

Code No :223AB

Set No.1

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

II B.Pharmacy-I Sem., II-Mid-Term Examinations, November – 2016

PHARMACEUTICAL ORGANIC CHEMISTRY-II

Objective Exam

Name: _____ **Hall Ticket No.**

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Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.

I Choose the correct alternative:

1. Michael addition is an example of ----- []
a) rearrangement b) Conjugate addition c) Conjugate substitution d) substitution
2. Which of the following reaction can be used for synthesis of alkenes from carbonyl compounds []
a) witting reaction b) birch reaction c) Bekmann rearrangement d) Oppenauer oxidation
3. DNA is found in _____ []
a) Nucleus b) cytoplasm c) mitochondria d) both a&c
4. The base present in nucleoside uridine is ----- []
a) cytosine b) adenine c) uracil d) guanine
5. The catalyst used in Oppenauer oxidation is ----- []
a) metal oxide b) base c) acid d) phosphonium yeild
6. The number of optical isomers possible for compounds can be determined by []
a) n^2 b) 2^n c) 3^n d) n^3
7. Phenatrinine is an isomer of []
a) naphthalene b) anthracene c) naphacene d) anthraline
8. Number of aromatic rings in naphthacene []
a) 2 b) 3 c) 4 d) 5
9. The $C_1 - C_2$ bond length in anthracene is []
a) 1.42 b) 1.37 c) 1.34 d) 1.24
10. Conversion of oximes to amides is known as []
a) Schmidt reaction b) oppenauer oxidation c) wittig reaction d) beckmann rearrangement

Cont....2

II Fill in the Blanks

11. The process of conversion an optically active compound into a racemic mixture is known as _____
12. The synonym of naphthalene is _____
13. Each carbon atom of phenanthrene undergoes _____ hybridisation.
14. Synthesis of ketones from secondary alcohols is known as _____
15. Reaction of hydrazoic acid with carboxylic acids to yield amines is known as _____
16. Resonance energy of naphthalene is _____
17. _____ - are phosphoric esters of nucleosides.
18. Theophylline on oxidation produces _____
19. Mannich reaction is a type of _____-reaction
20. Thiamine+deoxy ribose produces _____

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Set No.2

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

II B.Pharmacy-I Sem., II-Mid-Term Examinations, November – 2016

PHARMACEUTICAL ORGANIC CHEMISTRY-II

Objective Exam

Name: _____ **Hall Ticket No.**

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Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.

I Choose the correct alternative:

1. The base present in nucleoside uridine is ----- []
a) cytosine b) adenine c) uracil d) guanine
2. The catalyst used in Oppenauer oxidation is ----- []
a) metal oxide b) base c) acid d) phosphonium yeild
3. The number of optical isomers possible for compounds can be determined by []
a) n^2 b) 2^n c) 3^n d) n^3
4. Phenatrinine is an isomer of []
a) naphthalene b) anthracene c) naphthacene d) anthraline
5. Number of aromatic rings in naphthacene []
a) 2 b) 3 c) 4 d) 5
6. The $C_1 - C_2$ bond length in anthracene is []
a) 1.42 b) 1.37 c) 1.34 d) 1.24
7. Conversion of oximes to amides is known as []
a) Schmidt reaction b) oppenauer oxidation c) wittig reaction d) beckmann rearrangement
8. Michael addition is an example of ----- []
a) rearrangement b) Conjugate addition c) Conjugate substitution d) substitution
9. Which of the following reaction can be used for synthesis of alkenes from carbonyl compounds []
a) witting reaction b) birch reaction c) Bekmann rearrangement d) Oppenauer oxidation
10. DNA is found in _____ []
a) Nucleus b) cytoplasm c) mitochondria d) both a&c

Cont....2

II Fill in the Blanks

11. Synthesis of ketones from secondary alcohols is known as _____
12. Reaction of hydrazoic acid with carboxylic acids to yield amines is known as _____
13. Resonance energy of naphthalene is _____
14. _____ - are phosphoric esters of nucleosides.
15. Theophylline on oxidation produces _____
16. Mannich reaction is a type of _____ -reaction
17. Thiamine + deoxy ribose produces _____
18. The process of conversion of an optically active compound into a racemic mixture is known as _____
19. The synonym of naphthalene is _____
20. Each carbon atom of phenanthrene undergoes _____ hybridisation.

