



**REGULATIONS FOR TRAINEESHIPS
PROGRAM OF EMU FACULTY OF PHARMACY
J2; D. Pharm – 6 year STUDENTS**

1. The total period of traineeship is **250 working** days.
2. 250 working days, which is compulsory, must be completed in community pharmacy, pharmacy department of the hospital and pharmaceutical/cosmetic industry.
 - ✓ **Traineeship must be carried out at least in 3 different community pharmacies.**
 - ✓ **Total period of community pharmacy training must cover at least 132 days and each community pharmacy training must cover at least 15 working days.**
 - ✓ **Total period of hospital pharmacy training and pharmaceutical/cosmetic industry training must cover must cover at least 10 days each. Each hospital pharmacy and/or pharmaceutical/cosmetic industry training must cover at least 10 work days.**
 - ✓ **The traineeships must be carried out in community pharmacies which had served for at least 1 year after its establishment.**
 - ✓ **Training in institutions other than community/hospital pharmacies are optional and will not be counted in the calculation of obligate days. Approval of the faculty board is required for such trainings.**
3. Students can start their traineeship after they have passed **Physiology – 1 (MDCN245)**.
4. The traineeship can be practiced during the winter and summer breaks (from the end of the final exams to the beginning of the registration of the upcoming semester) and the entire 11th - 12th semester.
5. Students can do their traineeship abroad including their own country.

6. A series of required forms (**Appendix A**) must be submitted to the person in charge one month prior to the traineeship.
7. Students are obligated to provide the contact information of the training institutions to the person in charge, including:
 - Postal address
 - Fax
 - E-mail address
 - Telephone number
 - Web address (optional)

*Unexpected inspections will be done by EMU representatives during the traineeships. If the student has found to be absent in the institution in two of the inspections, the traineeship will be **cancelled**.

8. After the end of each training, the student must submit “Evaluation/completion Letter” (**Appendix B**) and “Daily Activity Report” (**Appendix C**) to the person in charge till the last day of the classes of the upcoming semester.
 - “Evaluation/completion Letter” must be filled, signed and stamped wet by the manager of the institution.
 - “Evaluation/completion Letter” needs to include the full name of the institution manager, his/her title, phone number, address and e-mail.
9. For those who have carried out their traineeship abroad, in addition to documents mentioned in **section 8**, a copy of **check in/check out** dates from the passport must be submitted as well.
10.
 - i) In the 11th semester (in which the student is registered to PHAR461, PHAR462 and PHAR463), **students must submit at least one traineeship report for community (PHAR461), hospital (PHAR462) and pharmaceutical/cosmetic industry (PHAR463)** trainings to the person in charge till the last day of the classes.
 - ii) In the **graduation semester**, students who have **not** completed their compulsory training days by 11th semester, must finish the compulsory training days and submit relevant reports to the person in charge till the last day of the classes.

11. The final report must include:
 - a. Cover page (**Appendix D**)
 - b. Questions and answers (**Appendix E**)
 - c. References
12. The general format of the final report must be as follows:
 - a. Times New Roman
 - b. 12 points
 - c. Justify
 - d. 1.15 spacing
13. All of the documents related with the training can be acquired from www.pharmacy.emu.edu.tr/en or www.opencourses.emu.edu.tr.
14. If students had confirmed their traineeship, but have to take a resit exam, a new traineeship date has to be declared officially by the student to the person in charge.
15. For the students who finished their compulsory traineeship, a **Final Exam** will be held during the final exam period of **graduation semester**.
16. The student is not allowed to graduate without completing his/her traineeships.
17. Traineeship committee of the E.M.U. Faculty of Pharmacy has the right to refer to the disciplinary committee if they detect any inconsistency with the established rules of traineeship regulations.
18. Traineeship committee, if necessary, has the right to make appropriate changes in this regulation.
19. Students enrolling the traineeship program are considered to accept every provision of the regulation organized by E.M.U. Faculty of Pharmacy and they have not appeal rights.

