

SUPPLEMENTARY
MANIKGAD - III: SUMMER- 2017
SUBJECT : PHARMACOTHERAPEUTICS - II

Day : Wednesday
 Date : 05.07.2017

Time : 10.00 A.M. To 1.00 P.M.
 Max. Marks : 70

N. B. :

- 1) **Q. No. 1 and Q. No. 5 are COMPULSORY.** Out of the remaining attempt **ANY TWO** questions from each section.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in the **SEPARATE** answer books.
- 4) Draw neat and labeled diagram **WHEREVER** necessary.

SECTION - I

- Q. 1 A)** Answer **ANY FOUR** of the following: (08)
- i) What is Syphilis? Enlist clinical manifestations.
 - ii) How will you manage allergic rhinitis?
 - iii) What are clinical manifestations of HIV?
 - iv) What are opportunistic infections?
 - v) Differentiate between sinusitis and rhinitis.
 - vi) Define infections endocarditis and its etiology.
- B)** Discuss in brief management of gonorrhea in women. (03)
- Q. 2** Discuss etiology, pathophysiology and management of UTI. (12)
- Q. 3 a)** Discuss management of bacterial meningitis. (07)
- b)** Discuss clinical presentations and management of otitis media. (05)
- Q. 4** Write short notes on **ANY THREE** of the following: (12)
- a) Management of sepsis
 - b) Complications of malaria
 - c) Management of syphilis
 - d) Scabies

P. T. O.

SECTION - II

- Q. 5 A)** Answer **ANY FOUR** of the following: (08)
- i) Enlist signs and symptoms of Gout.
 - ii) Enlist drugs inducing renal disorder.
 - iii) Discuss the symptoms of SLE.
 - iv) Mechanism of antimetabolites.
 - v) Enlist drugs used in management of chemotherapy induced emesis.
 - vi) Enlist the symptoms of acute renal failure.
- B)** Discuss the basic principles of cancer chemotherapy. (03)
- Q. 6** Discuss in detail pathophysiology and pharmacotherapy of leukemia. (12)
- Q. 7 a)** Explain clinical presentation and management of Rheumatoid arthritis. (07)
- b)** Classify anticancer drugs with suitable examples. Discuss mechanism of Alkylating agents. (05)
- Q. 8** Write short notes on **ANY THREE** of the following: (12)
- a) Management of Gout
 - b) Management of chronic Renal failure
 - c) Chemotherapy of breast cancer
 - d) Spondylitis

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SUPPLEMENTARY
MANIKGAD – III: SUMMER- 2017
SUBJECT : MEDICINAL CHEMISTRY

Day : Friday
Date : 07-07-2017

Time : 10.00 A.M. To 1.00 P.M.
Max. Marks : 70

N.B.:

- 1) Q.No.1 and Q.No.5 are **COMPULSORY**. Out of the remaining questions attempt **ANY TWO** questions from each section.
- 2) Answers to both the sections should be written in **SEPARATE** answer books.
- 3) Figures to the right indicate **FULL** marks.

SECTION – I

- Q.1 A)** Answer **ANY FOUR** of the following: [08]
i) Classify Anthelmintics.
ii) Write application of combinatorial chemistry.
iii) Classify antiviral agents.
iv) Classify local anti-infective agents.
v) Write structure of ethambutol and pyrazinamide.
- B)** Write SAR of sulphones. [03]
- Q.2 a)** Write note on co-trimoxazole and SAR of sulphonamides. [07]
b) Write note on Urinary tract anti-infectives. [05]
- Q.3** Classify antibiotics. Write detail note on tetracyclines. [12]
- Q.4** Write the synthesis of **ANY THREE** of the following: [12]
a) Acetazolamide
b) Progesterone
c) Sulphamethoxazole
d) Cloxacillin

SECTION – II

- Q.5 A)** Answer **ANY FOUR** of the following: [08]
i) Draw structures of any two hypoglycemic agents.
ii) Give MOA of HMG-CoA inhibitors as antihyperlipidemic agents.
iii) Draw structures of any two antithyroid agents.
iv) Draw structures of any two adrenocorticoids.
v) Explain coagulants as therapeutic agents.
- B)** Classify antiarrhythmic agents with examples. [03]
- Q.6 a)** Write a note on diuretics. [07]
b) Discuss anti-anginal and vasodilator agents. [05]
- Q.7** Discuss steroidal hormones in detail. [12]
- Q.8** Write a note on **ANY THREE** of the following: [12]
a) Hypoglycemic agents
b) Classification of antihypertensive agents
c) Calcium channel blockers
d) Antineoplastics

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