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2020

B.Pharm. (Practice) 1th Year End-Term Examination

PATHOPHYSIOLOGY AND PHARMACOTHERAPEUTICS — II

Full Marks – 60

Time – Three hours

The figures in the margin indicate full marks
for the questions.

1. Find out the correct answer : (10 × 1 = 10)
- (i) Positive symptoms of schizophrenia
- (a) Delusion
 - (b) Hallucination
 - (c) Bizarre behavior
 - (d) All of these
- (ii) Bipolar disorder is characterized by
- (a) Mania and depression
 - (b) Only mania and hallucination
 - (c) Depression and delusion
 - (d) None of these
- (iii) Which of the following is a gastric proton pump inhibitor (PPI)?
- (a) Carbenoxolone sodium
 - (b) Sucralfate
 - (c) Famotidine
 - (d) Rabeprazole

[Turn over

- (iv) Jaundice in Malaria can be grouped under
- (a) Congenital Hyperbilirubinaemia
 - (b) Haemolytic
 - (c) Hepatocellular
 - (d) Obstructive
- (v) Following is the excellent therapy for drug induced Aplastic anaemia
- (a) Antibiotic + Antifungal
 - (b) Transfusion support with erythrocyte and platelets.
 - (c) Antithymocyte globulin (ATG) and cyclosporine
 - (d) All the above
- (vi) The following antiulcer drug (Ulcer Protectant) does not act by reducing the secretion of or neutralizing gastric acid
- (a) Magnesium Hydroxide
 - (b) Sucralfate
 - (c) Ranitidine
 - (d) Omeprazole
- (vii) Epilepsy is the recurrent episodes of
- (a) Seizure (b) Ulcer
 - (c) Fever (d) None
- (viii) Following is an antiepileptic drug
- (a) Phenytoin
 - (b) Ranitidine
 - (c) Methotrexate
 - (d) Enalapril
- (ix) Following is an antidote for iron toxicity given as slow I.V.
- (a) Diazepam
 - (b) Phenobarbital
 - (c) Desferoxamine
 - (d) Deferiprone

(x) Iron is stored in our body as

- (a) Ferritin
- (b) Apoferritin
- (c) Transferrin
- (d) Ferrous gluconate.

2. Answer any SIX questions : (6 × 5 = 30)

- (a) Write down the pathophysiology and management of anxiety (5)
- (b) Explain the types of schizophrenia and its management. (5)
- (c) Write a short note on depression and manic depression (5)
- (d) What is epilepsy? Classify antiepileptic drugs with examples and mechanism of action. (1+4=5)
- (e) What is alcoholic liver disease? How alcohol can cause fatty liver? (2+3=5)
- (f) What is Cholelithiasis? Briefly explain about its surgical and non-surgical management. (1+4=5)
- (g) Define and classify anaemia. Write in brief about any one type of anaemia. (2+3=5)
- (h) Write a note on various haemopoietic agents. (5)

3. Answer any TWO questions : (2 × 10 = 20)

- (a) What are the classic symptoms of Parkinson's Disease? Classify antiparkinsonian drugs with examples and write the various mechanisms of action and their ADR. (3+7=10)
- (b) What is Dyspepsia and GERD? Brief the sign-symptoms. Discuss in details about therapy of peptic ulcer. (2+2+6= 10)
- (c) Briefly discuss about sign and symptoms, diagnosis and management of Liver Cirrhosis. (10)