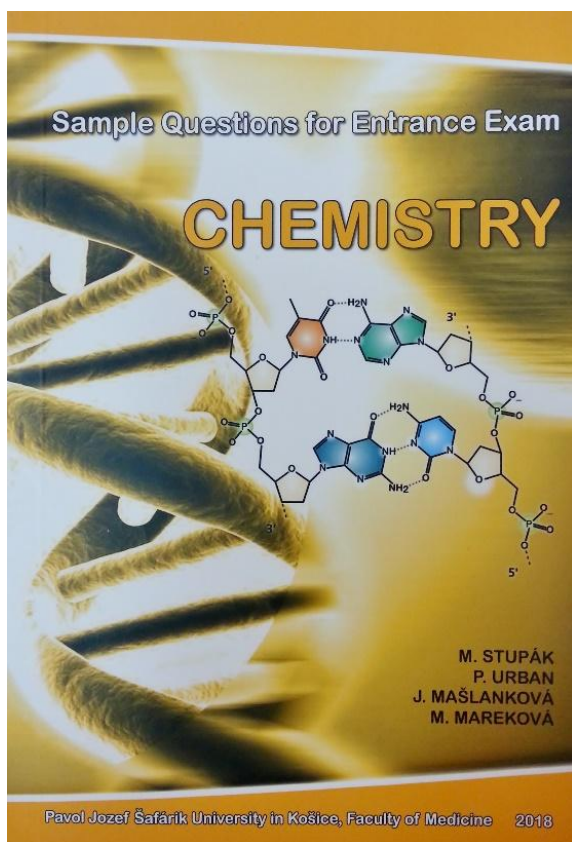




Required and recommended literature

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

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



Errata

17. correct answers **a, b, d, e, f, g**
47. **f** ... ~~compounds~~ **substances** ...
229. correct answers **a, f**
233. correct answers **b, e**
234. correct answers **a, 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
- $$\text{R-CH}_2\text{-CHO} + \text{CH}_3\text{-CHO} \rightarrow \text{R-CH}_2\text{-CH(OH)-CH}_2\text{-CHO}$$
357. correct answers **e, g, h**
439. correct answers **b, e, f**

Chemistry-Repetitorium

doc. Mgr. Peter Urban, PhD., doc. RNDr. Lukáš Smolko, PhD., doc. RNDr. Jana Mašlanková, PhD., doc. MUDr. Anna Birková, PhD., doc. RNDr. Beáta Čížmárová (Veliká), PhD., doc. Ing. Beáta Hubková, PhD., doc. RNDr. Marek Stupák, PhD., prof. Ing. Mária Mareková, CSc.:



Knowledge of the structure and function of chemical substances and compounds, as well as their interactions and the factors that influence them, is essential to the study of Medical Chemistry and Biochemistry. The supporting materials are a repetition of high school chemistry and provide a summary of high school knowledge. All the listed information can help the student better prepare for the Medical Chemistry exam.

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

Medical Chemistry - Calculations

doc. RNDr. Marek Stupák, PhD., doc. MUDr. Anna Birková, PhD., doc. Ing. Beáta Hubková, PhD., doc. RNDr. Jana Mašlanková, PhD., prof. RNDr. Miroslava Rabajdová, PhD, doc. Mgr. Peter Urban, PhD., doc. RNDr. Beáta Čížmárová (Veliká), PhD., prof. Ing. Mária Mareková, CSc.:



Proper administration of individual medications and reagents is of the utmost 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 also include basic chemistry calculations, listed in the following study material and divided into several chapters.

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