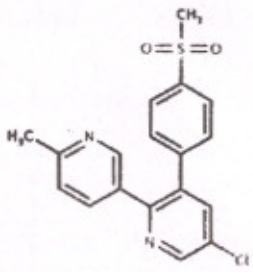


M. Pharm. (Pharmaceutical Chemistry)

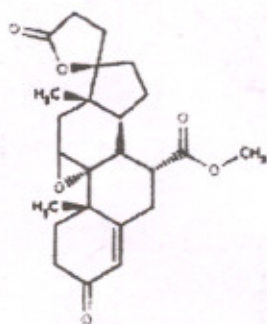
M. Pharm Entrance Exam Total Marks	-	100
Pharmacy related question	-	80
G.K./current affairs	-	20
Total question	-	100
Each question carries one mark		
Time allowed - 2½ hr.		

Q.1 Choose the correct statement for drug illustrated below-

	<p>I. LOX inhibitor II. COX-2 inhibitor III. Having chemical name 5-chloro-2-(6-methylpyridin-3-yl)-3-(4-methylsulfonylphenyl)pyridine</p>
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- A. I only B. I & III C. II only D. II & III only

Q.2 Identify the structure



- A. Spironolactone B. Eplerenone C. Pomidronate D. none

Q.3 Non-steroidal anti-inflammatory drugs (NSAIDs) are best Suited in:

- A. Patients with a history of gastric bleeding
B. Asthmatic patients
C. Patients who are hypersensitive to aspirin
D. Patients on paracetamol

- Q. 4 One molecule of water is capable of forming _____ hydrogen bonds.
 A. Two B. Three C. Four D. Five
- Q. 5 Which of the following is not an amino acid?
 A. glutamic acid B. aspartic acid C. glutamine D. none
- Q. 6 With respect to pharmaceutical gels, which of the following is true?
 A. Pharmaceutical gels reflect light, causing the product to have a 'creamy white' appearance.
 B. The structural properties of the gel are specifically due to the high water content of the formulation.
 C. Pharmaceutical gels are frequently formulated using long chain hydrocarbons.
 D. They may contain surface-active agents to enhance the solubility of the therapeutic agent.
- Q. 7 Papain present in
 A. *Carica papaya* B. *Vasconcellea cundinamarcensis*
 C. Both D. None
- Q. 8 The grating in a UV spectrophotometer is made up of
 A. Glass B. Polystyrene C. Quartz D. Potassium bromide
- Q. 9 CIMAP is situated at
 A. New Delhi B. Lucknow C. Hazipur D. Kanpur
- Q.10 Colors is the name of the entertainment channel that belongs to the stable of....
 A. Zee TV B. Star TV C. Viacom 18 D. Sony TV

Answer -

Ques.	1	2	3	4	5	6	7	8	9	10
Ans.	D	B	D	C	D	D	C	C	B	C