APPENDIX A



DOĞU AKDENİZ ÜNİVERSİTESİ
EASTERN MEDITERRANEAN UNIVERSITY

Gazimağusa – KKTC. Tel: +90 (392) 630 12 17, Fax: +90 (392) 365 13 17

T.R.N.C.
EASTERN
MEDITERRANEAN
UNIVERSITY
COMPULSORY
INTERNSHIP FORM (*)

Photo

Photocopies of
photos are not
allowed

To Whom It May Concern,

Please be advised that the students of our university are required to carry out internship practice at various organizations or businesses until the end of their studies. We kindly thank you for your interest in allowing the student whose details are specified below to carry out his/her internship practice at your institution and wish you all the further success in your endeavors.

Name – Surname		ID No.	
Student No.		Academic Year	
Department/Program		Faculty	
e-mail		Phone No. (GSM)	
Address			

INFORMATION ABOUT THE PLACE WHERE THE INTERNSHIP PRACTICE WILL BE CARRIED OUT

Internship practice Commencement date		Finishing date		Duration (Working Days)	
Name of the company					
Address of the company					
Production/Service Area					
Phone Number			Fax. No.		
e-mail			Web address		

INFORMATION ABOUT THE EMPLOYER OR THE AUTHORISED OFFICIAL

Name-Surname			
Duty/responsibility area			
e-mail address			
Date			
Employer's S.G.K No.			
		Approved Signature / Stamp	A formal admission fax containing student information from the company is sufficient

STUDENT'S BIRTH DETAILS (to be filled in by the relevant student upon the approval of the internship practice application.)

Surname		Province of birth	
Name		District	
Father's name		District-Village	
Mother's name		File No.	
Place of birth		Family Sequence No.	
Date of birth		Sequence No.	
ID. No.		Office issued	
ID Card Serial No.		Reason of issuing	
S.G.K. No.		Date of issuing	

SIGNATURE (STUDENT)

APPROVAL (DEPARTMENT)

APPROVAL (FACULTY)

I declare that the information provided on this document is accurate.		
Date:	Date:	Date:

(*) **3 copies of this form must be filled in electronically** (not photocopies) on each of which a photo is attached. One of the approved forms is submitted to the departmental secretary and 2 copies (with **3 copies of the ID**, **3 copies of the approval fax**, and **3 copies of Mustehaklik Belgesi - for Turkey only**) to the Registrar's Office latest by two weeks before the internship practice commencement date.

Optional format Ex No: 1

dd/mm/yyyy

Eastern Mediterranean University
Faculty of Pharmacy

To the Dean Office;

I would like to inform you that I will start my Traineeship at the
(Details provided below). The planned dates are dd/mm/yyyy to dd/mm/yyyy.

Yours Faithfully,

Name:

Signature:

Student No:

Degree Program:

Traineeship Place;

Postal Address:

E-mail Address:

Web Address (If any):

Tel:

Fax:

Optional format Ex. No. 2

Date:

Postal address:

Fax:

E-mail address:

Telephone number (of the institution/ community pharmacy/company):

Web address of institution/community pharmacy/company (optional):

To the Dean Office;

I Hereby confirm that (Student Number; Student Name) from the Faculty of Pharmacy of EMU, can commence his/her traineeship on (dd/mm/yy); (planned no. of work days) at the named pharmacy above.

Sign

APPENDIX B



EASTERN MEDITERRANEAN UNIVERSITY
FACULTY OF PHARMACY TRAINEESHIP
COMPLETION DOCUMENT
COMMUNITY PHARMACY

STUDENT INFORMATION

Name-Surname : _____

Semester : _____

Student ID : _____

Traineeship dates : ____/____/20____ - ____/____/20____

Total traineeship days: ____ business days (except holidays and weekends-depends on the country)

Cell phone number of student: _____

The name, address and phone number of the Community pharmacy where traineeship is completed:

Additional:

The name, surname, university and education degree of the tutor:

1. **Student is aware of the materials that should be found in a pharmacy store and requirements/regulations to open a pharmacy store.**

(Öğrenci eczanede bulunması zorunlu malzemeler ve eczane açabilmek için gerekli olan donanım ve düzenlemeler hakkında bilgi sahibidir.)

