Script Number - 1/2019

(Do not write or mark anything on this page)

1) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Elimination-addition reaction
   b) Addition-elimination reaction
   c) Elimination reaction
   d) Addition reaction
2) Which one of the following is the substrate in Cumene phenol method
   a) Toluene
   b) Isopropyl benzene
   c) Nitrobenzene
   d) Xylene
3) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexene
   b) Cyclohenylamine
   c) Oxime
   d) Cyclohexadiene
4) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) substitution reaction
   b) Addition-elimination reaction
   c) elimination reaction
   d) Addition reaction
5) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) carboxylic acid
   b) both carboxylic acid and alcohol
   c) none from carboxylic acid or alcohol
   d) alcohol
6) Which one of the following will give haloform reaction
   a) 2-butanol
   b) Butanal
   c) 1-propanol
   d) 1-butanol
7) Which one of the following is the reagent of Wittig reaction?
   a) Phosphonium ylid
   b) Anhydrous zinc chloride
   c) Sodium bisulfite
   d) Phenyl lithium
8) Oppenauer oxidation is similar but opposite to
   a) Meerwein-Pondorf-Verley reduction
   b) Clemmensen reduction
   c) Wolff-Kishner reduction
   d) Wittig reaction
9) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Lucas reaction
   b) Claisen-Schmidt reaction
   c) Knoevenagel reaction
   d) Perkin reaction
10) Meerwein-Pondorf-Verley reduction produces
   a) Benzaldehyde
   b) n-butane
   c) Acetaldehyde
   d) Acetone

Script Number - 2/2019

(Do not write or mark anything on this page)

1) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Perkin reaction
   b) Knoevenagel reaction
   c) Lucas reaction
   d) Claisen-Schmidt reaction

2) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Elimination-addition reaction
   b) Addition-elimination reaction
   c) Addition reaction
   d) Elimination reaction

3) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) elimination reaction
   b) substitution reaction
   c) Addition-elimination reaction
   d) Addition reaction

4) Oppenauer oxidation is similar but opposite to
   a) Wittig reaction
   b) Meerwein-Pondorf-Verley reduction
   c) Wolff-Kishner reduction
   d) Clemmensen reduction

5) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Oxime
   b) Cyclohexadiene
   c) Cyclohexene
   d) Cyclohenylamine

6) Which one of the following is the reagent of Wittig reaction?
   a) Sodium bisulfite
   b) Phenyl lithium
   c) Anhydrous zinc chloride
   d) Phosphonium ylid

7) Meerwein-Pondorf-Verley reduction produces
   a) Acetone
   b) Benzaldehyde
   c) Acetaldehyde
   d) n-butane

8) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) alcohol
   b) none from carboxylic acid or alcohol
   c) both carboxylic acid and alcohol
   d) carboxylic acid

9) Which one of the following will give haloform reaction
   a) Butanal
   b) 1-butanol
   c) 2-butanol
   d) 1-propanol

10) Which one of the following is the substrate in Cumene phenol method
   a) Toluene
   b) Xylene
   c) Isopropyl benzene
   d) Nitrobenzene

Script Number - 3/2019

(Do not write or mark anything on this page)

1) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) none from carboxylic acid or alcohol
   b) alcohol
   c) both carboxylic acid and alcohol
   d) carboxylic acid
2) Which one of the following is the substrate in Cumene phenol method
   a) Nitrobenzene
   b) Toluene
   c) Isopropyl benzene
   d) Xylene
3) Which one of the following will give haloform reaction
   a) Butanal
   b) 1-propanol
   c) 1-butanol
   d) 2-butanol
4) Oppenauer oxidation is similar but opposite to
   a) Meerwein-Pondorf-Verley reduction
   b) Wittig reaction
   c) Wolff-Kishner reduction
   d) Clemmensen reduction
5) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Knoevenagel reaction
   b) Claisen-Schmidt reaction
   c) Perkin reaction
   d) Lucas reaction
6) Which one of the following is the reagent of Wittig reaction?
   a) Phosphonium ylid
   b) Phenyl lithium
   c) Sodium bisulfite
   d) Anhydrous zinc chloride
7) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexene
   b) Oxime
   c) Cyclohenylamine
   d) Cyclohexadiene
8) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) elimination reaction
   b) Addition-elimination reaction
   c) Addition reaction
   d) substitution reaction
9) Meerwein-Pondorf-Verley reduction produces
   a) Benzaldehyde
   b) Acetaldehyde
   c) n-butane
   d) Acetone
10) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Addition-elimination reaction
   b) Elimination reaction
   c) Addition reaction
   d) Elimination-addition reaction

