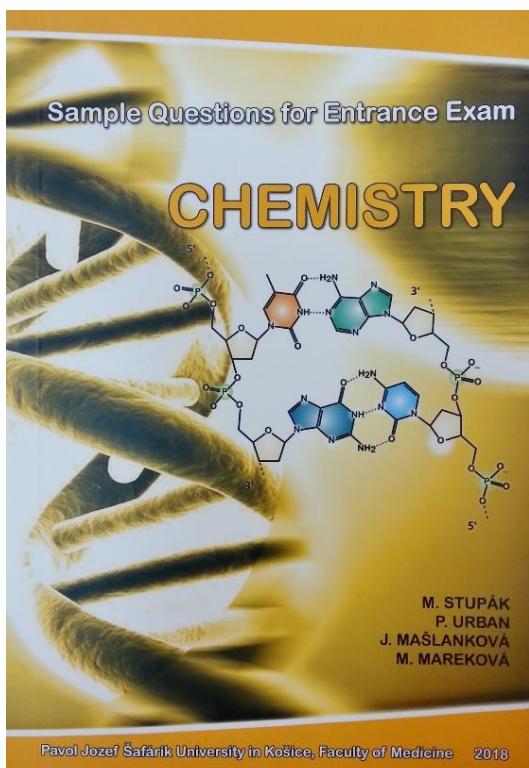


### Required and recommended literature

<b>Chemistry</b>	Stupák M. et al.	<b>Chemistry</b> Sample Questions for Entrance Exam	<b>2018</b>
	Stupák M et al.	Medical Chemistry – Calculation <a href="https://portal.lf.upjs.sk/articles.php?aid=232">https://portal.lf.upjs.sk/articles.php?aid=232</a>	<b>2017</b>
	Urban P. et al.	Chemistry – Repetitorium <a href="https://portal.lf.upjs.sk/articles.php?aid=236">https://portal.lf.upjs.sk/articles.php?aid=236</a>	2017

Required study literature is written by **bold font**



#### *Errata*

- 17. correct answers **a, b, d, e, f, g**
- 47. f) ... compounds substances ...
- 233. correct answers **b, e**
- 257. correct answers **g, h**
- 291. correct answers **a, d, g, h**
- 297. correct answers **a, f**
- 320. **Ethylene oxide (epoxide)** Alkoxides ...
- 341. **c** is
- $$R-CH_2-CHO + CH_3-CHO \rightarrow R-CH_2-CH(OH)-CH_2-CHO$$
- 357. correct answers **e, g, h**
- 439. correct answers **b, e, f, g** (thymine)
- 481. correct answers **c, g**

### **Chemistry-Repetitorium**

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Knowledge of the structure and function of chemical substances and compounds, as well as their interactions and factors which can influence these interactions are very important for study Medical Chemistry and Biochemistry. The supporting materials are repeating of high school chemistry and represent the summarization of knowledges from high school. All listed information can help the student to better prepare for exam from Medical Chemistry.

<https://portal.lf.upjs.sk/articles.php?aid=236>

## **Medical Chemistry - Calculations**

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Proper administration of individual medications and reagents is of the upmost importance in the clinical practice of future doctors. It can be affected by age, body weight, kidney and liver health, and other health conditions. Subject Medical Chemistry is therefore an essential part of the theoretical education at medical faculties. The basics for the successful completion of the course are also basic chemistry calculations that are listed in the following study material and are divided into several chapters.

<https://portal.lf.upjs.sk/articles.php?aid=232>