

*



ER91-PH-205

2216

BOARD DIPLOMA EXAMINATION, (ER-19)

JUNE/JULY—2022

DPH - SECOND YEAR EXAMINATION

DRUG STORE AND BUSINESS MANAGEMENT

Time : 3 hours]

[Total Marks : 80

PART—A

3×10=30

Instructions : (1) Answer **all** questions.

(2) Each question carries **three** marks.

(3) Answers should be brief and straight to the point and shall not exceed five simple sentences.

1. Define trade and commerce.
2. Classify various channels of distribution of drugs.
3. Write the various techniques of sales promotion.
4. Write a short note on mail order business.
5. Define codification of drugs and write the objectives of codification.
6. Define recruitment and mention the methods of recruitment.
7. Write about VED analysis of Inventory control.
8. Define market research. Write various sources of market research.
9. Define the term budget and mention the objectives of budgetary control.
10. What are financial statements? Mention its importance.

*

PART—B

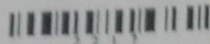
- Instructions :** (1) Answer *any five* questions.
(2) Each question carries **ten** marks.
(3) Answers should be comprehensive and criterion for valuation is the content but not the length of the answer.

- ⑤ 11. Write the various forms of business organization. Write salient features of proprietorship business with its advantages and disadvantages. 3+7
- ⑩ 12. Define Industry. Classify industries based in any two criteria. 2+8
13. Discuss various stages in purchasing procedure for procurement of items for drug store. 10
14. Define inventory control. Write the various methods of inventory control. Explain about EOQ method. 2+4+4
- ② 15. Define bank. Mention different types of bank. Explain the various functions of commercial banks. 2+2+6
16. Write the different types of concepts of accountancy. Discuss (a) Entry concept and (b) Accounting period concept. 2+4+4
- ③ 17. Write the following :
- (a) Write the various books of original entry. Write in detail about cashbook.
- (b) Differentiate between Journal and Ledger. 6+4
- ④ 18. What is Trial Balance? Write about the importance and methods of preparation of Trial Balance. 2+8

* * *

*

20/22 - 011



ER91-PH-206

2217

BOARD DIPLOMA EXAMINATION, (C-16)

JUNE/JULY—2022

DPH - SECAND YEAR EXAMINATION
HOSPITAL AND CLINICAL PHARMACY

Time : 3 hours]

[Total Marks : 80

PART—A

Instructions : (1) Answer all questions.

(2) Each question carries **three** marks.

(3) Answers should be brief and straight to the point and shall not exceed five simple sentences.

1. Write the role of hospital pharmacist in central sterile services. 3
2. Write any three tests to evaluate the absorbent cotton. 3
- ① 3. Define hospital and classify them on the basis of size. $1\frac{1}{2}+1\frac{1}{2}$
- ② 4. Define the terms Drug tolerance and drug addiction. $1\frac{1}{2}+1\frac{1}{2}$
- ③ 5. Write a short note on Universal antidote. 3
- ④ 6. Define clinical pharmacy. What are its objectives? 1+2
- ⑤ 7. Mention the normal values of ESR and write its significance. 1+2
- ⑥ 8. Write a short note on Drug information bulletin. 3
9. What are the steps involved in the preparation of suppositories by fusion proces. 3
10. List out the types of scissors and forceps used in hospitals. $1\frac{1}{2}+1\frac{1}{2}$

/2217

*

[Contd...

PART—B

10×5=50

- Instructions :
- (1) Answer *any five* questions.
 - (2) Each question carries **ten** marks.
 - (3) Answers should be comprehensive and criterion for valuation is the content but not the length of the answer.

- ① 11. Define and classify adverse drug reactions. Describe the predictable adverse drug reactions with examples. 2+2+6
- ② 12. Write about the qualifications and abilities required for hospital pharmacist. 5+5
- ⑤ 13. Describe the pathophysiology and symptoms of : 5+5
- (a) Diabetes mellitus
- (b) Congestive heart Failure
- ③ 14. Define the term bioavailability. Write in detail about the factors affecting bioavailability. 2+8
- ④ 15. Write in detail about floor stock system in hospitals.
16. Define pharmacy and therapeutic committee. Write the objectives and functions of PTC. 2+3+5
17. Describe the facilities requirements and environmental control in sterile manufacturing. 5+5
18. Explain the computer applications in Pharmacy. 10

* * *



ER91-PH-202

2213

BOARD DIPLOMA EXAMINATION, (ER-91)

JUNE/JULY—2022

DPH - SECOND YEAR EXAMINATION

PHARMACEUTICAL CHEMISTRY-II

Time : 3 hours]

[Total Marks : 80

PART—A

3×10=30

Instructions : (1) Answer **all** questions.(2) Each question carries **three** marks.

(3) Answers should be brief and straight to the point and shall not exceed five simple sentences.