Script Number - 4/2019

(Do not write or mark anything on this page)

1) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Addition reaction
   b) Elimination-addition reaction
   c) Addition-elimination reaction
   d) Elimination reaction
2) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexene
   b) Oxime
   c) Cyclohenylamine
   d) Cyclohexadiene
3) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Lucas reaction
   b) Claisen-Schmidt reaction
   c) Perkin reaction
   d) Knoevenagel reaction
4) Which one of the following will give haloform reaction
   a) 1-propanol
   b) 2-butanol
   c) 1-butanol
   d) Butanal
5) Oppenauer oxidation is similar but opposite to
   a) Wittig reaction
   b) Meerwein-Pondorf-Verley reduction
   c) Clemmensen reduction
   d) Wolff-Kishner reduction
6) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) elimination reaction
   b) Addition-elimination reaction
   c) substitution reaction
   d) Addition reaction
7) Which one of the following is the substrate in Cumene phenol method
   a) Nitrobenzene
   b) Xylene
   c) Toluene
   d) Isopropyl benzene
8) Meerwein-Pondorf-Verley reduction produces
   a) Acetaldehyde
   b) Benzaldehyde
   c) Acetone
   d) n-butane
9) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) carboxylic acid
   b) both carboxylic acid and alcohol
   c) alcohol
   d) none from carboxylic acid or alcohol
10) Which one of the following is the reagent of Wittig reaction?
   a) Phosphonium ylid
   b) Sodium bisulfite
   c) Anhydrous zinc chloride
   d) Phenyl lithium

Script Number - 5/2019

(Do not write or mark anything on this page)

1) Which one of the following will give haloform reaction
   a) 2-butanol
   b) 1-propanol
   c) Butanal
   d) 1-butanol
2) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) substitution reaction
   b) Addition reaction
   c) Addition-elimination reaction
   d) elimination reaction
3) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) both carboxylic acid and alcohol
   b) carboxylic acid
   c) alcohol
   d) none from carboxylic acid or alcohol
4) Which one of the following is the reagent of Wittig reaction?
   a) Phenyl lithium
   b) Sodium bisulfite
   c) Anhydrous zinc chloride
   d) Phosphonium ylid
5) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohenylamine
   b) Cyclohexene
   c) Oxime
   d) Cyclohexadiene
6) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Addition-elimination reaction
   b) Addition reaction
   c) Elimination reaction
   d) Elimination-addition reaction
7) Which one of the following is the substrate in Cumene phenol method
   a) Nitrobenzene
   b) Toluene
   c) Isopropyl benzene
   d) Xylene
8) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Lucas reaction
   b) Knoevenagel reaction
   c) Perkin reaction
   d) Claisen-Schmidt reaction
9) Meerwein-Pondorf-Verley reduction produces
   a) Benzaldehyde
   b) Acetaldehyde
   c) Acetone
   d) n-butane
10) Oppenauer oxidation is similar but opposite to
   a) Wolff-Kishner reduction
   b) Wittig reaction
   c) Clemmensen reduction
   d) Meerwein-Pondorf-Verley reduction

Script Number - 6/2019

(Do not write or mark anything on this page)

1) Meerwein-Pondorf-Verley reduction produces
   a) Benzaldehyde
   b) Acetone
   c) n-butane
   d) Acetaldehyde

2) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Elimination reaction
   b) Addition-elimination reaction
   c) Addition reaction
   d) Elimination-addition reaction

3) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohenylamine
   b) Cyclohexene
   c) Oxime
   d) Cyclohexadiene

4) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) alcohol
   b) carboxylic acid
   c) none from carboxylic acid or alcohol
   d) both carboxylic acid and alcohol

5) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) substitution reaction
   b) elimination reaction
   c) Addition reaction
   d) Addition-elimination reaction

