

## PHARMACOTHERAPEUTICS

Time : 3.00 Hours]

[Maximum Marks : 80

### NOTES:

- i) Attempt all parts.
- ii) Students are advised to specially check the Numerical Data of question paper in both versions. If there is any difference in Hindi Translation of any question, the students should answer the question according to the English version.
- iii) Use of Pager and Mobile Phone by the students is not allowed.

### PART - A

[6 × 5 = 30]

Answer any six questions. Each question carries equal marks.

- Q1) What is hypertension? Explain pharmacological treatment of hypertension.
- Q2) What is Asthma? Discuss its treatment along with symptoms.
- Q3) Discuss in brief the types of diabetes with its pharmacological management.
- Q4) Explain symptoms and non-pharmacological management of SARS CoV2.
- Q5) Discuss pathogenesis and treatment of Alcoholic liver disease.
- Q6) Write a note on clinical manifestations and management of Rheumatoid Arthritis.
- Q7) Write a note on etiopathogenesis and treatment of iron deficiency anemia.

### PART - B

[10 × 3 = 30]

Answer any ten questions. Each question carries equal marks.

- Q1) Write a note on scope of pharmacotherapeutics.
- Q2) What are symptoms of Peptic ulcer?
- Q3) Write a note on treatment of Psoriasis.
- Q4) Write a brief note on antimicrobial resistance.
- Q5) What is pharmacological treatment for depression?
- Q6) What are nonpharmacological measures to avoid HIV and opportunistic infections?
- Q7) Write a note on treatment of migraine.
- Q8) Comment on treatment of glaucoma.
- Q9) What is difference between Crohn's disease and ulcerative colitis?
- Q10) Write a note on Hypothyroidism.
- Q11) Write in brief about Angina.

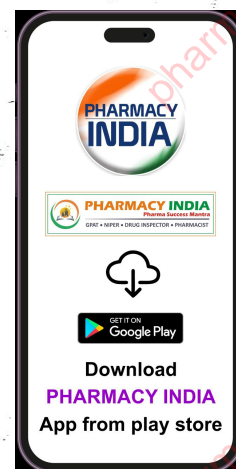
### PART - C

[20 × 1 = 20]

Answer all questions. Each question carries equal marks.

#### Multiple Choice Questions :

- Q1) Parkinson's disease occurs due to degeneration of which of the following neurons?
  - a) Dopaminergic
  - b) Cholinergic
  - c) Serotonergic
  - d) Glutamic
- Q2) Aspirin is :
  - a) Acetyl-salicylic Acid
  - b) Methyl salicylate
  - c) Sodium salicylate
  - d) Magnesium salicylate
- Q3) What tissues, organs or body systems can be affected by autoimmune disease?
  - a) Skin
  - b) Joints
  - c) Thyroid
  - d) All of the above
- Q4) malaria is caused by which of the following?
  - a) Entamoeba histolytica
  - b) Leishmania donovani
  - c) Clostridium tetani
  - d) Plasmodium species



- Q5) Which of the following diseases is due to psychiatric disorder?
- a) Asthma  
b) Glaucoma  
c) Anxiety  
d) Diabetes
- Q6) Which of the following diseases is related to cardiovascular system?
- a) Angina  
b) Epilepsy  
c) Eczema  
d) Pneumonia
- Q7) Lists of Essential medicines are updated:
- a) every year  
b) every two years  
c) every five years  
d) None of these

Fill in the blanks with suitable word / words.

- Q8) Pain associated with menstruation is called \_\_\_\_\_.
- Q9) The full form of COPD is \_\_\_\_\_.
- Q10) The full form of DMARD is \_\_\_\_\_.
- Q11) Tuberculosis is caused by \_\_\_\_\_.
- Q12) The causative agent of COVID 19 is \_\_\_\_\_.
- Q13) The normal average of intraocular pressure is between \_\_\_\_\_ mm Hg.
- Q14) The full form of HIV is \_\_\_\_\_.

One Word / One Sentence questions

- Q15) What is the use of Atorvastatin?
- Q16) How ergot alkaloids work in the treatment of migraine?
- Q17) Helicobacter pylori causes which disease?
- Q18) Megaloblastic anemia is caused by deficiency of which two vitamins?
- Q19) Define pharmacotherapeutics.
- Q20) What do you mean by non-pharmacological management of diseases?

(हिन्दी अनुवाद)

नोट : सभी खण्डों को हल कीजिए ।

**खण्ड - (अ)**

**दीर्घ प्रश्न**

किन्हीं छः प्रश्नों के उत्तर दीजिए । प्रत्येक प्रश्न के अंक समान हैं ।

- प्र.1) उच्च रक्त चाप क्या है? उच्च रक्तचाप के औषधीय उपचार की व्याख्या कीजिए ।
- प्र.2) दमा क्या है? लक्षणों के साथ इसके उपचार पर चर्चा कीजिए ।
- प्र.3) मधुमेह के प्रकार और उसके औषधीय प्रबन्धन पर संक्षेप में चर्चा कीजिए ।
- प्र.4) SARS CoV2 के लक्षणों और गैर-औषधीय प्रबन्धन की व्याख्या कीजिए ।
- प्र.5) अल्कोहलिक यकृत रोग के रोगजनन और उपचार पर चर्चा कीजिए ।
- प्र.6) संधिशोथ के नैदानिक लक्षणों और प्रबन्धन पर एक टिप्पणी लिखिए ।
- प्र.7) लोहे की कमी वाले एनीमिया के एटियोपैथोजेनेसिस और उपचार पर टिप्पणी लिखिए ।

[6 × 5 = 30]

**खण्ड - (ब)**

**लघु प्रश्न**

किन्हीं दस प्रश्नों के उत्तर दीजिए । प्रत्येक प्रश्न के अंक समान हैं ।

- प्र.1) फार्माकोथेरेप्यूटिक्स के क्षेत्र पर एक टिप्पणी लिखिए ।
- प्र.2) पेट्टिक अल्सर के लक्षण क्या हैं?
- प्र.3) सोरायसिस के उपचार पर एक टिप्पणी लिखिए ।
- प्र.4) जीवाणु रोधी प्रतिरोध पर एक संक्षिप्त टिप्पणी लिखिए ।
- प्र.5) अवसाद के लिए औषधीय उपचार क्या है?
- प्र.6) एच आई वी और अवसरवादी संक्रमणों से बचने के लिए गैर-औषधीय उपाय क्या हैं?
- प्र.7) माइग्रेन के उपचार पर एक टिप्पणी लिखिए ।
- प्र.8) ग्लूकोमा के इलाज पर टिप्पणी कीजिए ।

[10 × 3 = 30]