1. Define Antiseptics and disinfectants with examples for each category. 1½ + 1½
2. Define diagnostic agents with examples. 2+1
3. Write the structures of the following : 1+1+1
(a) Indole, (b) Pyridine, (c) Pyrrole
4. Define coagulants and anticoagulants with examples. 1½+1½
5. Define and classify vitamins. 1+2
6. Define and classify Antileprotic agents. 1+2
7. What are steroids? Give any two exmples. 2+1
8. Define antihistaminic agents. Give any three examples. 1½+1½
9. Define analgesics and antipyretics with examples. 3
10. What are local anesthetics? Classify them. 1+2

Instructions : (1) Answer *any five* questions.

(2) Each question carries **ten** marks.

(3) Answers should be comprehensive and criterion for valuation is the content but not the length of the answer.

11. Define and classify hypoglycemic agents. Write the structure, properties and uses of (a) Chlorpropamide and (b) Phenformin. 2+4+4
12. What are diuretics? Classify them. Write the structure, properties, storage conditions and uses of the following : 2+4+4
(a) Mannitol
(b) Urea
13. What are cardiovascular agents? Classify them with examples. Write the structure, properties, storage conditions, official preparations and uses of Ethyl nitrite. 4+6
14. Define and classify antibiotics. Write the structure, properties, storage conditions and uses of the following : 2+4+4
(a) Benzyl penicillin
(b) Ampicillin
15. Define and classify anti-malarials with examples. Write the properties, storage conditions and uses of any two anti-malarial drugs. 1+3+3
16. What are general anesthetics? Classify them with examples. Write the structure, properties and uses of the following drugs : 2+4+4
(a) Cyclopropane
(b) Halothane
17. Define and classify sympathomimetics. Write the structure, properties and uses of adranaline and ephedrine. 2+4+4
18. What are non-steroidal anti-inflammatory agents? Classify them with examples. Write the structure, properties and uses of the following :
(a) Indomethacin, (b) Phenyl butazoen. 2+4+4

* * *

20/22-PH-011

*



ER91-PH-204

2215

BOARD DIPLOMA EXAMINATION, (ER-91)

JUNE/JULY—2022

DPH - SECOND YEAR EXAMINATION
PHARMACEUTICAL JURISPRUDENCE

Time : 3 hours]

[Total Marks : 80

PART—A

- Instructions :** (1) Answer **all** questions.
(2) Each question carries **three** marks.
(3) Answers should be brief and straight to the point and shall not exceed five simple sentences.

- ① 1. Write the objective of Pharmacy Act 1948. 3
- ② 2. Define retail sale and wholesale under D and C Act 1940. 3
- ③ 3. Define the following under NDPS Act 1985 : 1½+1½
(a) Opium derivatives
(b) Hemp derivatives
Narcotic drugs & Psychomimetic Subs.
- ④ 4. Write the circumstances to terminate pregnancy under Medical Termination of Pregnancy Act 1971. 3
- ⑤ 5. Write any three recommendations of Col. Chopra Committee. 3
- ⑥ 6. Write Schedule M and Schedule N. 1½+1½
- ⑦ 7. State the various rules prescribed by State Government for possession, possession for sale of poisonous substance under Poisonous Act 1919. 3

8. Write a note on Drugs Consultance Committee. 3
9. Write the general instructions and cautions to be appeared on label of drugs and cosmetics preparations. 3
10. Define the following terms : $1\frac{1}{2}+1\frac{1}{2}$
- (a) Patent and proprietary medicine
- (b) Adulterated medicine

PART—B

Instructions : (1) Answer *any five* questions.

(2) Each question carries **ten** marks.

(3) Answers should be comprehensive and criterion for valuation is the content but not the length of the answer.

11. Define Ethics. Discuss the role of ethics for pharmacist in relation to medical profession and job. $2+4+4$
12. Explain the following as per Drugs and Cosmetics Act 1940 : $5+5$
- (a) Qualifications and functions of Government analyst
- (b) Central drug laboratory
13. Define drug, advertisement and magic remedies. Explain the classes prohibited and exempted advertisements under Drugs and Magic Remedies Act 1954. $3+3+4$
14. Describe the constitution and functions of Drugs Technical Advisory Board (DTAB) as per Drugs and Cosmetics Act 1940. 10
15. Write the constitution and functions of Pharmacy Council as per Pharmacy Act 1948. 10
16. Explain the provisions for fixing and revising the price for bulk drugs under DPCO Act 1955. 10
18. Define Manufacture in band and Manufacture outside bond licenses. Write the requirements of bonded laboratory under Madical and Toilet Preparations Act 1955. $3+7$

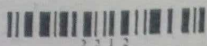
/2215

* * * * *

2

AA22-PDF

17. Describe Narcotic drugs & Psychotropic substances consultative committee & give the procedure for cultivation & collection of Poppy plants under NDPS Act, 1985



ER91-PH-201

2212

BOARD DIPLOMA EXAMINATION, (ER-91)

JUNE/JULY—2022

DPH - SECOND YEAR EXAMINATION

PHARMACEUTICS-II

Time : 3 hours]

[Total Marks : 80

PART—A

3×10=30

Instructions : (1) Answer **all** questions.