6) Which one of the following is the reagent of Wittig reaction?
   a) Phenyl lithium
   b) Anhydrous zinc chloride
   c) Sodium bisulfite
   d) Phosphonium ylid

7) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Lucas reaction
   b) Perkin reaction
   c) Knoevenagel reaction
   d) Claisen-Schmidt reaction

8) Oppenauer oxidation is similar but opposite to
   a) Clemmensen reduction
   b) Wolff-Kishner reduction
   c) Wittig reaction
   d) Meerwein-Pondorf-Verley reduction

9) Which one of the following will give haloform reaction
   a) 2-butanol
   b) Butanal
   c) 1-butanol
   d) 1-propanol

10) Which one of the following is the substrate in Cumene phenol method
   a) Xylene
   b) Toluene
   c) Nitrobenzene
   d) Isopropyl benzene

Script Number - 7/2019

(Do not write or mark anything on this page)

1) Which one of the following is the reagent of Wittig reaction?
   a) Phenyl lithium
   b) Sodium bisulfite
   c) Anhydrous zinc chloride
   d) Phosphonium ylid

2) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Addition-elimination reaction
   b) Elimination-addition reaction
   c) Addition reaction
   d) Elimination reaction

3) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Perkin reaction
   b) Lucas reaction
   c) Knoevenagel reaction
   d) Claisen-Schmidt reaction

4) Which one of the following will give haloform reaction
   a) Butanal
   b) 1-butanol
   c) 2-butanol
   d) 1-propanol

5) Oppenauer oxidation is similar but opposite to
   a) Meerwein-Pondorf-Verley reduction
   b) Clemmensen reduction
   c) Wittig reaction
   d) Wolff-Kishner reduction

6) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) carboxylic acid
   b) none from carboxylic acid or alcohol
   c) both carboxylic acid and alcohol
   d) alcohol

7) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohenylamine
   b) Cyclohexene
   c) Cyclohexadiene
   d) Oxime

8) Which one of the following is the substrate in Cumene phenol method
   a) Xylene
   b) Isopropyl benzene
   c) Toluene
   d) Nitrobenzene

9) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) elimination reaction
   b) Addition-elimination reaction
   c) Addition reaction
   d) substitution reaction

10) Meerwein-Pondorf-Verley reduction produces
   a) Benzaldehyde
   b) n-butane
   c) Acetaldehyde
   d) Acetone

Script Number - 8/2019

(Do not write or mark anything on this page)

1) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) none from carboxylic acid or alcohol
   b) carboxylic acid
   c) both carboxylic acid and alcohol
   d) alcohol
2) Which one of the following will give haloform reaction
   a) 2-butanol
   b) 1-propanol
   c) Butanal
   d) 1-butanol
3) Which one of the following is the reagent of Wittig reaction?
   a) Phenyl lithium
   b) Anhydrous zinc chloride
   c) Sodium bisulfite
   d) Phosphonium ylid
4) Oppenauer oxidation is similar but opposite to
   a) Clemmensen reduction
   b) Wittig reaction
   c) Wolff-Kishner reduction
   d) Meerwein-Pondorf-Verley reduction
5) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Addition reaction
   b) Elimination reaction
   c) Elimination-addition reaction
   d) Addition-elimination reaction
6) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Perkin reaction
   b) Knoevenagel reaction
   c) Claisen-Schmidt reaction
   d) Lucas reaction
7) Meerwein-Pondorf-Verley reduction produces
   a) Acetaldehyde
   b) Acetone
   c) n-butane
   d) Benzaldehyde
8) Which one of the following is the substrate in Cumene phenol method
   a) Isopropyl benzene
   b) Xylene
   c) Nitrobenzene
   d) Toluene
9) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) Addition reaction
   b) substitution reaction
   c) Addition-elimination reaction
   d) elimination reaction
10) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohenylamine
   b) Cyclohexene
   c) Cyclohexadiene
   d) Oxime

Script Number - 9/2019

(Do not write or mark anything on this page)

