

<i>To be filled in by the Jury. Please don't leave any comments here!</i>					
CODE	Part 1	Part 2	Part 3	Part 4	Total
	Max 20	Max 20	Max 30	Max 30	Max 100

PSYCHOLOGY

11th Grade

Variant 1

to be completed within 120 minutes

Maximum score – 100 points

This assignment includes four parts.

Part 1 - a question on psychology requiring a detailed answer. The maximum score for this task is 20 points.

Part 2 - 4 assignments to test your logical thinking. The maximum score for this task is 20 points.

Part 3 - you will need to analyze a case and offer your own solutions. The maximum score for this task is 30 points.

Part 4 - a task in biology. The maximum score for this task is 30 points.

Part 1.

Answer the question below. Briefly explain your answer.

What are the factors underlying one's success in memorizing certain information?

Give a detailed answer and provide examples.

Part 2.

2.1. One of the words in each line below is superfluous, as it does not fit with the other words. Choose one correct answer for each question. Write your answers in the table below “The key to tasks in Part 2.1.”.

1. a) lifeless, b) apathetic, c) dull, d) calm, e) sensitive.
2. a) to throw, b) to scatter, c) to kick, d) to fling, e) to cast.
3. a) beech, b) ash, c) spruce, d) willow, e) maple.
4. a) cherry, b) scarlet, c) red, d) crimson, e) saffron.
5. a) gelding, b) she-wolf, c) doe, d) mare, e) sheep.
6. a) plague, b) brucellosis, c) carbuncle, d) fever, e) ulcer.
7. a) excellent, b) poetic, c) magnificent, d) grandiose, e) majestic.
8. a) pearl, b) sapphire, c) agate, d) emerald, e) ruby.
9. a) rope walker, b) acrobat, c) clown, d) buffoon, e) juggler.
10. a) to triturate, b) to cut, c) to grind, d) to comminute, e) to smash into pieces.

The key to the tasks in Part 2.1.:

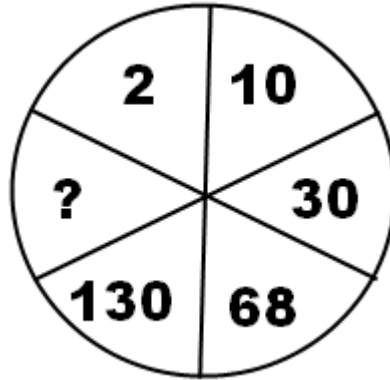
Question	1	2	3	4	5	6	7	8	9	10
Answer										

2.2. Solve the logical problems below:

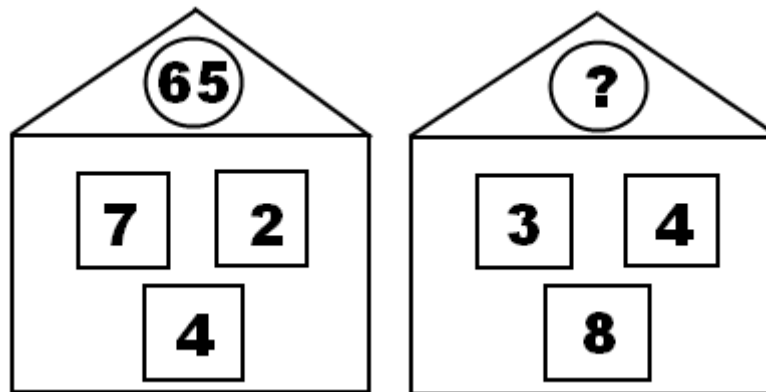
2.2.1. Set the correct sequence (2 points):

2 3 8 27 112 ?

2.2.2. Insert a missing number (4 points):



2.2.3. Insert a missing number (4 points):



Part 3.

Analyze the case below in terms of psychological mechanisms.

Read the results of a study, which examined human ability to recognize emotional states in foreign oral speech and answer a few questions.

In the study, respondents were requested to listen to fragments of speech in German, presented with various emotional intonations, for example, anger, joy, sadness, fear, or neutral tone. There was no direct correlation between the actual text a speaker was saying and his/her emotional expression. The number of correctly identified emotions was counted. The comparison between different respondent groups shows the following. The group of students in linguistics, who study German, proved to be the most successful. On average, they

were able to correctly recognize emotions in 90.8 pieces, i.e. in 84.1% of cases. Among the group of actors, the success rate was notably lower - 79.3% (85.7 fragments). Students in psychology demonstrated even lower accuracy in terms of emotion recognition: they were able to correctly identify emotions only in 81 messages (75%). Other groups had the following results: students in linguistics who studied English, French and Spanish - 75.3 correct answers (69.7%), engineers - 72.2 correct answers (66.8%), and educators - 68 correct answers (63%).

What explanation can you give for these results? For example, what conclusions can we make regarding the influence of one’s profession on their ability to correctly recognize emotions and why? What other verbal components, besides the actual meaning of words, are used to convey one’s emotional state? In your opinion, which emotions are easier to recognize and which ones are more challenging and why?

Part 4.

Answer the question below.

Patients use a 10-point scale to assess their pain syndrome. In your opinion, why can there be no objective pain indicators and why do we use subjective scale-based assessments? Support your answer with detailed arguments.