(2) Each question carries **three** marks.

(3) Answers should be brief and straight to the point and shall not exceed five simple sentences.

②

1. Give the formulas used for calculation of dose in proportionate to age, body weight, and surface area.

③

2. Define the following terms :

(a) Hygroscopic power

(b) Potent drug

(c) efflorescent powder

3. Calculate the weight of 200ml of alcohol whose density is 0.816 gm/ml.

④

4. Write the differences between syrups and elixirs.

⑤

5. Write the tests used for identification of type of emulsions.

⑥

6. Give the differences between flocculated and non-flocculated suspensions.

/2212

7. Mention incompatibility involved in the following prescription and suggest the correction to dispense the prescription.

R_x

Menthol	5 gm
Camphor	5 gm
Ammonium chloride	30 gm
Light Magnesium carbonate	60 gm

Make an Insufflation.

8. Differentiate between hard contact lens and soft contact lens
9. Give the importance of displacement value for the preparation of suppositories.
10. Define the following terms :
- (a) Depilatories
 - (b) Douches
 - (c) Pessaries

PART—B

Instructions : (1) Answer *any five* questions.

(2) Each question carries **ten** marks.

(3) Answers should be comprehensive and criterion for valuation is the content but not the length of the answer.

11. Define prescription. Describe the various parts of prescription with an example of typical prescription.

10

12. Define and classify incompatibility. Discuss the chemical incompatibility

which occurs due to Alkaloidal salts.

2+2+6

13. Describe on brief about evaluation tests of parenteral preparations. 10

③ 14. Define mixtures. Describe the method of dispensing the mixtures containing. 2+4+4

(a) Indiflusable solids

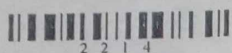
(b) precipitate forming liquids

15. Define emulsion. Classify emulsifying agents. Discuss in brief the various methods used for the preparation of emulsions. 2+2+6

16. Define and classify ointments. Describe in brief each ointment base used in the preparation of ointments. 2+2+6

⑤ 17. Define suppository. Classify different suppository bases. Discuss the methods used for the preparation of suppositories. 2+3+5

18. Define cosmetics. Discuss the qualities and formulation of dentifrices. 2+2+6



ER-91-PH-203

2214

BOARD DIPLOMA EXAMINATION, (E-91)

JUNE/JULY—2022

DPH - SECOND YEAR EXAMINATION
PHARMACOLOGY AND TOXICOLOGY

Time : 3 hours]

[Total Marks : 80

PART—A

Instructions : (1) Answer **all** questions.(2) Each question carries **three** marks.

(3) Answers should be brief and straight to the point and shall not exceed five simple sentences.

1. Define miosis and mydriasis with examples. 1½+1½
2. Define systemic and local effect. 1½+1½
3. Define glaucoma and classify drugs used in the treatment. 1+2
4. Classify drugs used in the removal of sputum. 3
5. Define haematinics. Give examples. 2+1
6. Define cardiotonics. Give examples. 2+1
7. Classify drugs used in the treatment of constipation. 3
8. Define Autocoids. Write the physiological role of Histamine in brief. 1+2
9. What are Blood substitutes? Give examples. 2+1
10. Define insomnia. Write the classification of drugs used in the treatment. 1+2

PART—B

Instructions : (1) Answer *any five* questions.

(2) Each question carries **ten** marks.

(3) Answers should be comprehensive and criterion for valuation is the content but not the length of the answer.

11. Define sympatholytics and classify them. Write the MOA, Pharmacological actions, adverse effects and used of Atenolol. 1+2+7
12. Classify NSAIDs. Write the MOA, Pharmacological actions, adverse effects and use of Aspirin.
13. Write about the following : $2\frac{1}{2}+2\frac{1}{2}+2\frac{1}{2}+2\frac{1}{2}$
- (a) Teratogenicity with examples
 - (b) First pass metabolism
 - (c) Bioavailability
 - (d) Pharmacodynamics
14. Define Asthma and classify antiasthmatic drugs. Write MOA, Pharmacological actions, adverse effects and used of salbutamol. 1+2+7
15. Write notes on 5+5
- (a) Anti-anginal drugs
 - (b) Hypolipidemics
16. Define Diabetes mellitus. Write in detail oral hypoglycaemic drugs. 2+8
17. Write about 4+3+3
- (a) Antiamoebics
 - (b) Anthelmintics
 - (c) Antivirals
18. Define diuretics and classify them. Write the MOA, pharmacological action, adverse effects and uses of Chlorthiazide. 1+2+7

* * *