1) Which one of the following will give haloform reaction
   a) 1-butanol
   b) Butanal
   c) 2-butanol
   d) 1-propanol
2) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohenylamine
   b) Cyclohexene
   c) Cyclohexadiene
   d) Oxime
3) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Claisen-Schmidt reaction
   b) Knoevenagel reaction
   c) Lucas reaction
   d) Perkin reaction
4) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) Addition-elimination reaction
   b) substitution reaction
   c) elimination reaction
   d) Addition reaction
5) Meerwein-Pondorf-Verley reduction produces
   a) n-butane
   b) Acetaldehyde
   c) Acetone
   d) Benzaldehyde
6) Which one of the following is the reagent of Wittig reaction?
   a) Anhydrous zinc chloride
   b) Phenyl lithium
   c) Phosphonium ylid
   d) Sodium bisulfite
7) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Addition reaction
   b) Elimination reaction
   c) Addition-elimination reaction
   d) Elimination-addition reaction
8) Oppenauer oxidation is similar but opposite to
   a) Clemmensen reduction
   b) Meerwein-Pondorf-Verley reduction
   c) Wittig reaction
   d) Wolff-Kishner reduction
9) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) both carboxylic acid and alcohol
   b) none from carboxylic acid or alcohol
   c) carboxylic acid
   d) alcohol
10) Which one of the following is the substrate in Cumene phenol method
   a) Nitrobenzene
   b) Xylene
   c) Isopropyl benzene
   d) Toluene

Script Number - 10/2019

(Do not write or mark anything on this page)

1) Which one of the following is the substrate in Cumene phenol method
   a) Isopropyl benzene
   b) Xylene
   c) Nitrobenzene
   d) Toluene
2) Oppenauer oxidation is similar but opposite to
   a) Wittig reaction
   b) Wolff-Kishner reduction
   c) Clemmensen reduction
   d) Meerwein-Pondorf-Verley reduction
3) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) elimination reaction
   b) substitution reaction
   c) Addition-elimination reaction
   d) Addition reaction
4) Meerwein-Pondorf-Verley reduction produces
   a) n-butane
   b) Benzaldehyde
   c) Acetaldehyde
   d) Acetone
5) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) none from carboxylic acid or alcohol
   b) carboxylic acid
   c) both carboxylic acid and alcohol
   d) alcohol
6) Which one of the following will give haloform reaction
   a) Butanal
   b) 1-butanol
   c) 2-butanol
   d) 1-propanol
7) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexene
   b) Cyclohexadiene
   c) Oxime
   d) Cyclohenylamine
8) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Knoevenagel reaction
   b) Claisen-Schmidt reaction
   c) Perkin reaction
   d) Lucas reaction
9) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Elimination-addition reaction
   b) Elimination reaction
   c) Addition reaction
   d) Addition-elimination reaction
10) Which one of the following is the reagent of Wittig reaction?
   a) Anhydrous zinc chloride
   b) Phenyl lithium
   c) Sodium bisulfite
   d) Phosphonium ylid

Script Number - 11/2019

(Do not write or mark anything on this page)

1) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Elimination reaction
   b) Addition reaction
   c) Elimination-addition reaction
   d) Addition-elimination reaction
2) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Knoevenagel reaction
   b) Perkin reaction
   c) Claisen-Schmidt reaction
   d) Lucas reaction
3) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexene
   b) Cyclohexadiene
   c) Oxime
   d) Cyclohenylamine
4) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) Addition-elimination reaction
   b) Addition reaction
   c) substitution reaction
   d) elimination reaction
5) Which one of the following is the reagent of Wittig reaction?
   a) Phenyl lithium
   b) Sodium bisulfite
   c) Phosphonium ylid
   d) Anhydrous zinc chloride
6) Which one of the following is the substrate in Cumene phenol method
   a) Nitrobenzene
   b) Isopropyl benzene
   c) Toluene
   d) Xylene
7) Oppenauer oxidation is similar but opposite to
   a) Clemmensen reduction
   b) Wolff-Kishner reduction
   c) Meerwein-Pondorf-Verley reduction
   d) Wittig reaction
8) Which one of the following will give haloform reaction
   a) 1-butanol
   b) 2-butanol
   c) Butanal
   d) 1-propanol
9) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) carboxylic acid
   b) alcohol
   c) both carboxylic acid and alcohol
   d) none from carboxylic acid or alcohol
10) Meerwein-Pondorf-Verley reduction produces
   a) Acetone
   b) Benzaldehyde
   c) n-butane
   d) Acetaldehyde

