- 1. Informatics was defined in France
  - A) In 16<sup>th</sup> century
  - B) In 15<sup>th</sup> century
  - C) in 18<sup>th</sup> century
  - D) in 19<sup>th</sup> century
  - E) In 17<sup>th</sup> century
  - F) in 20<sup>th</sup> century G) In 13<sup>th</sup> century

  - H) In 14<sup>th</sup> century
- 2. Examples of logical branches in algorithms
  - A) for cycle
  - B) subject view
  - C) general methods
  - D) if A < B then A=B
  - E) for i=1 to 5
  - F) if A > B then A=B
  - G) while cycle
  - H) if A=B
- 3. Modeling for random processes is related to the special subject on
  - A) parallel computing
  - B) computer modeling
  - C) distributed computing
  - D) database management systems
  - E) cloud computing
  - F) backend for high-load
  - G) frontend
- 4. They are considered to be teaching equipments for demonstration purposes
  - A) models for demonstration of working of electronical computer systems
  - B) integrated development space
  - C) virtualized environment for containers
  - D) robots managed by electronical computation systems
  - E) electronic constructors
  - F) hard books
- 5. Freedom of creating their own teaching plan in schools in 1989
  - A) was limited only by coordinating the plan with pupils
  - B) was limited only by allocated budget
  - C) was not limited
  - D) was limited only by school administration
  - E) was limited by government
  - F) was limited by collected surveys
  - G) was limited only by coordinating the plan with parents of pupils

- 6. Content of education block in electronic textbook includes
  - A) only content
  - B) assignments for pupils
  - C) title of topic
  - D) content of topic
  - E) only title
  - F) schedule of room where the lesson is going to be held
  - G) only assignment
  - H) schedule of teacher
- 7. It is recommended to add to cabinets of informatics
  - A) models of different kinds of layouts in Android systems
  - B) computers with installed docker-compose environment
  - C) set of teaching-methodical literature
  - D) set of educational programs for studying informatics
  - E) models of different kinds of layouts in iOS systems
  - F) models of different kinds of layouts in web systems
  - G) computers with installed docker environment
- 8. Working with SQL is related to the special subject on
  - A) distributed computing
  - B) database management systems
  - C) backend for high-load
  - D) frontend
  - E) cloud computing
  - F) backend
  - G) parallel computing
- 9. In the context of study of algorithms, pupils should learn how to
  - A) describe formats of basic operators
  - B) executing of management styles
  - C) assigning tasks
  - D) kanban systems
  - E) describe process of assigning values to variables
  - F) applying support vector machines
  - G) learning to decompose problem into matrices
  - H) describe formats of standard functions
- 10. Parents of pupils generally use school website for
  - A) see achievements of his child
  - B) see detailed information about administrative staff
  - C) getting information about children from other schools
  - D) seeing the schedule of teachers
  - E) getting information about his child
  - F) taking a look at the schedule of director
  - G) contact ministry of education