YES

☐

NO

☐

2. **Student has enough knowledge about the drugs, products and other chemical substances that are found in the pharmacy store.**

(Öğrenci eczanede bulunan ilaçlar, ürünler ve diğer kimyasal maddeler hakkında yeterli derecede bilgi sahibidir.)

YES

☐

NO

☐

3. **Student gained the ability to control and track the stocks of drugs and other products in the pharmacy store and purchase drugs/products from the pharmaceutical stores when needed.**

(Öğrenci eczanede bulunan ilaçlar ve diğer ürünlerin stok kontrolünü yapabilmekte ve gerektiğinde ilaç depolarından teminini sağlayabilmektedir.)

YES

☐

NO

☐

4. **Student can use the computer program in the pharmacy store and is aware of the governmental regulations and paper work.**

(Öğrenci eczanede kullanılan bilgisayar programını kullanabilmekte ve ilaç satışı ile ilgili düzenlemeleri ve işlemleri bilmektedir.)

YES

☐

NO

☐

5. **Student is aware of the regulations of specific prescriptions regarding to narcotics (red-colored), psychotropic drugs (green-colored) and blood products (purple-colored) and has enough knowledge about the control and management of these drugs**

(Öğrenci, narkotik (kırmızı reçete), psikotrop (yeşil reçete) ve kan ürünleri ve kan faktörleri ile ilgili özel reçeteye tabi ilaçlarla ilgili düzenlemeleri bilir ve bu ilaçların kontrolü ve yönetimi hakkında yeterli bilgi sahibidir.)

YES

☐

NO

☐

6. **Student has enough knowledge about the vaccines, cold chain and special drugs that should be kept in refrigerator.**

(Öğrenci aşılar, soğuk zincir ve soğukta saklanması gereken ilaçlar hakkında yeterli bilgiye sahiptir.)

YES

☐

NO

☐

7. Student knows how to dispose the drugs/products that expired and the related regulations.

(Öğrenci son kullanma tarihi geçen ilaç/ürünlerin imhasını ve bununla ilgili yapılacak işlemleri bilmektedir.)

YES

☐

NO

☐

8. Student is aware of the laws and regulations of Ministry of Health regarding the pharmacy stores and knows how to follow them.

(Öğrenci, Sağlık Bakanlığının eczanelerle ilgili kanun ve düzenlemelerini bilmekte ve bunları takip edebilmektedir.)

YES

☐

NO

☐

9. Student has enough knowledge about the plant-derived products, nutrient supplements or other natural products and regulations regarding these products.

(Öğrenci, eczanede bulunan bitkisel ürünler, beslenme destek ürünleri ve diğer doğal ürünlerle ilgili ve bunların düzenlemeleriyle ilgili yeterli bilgiye sahiptir.)

YES

☐

NO

☐

10. Assessment of the student's performance in the pharmacy store by the staff in charge with the student (grade from 0 to 10).

(Sorumlu personel tarafından öğrencinin eczanedeki performansının kısaca değerlendirilmesi-0 dan 10'a kadar)

NOT SATISFACTORY

EXCELLENT

0 10

Comments about the student performance

(öğrencinin performansı ile ilgili yorumlar)

.....

.....

.....

.....

.....

.....

.....

.....



EASTERN MEDITERRANEAN UNIVERSITY

FACULTY OF PHARMACY TRAINEESHIP

COMPLETION DOCUMENT

Hospital Pharmacy

STUDENT INFORMATION

Name-Surname : _____

Semester : _____

Student ID : _____

Traineeship dates : ___/___/20___ - ___/___/20___

Total traineeship days: ___ business days (except holidays and weekends-depends on the country)

Cell phone number of student: _____

The name, address and phone number of the Hospital Pharmacy where traineeship is completed:

Additional:

The name, surname, university and education degree of the tutor:

1. Student can actively use the “Drug/Medical Device Management Computer Program” in hospital/surgery room him/herself?

(Öğrenci hastane-ameliyathane eczanesinde mevcut ilaç/Tıbbi Malzeme Yönetim Sistemini kendi başına kullanabiliyor mu?)

YES

☐

NO

☐

2. Student can track the stocks and reserves of the drugs/medical devices in the hospital ?

(Öğrenci hastane ilaç/tıbbi malzeme stok kontrolünü yapabiliyor mu?)