Script Number - 12/2019

(Do not write or mark anything on this page)

1) Which one of the following is the reagent of Wittig reaction?
   a) Phenyl lithium
   b) Anhydrous zinc chloride
   c) Phosphonium ylid
   d) Sodium bisulfite

2) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Elimination reaction
   b) Elimination-addition reaction
   c) Addition reaction
   d) Addition-elimination reaction

3) Which one of the following is the substrate in Cumene phenol method
   a) Isopropyl benzene
   b) Nitrobenzene
   c) Xylene
   d) Toluene

4) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexadiene
   b) Cyclohenylamine
   c) Cyclohexene
   d) Oxime

5) Oppenauer oxidation is similar but opposite to
   a) Meerwein-Pondorf-Verley reduction
   b) Clemmensen reduction
   c) Wolff-Kishner reduction
   d) Wittig reaction

6) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Perkin reaction
   b) Knoevenagel reaction
   c) Lucas reaction
   d) Claisen-Schmidt reaction

7) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) none from carboxylic acid or alcohol
   b) alcohol
   c) carboxylic acid
   d) both carboxylic acid and alcohol

8) Which one of the following will give haloform reaction
   a) 1-butanol
   b) 2-butanol
   c) 1-propanol
   d) Butanal

9) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) Addition-elimination reaction
   b) substitution reaction
   c) Addition reaction
   d) elimination reaction

10) Meerwein-Pondorf-Verley reduction produces
   a) n-butane
   b) Acetaldehyde
   c) Acetone
   d) Benzaldehyde

Script Number - 13/2019

(Do not write or mark anything on this page)

1) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Addition reaction
   b) Elimination-addition reaction
   c) Addition-elimination reaction
   d) Elimination reaction
2) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) Addition reaction
   b) Addition-elimination reaction
   c) substitution reaction
   d) elimination reaction
3) Which one of the following is the substrate in Cumene phenol method
   a) Toluene
   b) Isopropyl benzene
   c) Xylene
   d) Nitrobenzene
4) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Knoevenagel reaction
   b) Claisen-Schmidt reaction
   c) Lucas reaction
   d) Perkin reaction
5) Oppenauer oxidation is similar but opposite to
   a) Meerwein-Pondorf-Verley reduction
   b) Wittig reaction
   c) Wolff-Kishner reduction
   d) Clemmensen reduction
6) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexadiene
   b) Oxime
   c) Cyclohenylamine
   d) Cyclohexene
7) Which one of the following is the reagent of Wittig reaction?
   a) Sodium bisulfite
   b) Phenyl lithium
   c) Anhydrous zinc chloride
   d) Phosphonium ylid
8) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) none from carboxylic acid or alcohol
   b) alcohol
   c) carboxylic acid
   d) both carboxylic acid and alcohol
9) Meerwein-Pondorf-Verley reduction produces
   a) Acetaldehyde
   b) Benzaldehyde
   c) n-butane
   d) Acetone
10) Which one of the following will give haloform reaction
   a) 1-butanol
   b) 1-propanol
   c) Butanal
   d) 2-butanol

Script Number - 14/2019

(Do not write or mark anything on this page)

1) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) Addition reaction
   b) Addition-elimination reaction
   c) elimination reaction
   d) substitution reaction
2) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohenylamine
   b) Cyclohexadiene
   c) Oxime
   d) Cyclohexene
3) Which one of the following is the reagent of Wittig reaction?
   a) Phosphonium ylid
   b) Sodium bisulfite
   c) Phenyl lithium
   d) Anhydrous zinc chloride
4) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Addition reaction
   b) Elimination reaction
   c) Elimination-addition reaction
   d) Addition-elimination reaction
5) Meerwein-Pondorf-Verley reduction produces
   a) Acetone
   b) n-butane
   c) Acetaldehyde
   d) Benzaldehyde
6) Which one of the following will give haloform reaction
   a) 1-butanol
   b) 2-butanol
   c) Butanal
   d) 1-propanol
7) Which one of the following is the substrate in Cumene phenol method
   a) Isopropyl benzene
   b) Nitrobenzene
   c) Xylene
   d) Toluene
8) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) both carboxylic acid and alcohol
   b) none from carboxylic acid or alcohol
   c) carboxylic acid
   d) alcohol
9) Oppenauer oxidation is similar but opposite to
   a) Wittig reaction
   b) Clemmensen reduction
   c) Meerwein-Pondorf-Verley reduction
   d) Wolff-Kishner reduction
10) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Claisen-Schmidt reaction
   b) Perkin reaction
   c) Knoevenagel reaction
   d) Lucas reaction

