

- 1) Biological clearing of water is done:
  - a) by filter
  - b) by coagulant
  - c) by ozone
- 2) Mechanical clearing of the water is done:
  - a) by settling
  - b) by chlorine
  - c) by ozone
- 3) As a filter in the waterworks is used:
  - a) cloth
  - b) paper
  - c) sand
- 4) The source of the potable water for Pilsen is:
  - a) dam of Hracholusky
  - b) the river Úhlava
  - c) the river Mže
- 5) Temporary hardness of water can be eliminated:
  - a) by boil
  - b) by filtration
  - c) by chlorine
- 6) The limit for separation mineral water from the tap water is:
  - a) 0,25 g of salts/l
  - b) 0,5 g of salts/l
  - c) 1 g of salts/l
- 7) The consumption of the water in common program of the washing machine couldn't be higher than:
  - a) 60 l
  - b) 40 l
  - c) 20 l
- 8) The consumption of the water is higher:
  - a) when we take a shower
  - b) when we take a bath
- 9) The consumption of the water during dish washing is higher:
  - a) when we use a dishwasher
  - b) when we do it manually
- 10) We water more economical:
  - a) twice a day, shortly, in the morning and in the evening
  - b) once a day, more, at noon
  - c) once a week, more, in the morning and in the evening
- 11) Reed bed filtration has the same function as:
  - a) a forest
  - b) a grassland
  - c) a wetland
- 12) Cleaned water is used:
  - a) for irrigation
  - b) for drinking
  - c) for showering
- 13) Suitable plant for the reed bed filtration is:
  - a) Iris
  - b) Nymphaea
  - c) Typha
- 14) Reed bed filtration is used:
  - a) all the year
  - b) only during the growing season
  - c) only during the season of vegetative rest
- 15) Depth of the pool for reed bed filtration is:
  - a) more than 1 m
  - b) around 50 cm
  - c) around 10 cm
- 16) Surface of the reed bed filtration, necessary for one inhabitant is:
  - a) 2,5 m<sup>2</sup>
  - b) 1 m<sup>2</sup>
  - c) 5 m<sup>2</sup>
- 17) Waste in the water is decomposed in the reed bed filtration by:
  - a) anaerobic bacteria on the root of the plant
  - b) aerobic bacteria on the root of the plant
  - c) algae on the root of the plant