

Code No: BP415

Set No. 1

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD  
IV B.Pharmacy. I-Sem. I Mid-Term Examinations, Aug./Sept. – 2009  
Medicinal Chemistry-II

Objective Exam

Name: \_\_\_\_\_ Hall Ticket No. 

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Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 20.

I. Choose the correct alternative:

1. Phenytoin is a derivative of [     ]  
a) Hydantoin    b) Oxazole    c) Isoxazole    d) Tetrazole
2. Halothane contains the halogen atom as [     ]  
a) Bromine and Iodine    b) Chlorine and Fluorine  
c) Bromine, chlorine and Fluorine    d) Bromine, chlorine and iodine
3. Haloperidol is a major tranquilizer, it belongs to the class of [     ]  
a) Carbamates    b) Butyrophenone    c) Propane diol    d) Phenothiazine
4. Conjugation reactions are [     ]  
a) Phase I reactions    b) Phase II reactions    c) Phase III reactions    d) None
5. Catechols are [     ]  
a) Classical bioisosters    b) Divalent bioisosters  
c) Trivalent bioisosters    d) Non-classical bisosters
6. The non-hydrazine derivative of tricyclic antidepressant is [     ]  
a) Phenothiazine    b) Imipramine    c) Carbamazepine    d) None
7. Benzodiazepines are used as [     ]  
a) Antidepressants    b) Antiemetics    c) Sedatives    d) Antihistamines
8. An amide local anesthetic drug is [     ]  
a) Cocaine    b) Benzocaine    c) Lignocaine    d) Cinchochine
9. The enzyme involved in conjugation reactions are [     ]  
a) Transferases    b) Amidases    c) Hydroxylases    d) Reductases
10. Univalent replacement drug in bioisosterism [     ]  
a) Uracil    b) Procainamide    c) Mepyramine    d) Carbanicillin

Cont....[2]

[2]

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Set No. 1

**II. Fill in the Blanks:**

11. The chemical name of sulfonamide is \_\_\_\_\_
12. The I.U.P.A.C name of Lidocaine is \_\_\_\_\_
13. Benzodiazepines are used as \_\_\_\_\_
14. Carbamazepine anticonvulsant drug is metabolized into \_\_\_\_\_
15. MAO inhibitors are \_\_\_\_\_
16. Halothane contains the \_\_\_\_\_ halogen atoms
17. Fluoxetine is a \_\_\_\_\_ drug
18. The I.U.P.A.C name of Phenytoin is \_\_\_\_\_
19. Atoms, ions or molecules with similar number of \_\_\_\_\_ in peripheral layer is called bioisosters
20. Cotrimoxazole is a mixture of \_\_\_\_\_ and \_\_\_\_\_ drugs

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Set No. 2

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**IV B.Pharmacy. I-Sem. I Mid-Term Examinations, Aug./Sept. – 2009**  
**Medicinal Chemistry-II**

**Objective Exam**

Name: \_\_\_\_\_ Hall Ticket No. 

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**Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 20.**

**I. Choose the correct alternative:**

1. Conjugation reactions are [     ]  
a) Phase I reactions     b) Phase II reactions     c) Phase III reactions     d) None
2. Catechols are [     ]  
a) Classical bioisosters     b) Divalent bioisosters  
c) Trivalent bioisosters     d) Non-clasical bisisosters
3. The non-hydrazine derivative of tricyclic antidepressant is [     ]  
a) Phenothiazine     b) Imipramine     c) Carbamazepine     d) None
4. Benzodiazepines are used as [     ]  
a) Antidepressants     b) Antiemetics     c) Sedatives     d) Antihistamines
5. An amide local anesthetic drug is [     ]  
a) Cocaine     b) Benzocaine     c) Lignocaine     d) Cinchochaine
6. The enzyme involved in conjugation reactions are [     ]  
a) Transferases     b) Amidases     c) Hydroxylases     d) Reductases
7. Univalent replacement drug in bioisosterism [     ]  
a) Uracil     b) Procainamide     c) Mepyramine     d) Carbanicillin
- 8 Phenytoin is a derivative of [     ]  
a) Hydantoin     b) Oxazole     c) Isoxazole     d) Tetrazole
9. Halothane contains the halogenatom as [     ]  
a) Bromine and Iodine     b) Chlorine and Fluorine  
c) Bromine, chlorine and Fluorine     d) Bromine, chlorine and iodine
10. Haloperidol is a major tranquilizer, it belongs to the class of [     ]  
a) Carbamates     b) Butyrophenone     c) Propane diol     d) Phenothiazine

**Cont....[2]**

[2]

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Set No. 2

**II. Fill in the Blanks:**

11. Carbamazepine anticonvulsant drug is metabolized into \_\_\_\_\_
12. MAO inhibitors are \_\_\_\_\_
13. Halothane contains the \_\_\_\_\_ halogen atoms
14. Fluoxetine is a \_\_\_\_\_ drug
15. The I.U.P.A.C name of Phenytoin is \_\_\_\_\_
16. Atoms, ions or molecules with similar number of \_\_\_\_\_ in peripheral layer is called bioisosters
17. Cotrimoxazole is a mixture of \_\_\_\_\_ and \_\_\_\_\_ drugs
18. The chemical name of sulfonamide is \_\_\_\_\_
19. The I.U.P.A.C name if Lidocaine is \_\_\_\_\_
20. Benzodiazepines are used as \_\_\_\_\_

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Set No. 3

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**IV B.Pharmacy. I-Sem. I Mid-Term Examinations, Aug./Sept. – 2009**  
**Medicinal Chemistry-II**

**Objective Exam**

Name: \_\_\_\_\_ Hall Ticket No. 

