

Exam Date &amp; Time: 18-Feb-2022 (10:00 AM - 01:00 PM)



# MANIPAL ACADEMY OF HIGHER EDUCATION

## Pharmacy Practice [PPR-BP703T - S2]

Marks: 75

Duration: 180 mins.

### I Multiple Choice Questions (MCQs)

Answer all the questions.

Section Duration: 30 mins

1) Type A reactions are characterized by which of the following?

1) Caused by drug-drug interaction	2) Idiosyncratic reaction	3) Patient Susceptibility	4) All of the above
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(1)

2) Service refers to activities that are part of the overall pharmacy service or pharmaceutical care process.

1) Drug Toxicity	2) Drug Compounding	3) Drug Information	4) Drug Supplement
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(1)

3) Isoenzymes increase diagnostic specificity

1) Cardiac Troponin I and T	2) CK-MB	3) Lactate Dehydrogenase	4) Aspartate aminotransferase
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(1)

4) Substance that has been tested in the laboratory and approved by the Drug Manufacturing Guidelines (DMG) control department for testing on people.

1) Bulk drugs	2) Investigational drug	3) OTC Drugs	4) Prescribed drugs
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5)

Anemia may be microcytic due to

1) Iron deficiency	2) Folic acid deficiency	3) Vitamin B12 deficiency	4) Vitamin K deficiency
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(1)

6) Tertiary Resources of drug information

1) Iowa Drug Information Service	2) Poisindex	3) AHFS	4) Drugdex
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7) Hospitals based on ..... is a common example under various classification of hospitals EXCEPT. (1)

1) Anatomicalphysiological specialization	2) Clinical Orientation	3) Quality of Clinical services	4) System of medicine
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8) ..... are the representatives for a typical Drugs and therapeutics committee EXCEPT.

1) From Public health	2) From Nursing	3) From Administration	4) From Research
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- 9) Providing medication information orally or in written form by the pharmacist to the patients on direction of use, advise on side effect, and life style modifications

1) Patient service	2) Patient intervention	3) Patient counselling	4) Patient Adherence
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(1)

- 10) Drug reaction usually caused due to the exacerbation of pharmacological effects of a drug, dose dependent, predictable and preventable.

1) Type B adverse drug reaction	2) Type C adverse drug reaction	3) Type D adverse drug reaction	4) Type A adverse drug reaction
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(1)

- 11) Laws, regulations, and standards on drugs in India is under.....

1) The drug controller	2) The pharmacy council	3) The central govt	4) The state govt.
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- 12) Broad, general statements of philosophy is also known as a .....

1) Procedure	2) Order	3) Policy	4) Legislation
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(1)

- 13) All of the following finding on a routine urinalysis would be considered normal except which one?

1) Red blood cells :5 per HPF	2) Ph:6.5	3) Glucose: negative	4) ketones: negative
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(1)

- 14) A 45 year women with jaundice has spillage of bilirubin into her urine. All of the below could apply to this patient except which one?

1) Her bilirubin is increased	2) She may have haemolytic anemia	3) viral hepatitis	4) She may have cholestatic hepatitis
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(1)

- 15) (1) A 60 year old man presents with bicarbonate of 18 mEq/L. All of the following could be a cause of his low bicarbonate level except.

1) Metabolic acidosis	2) Salicylate toxicity	3) Diarrhea	4) Diuretic therapy
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- 16) All of the following are important function of magnesium (Mg) except.

1) Phospholipid synthesis	2) Nerve conduction	3) Muscle contractility	4) Carbohydrate, fat and electrolyte metabolism
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(1)

- 17) Genetic polymorphism in which one of the following cytochrome P450 isoenzymes.

1) CYP2C19	2) CYP3A4	3) CYP2D6	4) CYP1A2
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(1)

- 18) The clinical significance of a potential drug interaction documented as

1) Established	2) Probable	3) Possible	4) All of the above
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- 19) A 70 year old man weighing 95 kg, complains of chronic fatigue, BUN 15 mg/dl, hematocrit 29%, Hemoglobin 9.0 g/dl, This Patient's mean cell hemoglobin concentration (MCHC) is

1) 27.5	2) 31.0	3) 35.4	4) 33.5
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- 20) Serum enzyme tests that may aid in the diagnosis of myocardial infarction include:

1) Alkaline phosphatase	2) CK and LDH	3) Alkaline phosphatase +CK	4) LDH
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(1)

## II Long Answers

Answer all the questions.

- 1) Explain the role of purchasing agent and pharmacist in drug procurement, and discuss the procedure for drug procurement in large hospital, (10)
- 2) Explain responsibilities of clinical pharmacist in Pharmaceutical care Plan. (10)

## III Short Answers

Answer all the questions.

- 1) Explain factors to be considered for Therapeutic Drug Monitoring (TDM). (5)
- 2) Explain the role of pharmacist in education and training program. (5)
- 3) Explain different types of classification Of hospitals. (5)
- 4) Explain the pulmonary function tests. (5)

- 5) Explain legal requirement for establishment of a community Pharmacy. (5)
- 6) Describe communication skills required for practicing pharmacists (5)
- 7) . Explain floor stock drug distribution system (5)

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