YES

☐

NO

☐

3. Student can deliver the drugs/medical devices to the patients in hospital services in good accordance with the hospital regulations?

(Öğrenci yatan hastalara ilaç/tıbbi malzeme çıkışını hastane kurallarına uygun olarak yapabiliyor mu?)

YES

☐

NO

☐

4. Student can predict and determine the needs of drug/medical devices and know the regulations to supply these needs?

(Öğrenci ilaç/tıbbi malzeme ihtiyacını öngörebiliyor ve bunların temini için yapılacaklarla ilgili gerekli düzenlemeleri biliyor.)

YES

☐

NO

☐

5. Student is aware of the commissions that a pharmacist can take place and know the responsibilities and functions of a pharmacist in these commissions.

(Öğrenci hastane eczacısının görev alabileceği komisyonları ve bu komisyonlardaki fonksiyon ve sorumluluklarını biliyor)

YES

☐

NO

☐

6. Student actively participated in the commissions.

(Öğrenci şu komisyonlarda görev almıştır)

- a. Drug/medical device purchasing commissions

(ilaç/tıbbi malzeme satın alma komisyonu)

YES

☐

NO

☐

- b. Infections Control Committee

(Enfeksiyon Kontrol Komitesi)

YES

☐

NO

☐

- c. Medical Treatment Committee

(ilaç Tedavi Komitesi)

YES

☐

NO

☐

- d. Other.....

(Diğer komisyonlar)

7. Student has enough knowledge about special drug formulations (electrolytes, some chemotherapeutics, nutrition supplements and drug formulations) which are prepared in hospital.

(Öğrenci hastanede hazırlanan özel ilaç formülasyonları –bazı sıvılar, kemoterapötikler, beslenme destekleri ve ilaç formülleri- hakkında yeterli bilgi ve beceriye sahiptir)

YES

☐

NO

☐

8. Student has good knowledge about the specific prescriptions regarding to narcotic (red-colored), psychotropic drugs (green-colored) and blood products (purple-colored) and aware of the control and management of these drugs.

(Öğrenci narkotik (kırmızı reçete), psikotrop (yeşil reçete) ve kan ürünleri ve kan faktörleri ile ilgili özel reçeteye tabi ilaçlar ve bu ilaçların kontrolü ve yönetimi hakkında yeterli bilgi sahibidir).

YES

☐

NO

☐

9. Student knows the missions and responsibilities of a pharmacist in a hospital.

(Öğrenci, hastane eczanesinde çalışan eczacının görev ve sorumluluk kapsamını bilmektedir).

YES

☐

NO

☐

10. Assessment of the student's performance in the hospital by the staff in charge with the student (from 0 to 10).

(Sorumlu personel tarafından öğrencinin hastanedeki performansının kısaca değerlendirilmesi-0 dan 10'a kadar)

NOT SATISFACTORY

EXCELLENT

0 10

Comments about the student performance

(öğrencinin performansı ile ilgili yorumlar)

.....

.....

.....

.....

.....

.....

.....

.....



EASTERN MEDITERRANEAN UNIVERSITY
FACULTY OF PHARMACY TRAINEESHIP
COMPLETION DOCUMENT
Drug Company

STUDENT INFORMATION

Name-Surname : _____

Semester : _____

Student ID : _____

Traineeship dates : ____ / ____ /20 ____ - ____ / ____ /20 ____

Total traineeship days: ____ business days (except holidays and weekends-depends on the country)

Cell phone number of student: _ _____

The name, address and phone number of the institution where traineeship is completed:

Additional:

The name, surname, university and education degree of the tutor:

Please answer the questions below for the student:

1. Attendance of the student (Attended/Did not attend). Satisfactory or not?

YES

☐

NO

☐

2. Achievement of the student . Satisfactory or not?

YES

☐

NO

☐

3. Application of the academic knowledge (Successful/Not successful).

YES

☐

NO

☐

4. Relationship with the employees of the company Satisfactory or not?

YES

☐

NO

☐

5. Has the student participated in the ongoing projects? Yes or No?

YES

☐

NO

☐

6. Has the student worked good on the project and was able to complete it? Yes or no?

YES

☐

NO

☐

7. How was the interest of the student to the company? Has the student informed himself/herself about the drug company and future work of the drug industry?. We appreciate a brief explanation.