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**Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 20.**

**I. Choose the correct alternative:**

1. The non-hydrazine derivative of tricyclic antidepressant is [    ]  
a) Phenothiazine    b) Imipramine    c) Carbamazepine    d) None
2. Benzodiazepines are used as [    ]  
a) Antidepressants    b) Antiemetics    c) Sedatives    d) Antihistamines
3. An amide local anesthetic drug is [    ]  
a) Cocaine    b) Benzocaine    c) Lignocaine    d) Cinchochine
4. The enzyme involved in conjugation reactions are [    ]  
a) Transferases    b) Amidases    c) Hydroxylases    d) Reductases
5. Univalent replacement drug in bioisosterism [    ]  
a) Uracil    b) Procainamide    c) Mepyramine    d) Carbanicillin
- 6 Phenytoin is a derivative of [    ]  
a) Hydantoin    b) Oxazole    c) Isoxazole    d) Tetrazole
7. Halothane contains the halogen atom as [    ]  
a) Bromine and Iodine    b) Chlorine and Fluorine  
c) Bromine, chlorine and Fluorine    d) Bromine, chlorine and iodine
8. Haloperidol is a major tranquilizer, it belongs to the class of [    ]  
a) Carbamates    b) Butyrophenone    c) Propane diol    d) Phenothiazine
9. Conjugation reactions are [    ]  
a) Phase I reactions    b) Phase II reactions    c) Phase III reactions    d) None
10. Catechols are [    ]  
a) Classical bioisosters    b) Divalent bioisosters  
c) Trivalent bioisosters    d) Non-classical bisosters

**Cont....[2]**

[2]

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Set No. 3

**II. Fill in the Blanks:**

11. Halothane contains the \_\_\_\_\_ halogen atoms
12. Fluoxetine is a \_\_\_\_\_ drug
13. The I.U.P.A.C name of Phenytoin is \_\_\_\_\_
14. Atoms, ions or molecules with similar number of \_\_\_\_\_ in peripheral layer is called bioisosters
15. Cotrimoxazole is a mixture of \_\_\_\_\_ and \_\_\_\_\_ drugs
16. The chemical name of sulfonamide is \_\_\_\_\_
17. The I.U.P.A.C name if Lidocaine is \_\_\_\_\_
18. Benzodiazepines are used as \_\_\_\_\_
19. Carbamazepine anticonvulsant drug is metabolized into \_\_\_\_\_
20. MAO inhibitors are \_\_\_\_\_

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Set No. 4

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**  
**IV B.Pharmacy. I-Sem. I Mid-Term Examinations, Aug./Sept. – 2009**  
**Medicinal Chemistry-II**

**Objective Exam**

Name: \_\_\_\_\_ Hall Ticket No. 

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**Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 20.**

**I. Choose the correct alternative:**

1. An amide local anesthetic drug is [     ]  
a) Cocaine                      b) Benzocaine                      c) Lignocaine                      d) Cinchochine
2. The enzyme involved in conjugation reactions are [     ]  
a) Transferases      b) Amidases                      c) Hydroxylases                      d) Reductases
3. Univalent replacement drug in bioisosterism [     ]  
a) Uracil                      b) Procainamide                      c) Mepyramine                      d) Carbanicillin
- 4 Phenytoin is a derivative of [     ]  
a) Hydantoin      b) Oxazole                      c) Isoxazole                      d) Tetrazole
5. Halothane contains the halogenatom as [     ]  
a) Bromine and Iodine                      b) Chlorine and Fluorine  
c) Bromine, chlorine and Fluorine                      d) Bromine, chlorine and iodine
6. Haloperidol is a major tranquilizer, it belongs to the class of [     ]  
a) Carbamates      b) Butyrophenone                      c) Propane diol                      d) Phenonthiazine
7. Conjugation reactions are [     ]  
a) Phase I reactions                      b) Phase II reactions                      c) Phase III reactions                      d) None
8. Catechols are [     ]  
a) Classical bioisosters                      b) Divalent bioisosters  
c) Trivalent bioisosters                      d) Non-clasical bisisosters
9. The non-hydrazine derivative of tricyclic antidepressant is [     ]  
a) Phenonthiazine      b) Imipramine                      c) Carbamazepine                      d) None
10. Benzodiazepines are used as [     ]  
a) Antidepressants      b) Antiemetics                      c) Sedatives                      d) Antihistamines

**Cont....[2]**

[2]

Code No: BP415

Set No. 4

**II. Fill in the Blanks:**

11. The I.U.P.A.C name of Phenytoin is \_\_\_\_\_
12. Atoms, ions or molecules with similar number of \_\_\_\_\_ in peripheral layer is called bioisosters
13. Cotrimoxazole is a mixture of \_\_\_\_\_ and \_\_\_\_\_ drugs
14. The chemical name of sulfonamide is \_\_\_\_\_
15. The I.U.P.A.C name if Lidocaine is \_\_\_\_\_
16. Benzodiazepines are used as \_\_\_\_\_
17. Carbamazepine anticonvulsant drug is metabolized into \_\_\_\_\_
18. MAO inhibitors are \_\_\_\_\_
19. Halothane contains the \_\_\_\_\_ halogen atoms
20. Fluoxetine is a \_\_\_\_\_ drug

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