Date……... Name…… Group ……

Protocol from practical lesson in biochemistry

Topic: Introduction to work in laboratory

Task 1 – Separation of mixture by centrifugation

1. Principle

2. Results

Appearance of the mixture centrifuged at ~300×g for 10 min:

Appearance of the mixture centrifuged at 30,000×g for 10 min:

3. Conclusion

Task 2 – Separation of mixture by shaking with chloroform

1. Principle

2. Results

Appearance of the aqueous phase:

Appearance of the chloroform phase:

3. Conclusion

Task 3 – Adsorption with activated charcoal

1. Principle

2. Results

3. Conclusion

Task 4 – Sublimation of caffeine from coffee

1. **Principle**

2. **Results**

3. **Conclusion**

Task 5 – Solubility of a weak acid at various pH

1. **Principle**

2. **Results**

Environment	Acidic	Neutral	Alkaline
Solubility of salicylic acid			

After neutralisation

3. **Conclusion**