YES

☐

NO

☐

8. Has the student followed all the safety and security instructions of the company? Yes or No?

YES

☐

NO

☐

9. How was the relationship of the student to her/his tutor? Satisfactory or not?

YES

☐

NO

☐

NOT SATISFACTORY

EXCELLENT

0..... 10

10. Opinions :



APPENDIX C



Faculty of Pharmacy

DAILY ACTIVITY REPORT

Semester:

- ☐ 2018 – 2019 SUMMER
- ☐ 2019 – 2020 FALL
- ☐ 2019 – 2020 WINTER BREAK
- ☐ 2019 – 2020 SPRING
- ☐ 2019 – 2020 SUMMER

Student First Name:

Student Surname:

Student ID:

Contact Mail:

Assignment Title:

- ☐ 1 – Community Pharmacy
- ☐ 2 – Hospital Pharmacy
- ☐ 3 – Industrial Company

Name of the Pharmacy/Hospital/Company:

Traineeship Period:

Traineeship Duration:

*** Daily activity must be filled for each day of the traineeship.

DATE:	
Student Signature:	
Authorized Official Signature:	
DAILY ACTIVITY	

DATE:	
Student Signature:	
Authorized Official Signature:	
DAILY ACTIVITY	

DATE:	
Student Signature:	
Authorized Official Signature:	
DAILY ACTIVITY	

APPENDIX D

TRAINEESHIP COVER SHEET

First Name / Given Name:	Surname / Family Name :
Student Number:	Contact Mail/ Telephone :

Assignment Title: <input type="checkbox"/> 1 – Community Pharmacy <input type="checkbox"/> 2 – Hospital Pharmacy <input type="checkbox"/> 3 – Industrial Company	Name of the Pharmacy/Hospital/Company:
<ol style="list-style-type: none">1. I declare that the attached work is all my own, and that where I have quoted from or referred to the opinions or writings of others, these have been fully and clearly acknowledged.2. I am aware of the consequences of late submission.3. By signing below I agree to the terms and conditions regarding the plagiarism.	
Student Signature: Date Submitted:	

STAFF USE
Overall Mark:
FEEDBACK COMMENTS: (Some staff may also provide structured feedback on an additional feedback form)

<input type="checkbox"/> On Time	<input type="checkbox"/> Late Submission
----------------------------------	--

APPENDIX E



EMU Faculty of Pharmacy – Community Pharmacy Practice

Following questions must be answered respectively with specified format (Word Format, Times New Roman font, 12 font size) by the student if student has done his/her traineeship within the scope of community pharmacy practice:

- 1.** Give brief information about the community pharmacy that you have practiced your traineeship.
- 2.** Explain the relationship of your pharmacist with other pharmacists, representatives, doctors, staff and his/her trainees.
- 3.** In the pharmacist-patient relationship:
 - a.** Which points should be considered from pharmacist when prescription or non-prescription (OTC) medicines are described to the patients?
 - b.** What is the role of the pharmacist in birth control and family planning implementations? (Ex. What should be suggested to mother as a birth control method during her lactation period?)
- 4.** What kind of instructions are given for usage of the dosage forms with specific use as:
 - a.** Inhalers
 - b.** Eye drops
 - c.** Insulin and other subcutaneous injection preparations
 - d.** Transdermal preparations
 - e.** Sprays

5. How pharmaceutical care services are provided in the pharmacy, especially in:
 - a. Drug consulting
 - b. Rational drug use
 - c. Drug – drug, drug- illness, drug-food interactions
6. How many main sections are there inside of community pharmacy ?
7. Describe the equipment used in pharmacy store?
8. How cleanliness and hygiene conditions are ensured within community pharmacy?
9. How weighing is performed in pharmacy?
10. Which chemicals must be retained in the pharmacy?
11. Please explain how the pharmacy shelves are arranged? Also indicate, why your pharmacist prefers this order?
12. Please explain which pharmaceutical dosage forms are presented in the community pharmacy?
13. How the prescriptions are processed at the pharmacy?
 - a. Which information must be included in the prescription?
 - b. From how many sections Prescription is consisted, name the parts of the Prescription?
14. Regarding pharmacies inspections:
 - a. Which books must be kept in the Pharmacy?
 - b. Which are the professional books that must be in Pharmacy?
 - c. What should be considered due to inspections?
15. Please give information about the red prescriptions and green prescriptions?

