



## Sessional II Even Semester Examination – May 2025

Roll no.....

Name of the Course and semester: B.Pharm

Semester: VI

Name of the Paper: Pharmacology-III

Paper Code: BP-602T

Time: 1.5 hour

Maximum Marks: 30

### Note:

- (i) This question paper contains three sections
- (ii) All the sections are compulsory

### SECTION-A

#### Multiple choice questions:

10 X 1 = 10 Marks

1	Amphotericin B primarily binds to: a) Ergosterol b) Peptidoglycan c) Mycolic acid d) DNA polymerase	(CO3)
2	Chloroquine exerts its antimalarial action by _____ a) Inhibiting dihydrofolate reductase b) Blocking heme polymerization c) Binding to DNA d) Inhibiting hypnozoites in the liver	(CO3)
3	Albendazole is used for the treatment of: a) Malaria b) Viral infections c) Fungal infections d) Helminthic infections	(CO3)
4	Which of the following is used to treat amoebiasis? a) Metronidazole b) Rifampicin c) Oseltamivir d) Amphotericin B	(CO3)
5	Viral DNA synthesis is interrupted by which of the following drug? a) Chloroquine b) Ivermectin c) Metronidazole d) Zidovudine	(CO3)



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6	Monoclonal antibodies are used to: a) Increase bacterial resistance b) Treat bacterial infections c) Target specific antigens in diseases d) Enhance metabolism	(CO4)
7	A key cytokine suppressed by cyclosporine is: a) IL-2 b) TNF- $\alpha$ c) IL-10 d) IFN- $\gamma$	(CO4)
8	A biosimilar is best defined as: a) An identical chemical compound b) A generic copy of any drug c) A biologic product highly similar to an approved biologic d) A drug that mimics enzyme functions	(CO4)
9	Immunostimulants are used for _____ a) Suppress the immune response b) Stimulate the immune system c) Destroy T-cells d) Reduce inflammation	(CO4)
10	Immunostimulant BCG vaccine is also indicated for: a) Prevention of hepatitis b) Treatment of bladder cancer c) Management of asthma d) Control of autoimmune diseases	(CO4)

**SECTION-B**

**Short Questions: Attempt any TWO questions.**

**2x5 = 10 Marks**

1	Classify antitubercular drugs. Give mechanism of action and uses of Isoniazid.	CO3
2	Give pharmacology of Dapsone.	CO3
3	Write a note on monoclonal antibodies and their applications in therapy.	CO4

**SECTION-C**

**Long questions: Attempt any ONE question**

**1x10 = 10 Marks**

1	Classify antiviral drugs. Give Pharmacology of Amantadine.	CO3
2	Differentiate between immunostimulants and immunosuppressants with suitable examples.	CO4