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Code No :223AB

Set No.3

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

II B.Pharmacy-I Sem., II-Mid-Term Examinations, November – 2016

PHARMACEUTICAL ORGANIC CHEMISTRY-II

Objective Exam

Name: _____ Hall Ticket No.

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Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.

I Choose the correct alternative:

1. The number of optical isomers possible for compounds can be determined by []
a) n^2 b) 2^n c) 3^n d) n^3
2. Phenatrinine is an isomer of []
a) naphthalene b) anthracene c) naphthacene d) anthraline
3. Number of aromatic rings in naphthacene []
a) 2 b) 3 c) 4 d) 5
4. The $C_1 - C_2$ bond length in anthracene is []
a) 1.42 b) 1.37 c) 1.34 d) 1.24
5. Conversion of oximes to amides is known as []
a) Schmidt reaction b) Oppenauer oxidation c) Wittig reaction d) Beckmann rearrangement
6. Michael addition is an example of ----- []
a) rearrangement b) Conjugate addition c) Conjugate substitution d) substitution
7. Which of the following reaction can be used for synthesis of alkenes from carbonyl compounds []
a) Wittig reaction b) Birch reaction c) Beckmann rearrangement d) Oppenauer oxidation
8. DNA is found in ----- []
a) Nucleus b) cytoplasm c) mitochondria d) both a & c
9. The base present in nucleoside uridine is ----- []
a) cytosine b) adenine c) uracil d) guanine
10. The catalyst used in Oppenauer oxidation is ----- []
a) metal oxide b) base c) acid d) phosphonium ylide

Cont....2

II Fill in the Blanks

11. Resonance energy of naphthalene is _____
12. _____ - are phosphoric esters of nucleosides.
13. Theophylline on oxidation produces _____
14. Mannich reaction is a type of _____-reaction
15. Thiamine+deoxy ribose produces _____
16. The process of conversion of an optically active compound into a racemic mixture is known as _____
17. The synonym of naphthalene is _____
18. Each carbon atom of phenanthrene undergoes _____ hybridisation.
19. Synthesis of ketones from secondary alcohols is known as _____
20. Reaction of hydrazoic acid with carboxylic acids to yield amines is known as _____

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Code No :223AB

Set No.4

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

II B.Pharmacy-I Sem., II-Mid-Term Examinations, November – 2016

PHARMACEUTICAL ORGANIC CHEMISTRY-II

Objective Exam

Name: _____ Hall Ticket No.

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Answer All Questions. All Questions Carry Equal Marks. Time: 20 Min. Marks: 10.

I Choose the correct alternative:

1. Number of aromatic rings in naphthalene []
a) 2 b) 3 c) 4 d) 5
2. The C₁-C₂ bond length in anthracene is []
a) 1.42 b) 1.37 c) 1.34 d) 1.24
3. Conversion of oximes to amides is known as []
a) Schmidt reaction b) Oppenauer oxidation c) Wittig reaction d) Beckmann rearrangement
4. Michael addition is an example of ----- []
a) rearrangement b) Conjugate addition c) Conjugate substitution d) substitution
5. Which of the following reaction can be used for synthesis of alkenes from carbonyl compounds []
a) Wittig reaction b) Birch reaction c) Beckmann rearrangement d) Oppenauer oxidation
6. DNA is found in ----- []
a) Nucleus b) cytoplasm c) mitochondria d) both a & c
7. The base present in nucleoside uridine is ----- []
a) cytosine b) adenine c) uracil d) guanine
8. The catalyst used in Oppenauer oxidation is ----- []
a) metal oxide b) base c) acid d) phosphonium ylide
9. The number of optical isomers possible for compounds can be determined by []
a) n^2 b) 2^n c) 3^n d) n^3
10. Phenanthrene is an isomer of []
a) naphthalene b) anthracene c) naphthalene d) anthracene

Cont....2

II Fill in the Blanks

11. Theopiline on oxidation produces _____
12. Mannich reaction is a type of _____-reaction
13. Thyamine+deoxy ribose produces _____
14. The process of conversion an optically active compound into a racemic mixture is known as _____
15. The synonym of naphthalene is _____
16. Each carbon atom of phenanthrene undergoes _____ hybridisation.
17. Synthesis of ketones from secondary alcohols is known as _____
18. Reaction of hydrazoic acid with carboxylic acids to yield amines is known as _____
19. Resonance energy of naphthalene is _____
20. _____ - are phosphoric esters of nucleosides.

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