

Question Paper

Exam Date & Time: 27-Nov-2017 (02:00 PM - 05:00 PM)



MANIPAL UNIVERSITY

**MANIPAL COLLEGE OF PHARMACEUTICAL SCIENCES
END SEMESTER THEORY EXAMINATIONS - NOVEMBER 2017**

PROGRAM: MPHARM SEMESTER 1

DATE: 27/11/2017

TIME: 2:00PM - 5:00PM

Clinical Pharmacy Practice [PPR-MPP101T]

Marks: 50

Duration: 180 mins.

a

Answer all the questions.

Answer the following (5 marks x 8 = 40 marks)

- 1) Explain the steps involved in patient counselling. (5)
- 2) Explain on quality assurance of clinical pharmacy services (5)
- 3) Discuss the goals and procedure for ward rounds participation (5)
- 4) Explain various communication skills and their applications in patient care (5)
- 5) Explain tests associated with cardiac disorders. (5)
- 6) Explain steps for modified systemic approach in answering drug information queries. (5)
- 7) Explain in detail various pulmonary tests. (5)
- 8) Discuss in detail various medicine information resources. (5)

b

Answer the following with specific answers (2 marks x 5 = 10 marks)

- 9) Write various skills required for clinical pharmacist for providing pharmaceutical care (2)
 - 9A) (2)
 - 9B) Mention various barriers in patient counselling (2)
 - 9C) Explain the significance of Radioactive iodine uptake. (2)
 - 9D) Define drug information. (2)
 - 9E) Enlist factors that alters the normal values of ESR (2)

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END SEMESTER THEORY EXAMINATIONS - NOVEMBER 2017
PROGRAM: MPHARM SEMESTER 1**

DATE: 29/11/2017

TIME: 2:00PM - 5:00PM

Pharmacotherapeutics I [PPR-MPP102T]

Duration: 180 mins.

Marks: 50

Answer all the questions.

Answer the following (5 marks x 8 = 40 marks)

- 1) Describe the signs & symptoms of hepatitis B and write its treatment algorithm. (5)
- 2) Write the treatment algorithm of Crohn's disease. (5)
- 3) Discuss JNC-8 guidelines for the management of hypertension. (5)
- 4) Explain the management of hepatic encephalopathy and ascites in alcoholic liver disease (ALD) patients. (5)
- 5) Discuss the management of recurrent gouty arthritis. (5)
- 6) Explain the different treatment modalities for psoriasis. (5)
- 7) Broadly classify ventricular tachycardias. Explain the management of any one type of arrhythmia. (5)
- 8) Explain the management of unstable angina. (5)

Answer the following with specific answers (2 marks x 5 = 10 marks)

- 9) Enlist the symptoms of hypothyroidism. (2)
 - A) (2)
 - B) Mention the role of misoprostol in the management of NSAID induced ulcers. (2)
 - C) What is meant by "pink puffer" and "blue bloater" in COPD. (2)
 - D) Write the difference between eczema and scabies. (2)
 - E) Mention any 4 causes of venous thromboembolism (VTE). (2)

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END SEMESTER THEORY EXAMINATIONS - NOVEMBER 2017
PROGRAM : MPHARM SEMESTER I
DATE : 01-12-2017
TIME : 2:00PM - 5:00PM**

Hospital and Community Pharmacy [PPR-MPP103T]

Duration: 180 mins.

Marks: 50

Answer the following (5 marks x 8 = 40 marks)

- 1) Define Hospital. Draw an organization chart of Hospital (5)
- 2) What is unit dose. Explain the procedure for unit dose distribution method of dispensing to inpatients (5)
- 3) Explain perpetual inventory control method with its advantages. (5)
- 4) Explain the guiding principle to adapt hospital formulary system in the hospital (5)
- 5) Define Pharmacy Therapeutic committee. Explain its objectives (5)
- 6) What is Home Medication Review. Explain its advantages. (5)
- 7) Explain various steps involved in patient counselling. (5)
- 8) Describe the FDA criteria for OTC drugs and mention the role of pharmacist in dispensing OTC drugs. (5)

Answer the following with specific answers (2 marks x 5 = 10 marks)

- 9) Explain various types of records maintained in the community pharmacy (2)
 - A) Mention the members of research and ethical committee. (2)
 - B) Enumerate the components of Total Parenteral Nutrition. (2)
 - C) Mention various non-verbal communication skills (2)
 - D) What are various methods to detect medication adherence (2)
 - E)

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Date & Time: 04-Dec-2017 (02:00 PM - 05:00 PM)



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**MANIPAL COLLEGE OF PHARMACEUTICAL SCIENCES
END SEMESTER THEORY EXAMINATIONS - NOVEMBER 2017
PROGRAM : MPHARM SEMESTER I
DATE : 04-12-2017
TIME : 2:00PM - 5:00PM
Clinical Research [PPR-MPP104T]**

Marks: 50

Duration: 180 mins.

Answer all the questions.

Answer the following (5 marks x 8 = 40 marks)

- 1) Explain the principles of ICH GCP guidelines. (5)
- 2) Explain female reproduction and developmental toxicity studies as per Schedule Y. (5)
- 3) Discuss therapeutic exploratory trials and therapeutic confirmatory trials in detail. (5)
- 4) Explain the roles and responsibilities of Sponsor according to FDA. (5)
- 5) Explain the importance of regulatory authority in the conduct of Clinical Trials with the emphasis on FDA inspection. (5)
- 6) With Appropriate regulations explain NDA process to FDA. (5)
- 7) Explain various concepts of clinical data Management in the conduct of Clinical Trial process with appropriate regulations. (5)
- 8) Discuss contents of Investigator's Brochure in detail. (5)

Answer the following with specific answers (2 marks x 5 = 10 marks)

- 9) Differentiate between a "hit" and a "lead" (2)
 - A)
 - B) What is a clinical hold. Mention its types. (2)
 - C) What is meant by "Nuremberg code". Mention its significance. (2)
 - D) What is Paragraph IV? (2)
 - E) What are "FDA Observations" during an inspection ? Which is the form used to list the observations? (2)

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