāī īōīđīī īđāāēā-āāþđ īīñđōīāđū ā īāēñđđāōđō āđōāēō đāēōēūđāđīā Ōīīñēīāī īīēēđāōīē-āñēīāī ōīēāāđñēđāđā ē āđōāēō āōçīā, īāēñđđū āīñđāāīāāī ūā īāō-īī-ēññēāāīāāđāēū-ñēēīē ō-đāēāāīēyīē ēāē ā đīññēē, đāē ē çā đōāā-æīī. Īđ đāāīđīāāđāēāē īīēō-āī ūā īīēīāēđāēūī ūā īō-çūāū.

Ñíëñíê èèòáðàòóð ù

1. Íáíøèí Ý., Áíáðÿèíá Á. Íðáéøèèá ìíááðíèçàòèè // Áúñøáá íáðçáíááíèá. Ì.: Èíáíñ, 2007. ¹ 8. Ñ. 3–16.
2. Áúáíøíèèé È. Ñ. Íááááíáè-áñèàÿ ìñèðíèíáèÿ / ìíá ðáá. Á. Á. Áááúáíá. Ì.: Íááááíáèèá, 1996. 345 ñ.
3. Áááúáíá Á. Á. Óáíðèÿ ðàçáèèáð ùááí íáó-áíèÿ. Ì., 1996. Ñ. 251–264.
4. Èáðèííá Á. Á., Ìèñáðáíèí Ñ. Á. Íðíáèðíí-íðèáíðèðíááíííá íáó-áíèá ðèçèèá á ñèñáá íá ìèðóóíáí íáðçáíááíèÿ // Íðèðóóíá íáðçáíá-íèá. Ì.: Ìèííáðíáòèè, 2007. ¹ 4. Ñ. 11–15.
5. Íèèíèáíèí Á. Ì. Ìñèðíèíáèÿ è íááááíáèèá. Ì.: È ÍÓÐÀ-Ì; Ííáíñèáèðñè: ÍÁÁÝèÓ, 2000. 175 ñ.
6. Ááèüíáðèí Í. Ñ. Ìáðíáú íáó-áíèÿ è ðíñááíííáí ðàçáèèÿ. Ì.: Íááááíáèèá, 1985. 212 ñ.

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THE FORMATION OF TECHNICAL UNIVERSITY GRADUATE COMPETENCIES USING PROJECT BASED EDUCATION

In the article the prospects of applying the project based education in the training process of technical universities are discussed. Examining training process on the basis of systems approach, in the article are formulated the basic stages of project based education. The materials of article will be useful for the developers of project based education.

Key words: *projects, competence, aggregate of methods.*

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