- 16.** Which computer database your pharmacy store is using for sales processes? Please describe briefly this system.
- 17.** Please indicate the names of the contracted institutions that your pharmacy store is dealing, and what are the main differences about their prescription processes?
- 18.** What is the cold chain? Give five examples of pharmaceuticals that should be stored in cold chain storages.
- 19.** How the expiration dates of pharmaceuticals are monitored at your traineeship community pharmacy? What is done for disposal of these medicines?
- 20.** In which cases medicines are collected back? Please briefly explain the process of withdrawal of medicines from the market?
- 21.** Explain the difference between drug product and magistral product?
- 22.** What information should contain a standard prospectus?
- 23.** Which medicals, medical equipment and antidotes are used in emergency situations?
- 24.** How the toxic and medicinal which supposed to be stored separately are placed within pharmacy?
- 25.** How the first aid is provided for the patients in the community pharmacy?
- 26.** How the pharmacovigilance is employed in the everyday practice of the community pharmacy?
- 27.** How the measurement of temperature and humidity is conducted within the community pharmacy?

28. Explain the procedure on how the narcotic drugs are recorded and stored?

29. Does your home country have an organization as National Chamber of Pharmacist and does your community pharmacy is a member of this organization?

30. Is there a section in Community pharmacy related to phytopharmaceuticals / herbal preparations?

31. Is there a section in Community pharmacy related to cosmetics?



EMU Faculty of Pharmacy -Hospital Pharmacy Practice

Following questions must be answered respectively with specified format (Word Format, Times New Roman font, 12 font size) by the student if student has done his/her traineeship within the scope of hospital pharmacy practice:

1. Give a brief information about the hospital that you have practiced your traineeship, on following points:

Type of hospital (either it is University hospital, private hospital, or research hospital etc.)

Name of hospital and number of its services, polyclinics and intensive care units?

2. Describe the **hospital pharmacy unite** that you have practiced your traineeship, by giving information on following subjects:

- a. The number of pharmacists, clinical pharmacists and pharmacologists working in hospital pharmacy.
- b. The duties and responsibilities of the pharmacist as a health care staff in hospital pharmacy.
- c. The number, qualifications and responsibilities of support staff.
- d. The location of the pharmacy inside of hospital, sections of the pharmacy and the functions of these sections.
- e. Classification of the medicines, their placement on the shelves and storage system.
- f. The tools and equipment used at hospital pharmacy.
- g. Working hours and shift system of the hospital pharmacy.
- h. The average daily number of prescriptions prepared by the hospital pharmacy.

- 3.** How the purchasing procedures are working for medicines and medical equipment?
 - a.** Explain the role of pharmacist in buying-process and decision-process.
 - b.** How the regulation and recording of documents for purchased medicines and medical devices are done?
- 4.** How the medicines and medical devices written on doctor's prescriptions, instructions / request forms are prepared and distributed? Please include more detailed information on following subjects:
 - a.** Medication delivery system within hospital (dose-unit, ect.)
 - b.** The parts of the prescription or the doctor's instructions / request form
 - c.** Preparing and control of written prescription or doctor's instructions / request forms
- 5.** How the narcotic drugs are recorded and stored?
- 6.** Does Hospital Formulary is developed and updated?
- 7.** In which committees of hospital, pharmacist has a role or has a membership? (Ex. Infection committee, ect)
- 8.** Which safety precautions should be taken while working with Psychotropic medicals?
- 9.** How intravenous solutions and the cytotoxic drugs are prepared?
- 10.** How cleanliness and hygiene conditions are ensured within hospital pharmacy?
- 11.** How the correct use of refrigerator is enabled and how the medicines need to be stored in the refrigerator?

12. How the measurement of temperature and humidity is conducted within hospital pharmacy?

13. How the routine calibration is performed of weighing instruments as refrigerator, thermometer and hygrometer.

14. Which medicines must be retained in the hospital pharmacy?

15. How the specific processes are implemented to "high-risk pharmaceuticals" (Ex. packaging, labeling with specific warnings, etc).

16. Please indicate the required special storage conditions for (Ex. Away from light, refrigerated, dry place, etc.) specific medicines as well as their storage processes.

17. How the pharmaceutical care services are provided in the pharmacy, especially in:

- a.** Drug consulting
- b.** Rational drug use
- c.** Drug – drug, drug- illness, drug-food interactions

18. Describe how the computer-supported services are carried out in the Hospital pharmacy?

19. How the stock and the expiration date of the pharmaceuticals and the medical devices are controlled?

20. How the relationship between pharmacists and the clinical services are accomplished;

- a.** How often physicians working in clinics are consulting their pharmacist?
- b.** What are the main issues related to medicines most frequently consulted to pharmacists?

21. Provide information about the preparation of magistral medicines in the hospital pharmacy, as well as

- a.** Weighing of raw materials and end-products in hospital pharmacy
- b.** The usage of weighing instruments in hospital pharmacy.
- c.** Preparation and packaging of magistral medicines in the hospital pharmacy.

- 22.** How the reporting procedure is established and notified to "Pharmacovigilance Center" after a drug side effect information is received from a patient?
- 23.** Which audits are carried out in the hospital pharmacy; from which institutions, and how often they are audited?
- 24.** Is there a section related to Phytopharmacy within the pharmacy unite of hospital?



EMU Faculty of Pharmacy – Drug Company Practice

Following questions must be answered respectively with specified format (Word Format, Times New Roman font, 12 font size) by the student if student has done his/her traineeship within the scope of drug company practice:

- 1.** Please provide a detailed explanation on the organization of the drug company? Include the name of departments, the number of personnel in each department, daily and weekly working hours, the organization of administrative staff, the location of the company, the size of area where on the company is located, and a brief history of the company from its establishment to the present time. Also indicate the website of the company.
- 2.** Give specific information on quality control departments, quality assurance departments, and the microbiology department. Also indicate the cooperativity among their work progress.
- 3.** Describe in detail the facilities of Research and Development unit of the company.
- 4.** Explain in detail the production unit of the company, mainly its organization, daily work capacity, the instruments, classification of production according to the dosage forms.
- 5.** Make a list of the products of the company including their trade name. Classify them according to their dosage forms.
- 6.** Describe the business development strategy of the company. Information on the historical development of each drug product of the company is welcome.
- 7.** Is the company also working for the production of other drug company products? If yes, describe those products and the business strategy.

- 8.** What are the basic guidelines that workers follow in production and R&D units? Describe in detail.
- 9.** Describe the working progress in terms of technical documentation. Analyze it according to each unit including but not limited to quality control, quality assurance, microbiology, production units, and technical documentation.
- 10.** Describe the classification of personnel for each unit described. Then identify and discuss the positions that a pharmacist can be hired. Also discuss whether it is a requirement to continue graduate programs to get better job positions in a drug company? If so, what would be the main PhD programs that a pharmacist might join?
- 11.** What kind of undergraduate courses you already received appeared to you most helpful to conduct your traineeship in the drug company? Discuss them employing specific examples.
- 12.** Describe the quantification (assay) methods mostly utilized in a drug company. Give specific examples.
- 13.** Describe the impurity analysis followed. Why is there a need for impurity analysis? What are the basic guidelines followed? What types of instruments are mostly used for this type of analysis?
- 14.** Describe what would you do to enlarge the business capacity of the company if you were the owner of the company? Discuss it through your critiques that you gained during your traineeship.
- 15.** Describe in detail the process of chemical acceptance, rejection and storage processes of the company. Also state the type of labels utilized for all aforementioned processes.
- 16.** What are the conditions basically utilized for the storage of humid-, light-, heat-sensitive chemicals and drug products? Describe it giving specific examples.
- 17.** Discuss the basic experience that you have gained with this traineeship.
- 18.** Are you planning to find a job in a drug company following your graduation? If yes or no, please discuss your reason.