Script Number - 15/2019

(Do not write or mark anything on this page)

1) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) substitution reaction
   b) Addition reaction
   c) elimination reaction
   d) Addition-elimination reaction
2) Oppenauer oxidation is similar but opposite to
   a) Meerwein-Pondorf-Verley reduction
   b) Wittig reaction
   c) Clemmensen reduction
   d) Wolff-Kishner reduction
3) Which one of the following is the substrate in Cumene phenol method
   a) Isopropyl benzene
   b) Xylene
   c) Toluene
   d) Nitrobenzene
4) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexadiene
   b) Oxime
   c) Cyclohexene
   d) Cyclohenylamine
5) Meerwein-Pondorf-Verley reduction produces
   a) Acetone
   b) Acetaldehyde
   c) Benzaldehyde
   d) n-butane
6) Which one of the following will give haloform reaction
   a) 1-butanol
   b) 1-propanol
   c) 2-butanol
   d) Butanal
7) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Perkin reaction
   b) Lucas reaction
   c) Knoevenagel reaction
   d) Claisen-Schmidt reaction
8) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Elimination-addition reaction
   b) Addition reaction
   c) Addition-elimination reaction
   d) Elimination reaction
9) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) carboxylic acid
   b) none from carboxylic acid or alcohol
   c) alcohol
   d) both carboxylic acid and alcohol
10) Which one of the following is the reagent of Wittig reaction?
   a) Phenyl lithium
   b) Anhydrous zinc chloride
   c) Sodium bisulfite
   d) Phosphonium ylid

Script Number - 16/2019

(Do not write or mark anything on this page)

1) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) Addition reaction
   b) substitution reaction
   c) elimination reaction
   d) Addition-elimination reaction
2) Which one of the following will give haloform reaction
   a) 1-butanol
   b) 1-propanol
   c) Butanal
   d) 2-butanol
3) Oppenauer oxidation is similar but opposite to
   a) Clemmensen reduction
   b) Wolff-Kishner reduction
   c) Meerwein-Pondorf-Verley reduction
   d) Wittig reaction
4) Which one of the following is the substrate in Cumene phenol method
   a) Xylene
   b) Isopropyl benzene
   c) Nitrobenzene
   d) Toluene
5) Meerwein-Pondorf-Verley reduction produces
   a) Acetaldehyde
   b) n-butane
   c) Benzaldehyde
   d) Acetone
6) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexadiene
   b) Cyclohexene
   c) Cyclohenylamine
   d) Oxime
7) Which one of the following is the reagent of Wittig reaction?
   a) Phosphonium ylid
   b) Sodium bisulfite
   c) Anhydrous zinc chloride
   d) Phenyl lithium
8) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Addition reaction
   b) Elimination reaction
   c) Addition-elimination reaction
   d) Elimination-addition reaction
9) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Perkin reaction
   b) Claisen-Schmidt reaction
   c) Knoevenagel reaction
   d) Lucas reaction
10) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) carboxylic acid
   b) both carboxylic acid and alcohol
   c) alcohol
   d) none from carboxylic acid or alcohol

Script Number - 17/2019

(Do not write or mark anything on this page)

1) Which one of the following is the substrate in Cumene phenol method
   a) Isopropyl benzene
   b) Toluene
   c) Xylene
   d) Nitrobenzene
2) Which one of the following is the reagent of Wittig reaction?
   a) Phenyl lithium
   b) Anhydrous zinc chloride
   c) Sodium bisulfite
   d) Phosphonium ylid
3) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) none from carboxylic acid or alcohol
   b) carboxylic acid
   c) alcohol
   d) both carboxylic acid and alcohol
4) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Addition reaction
   b) Elimination-addition reaction
   c) Addition-elimination reaction
   d) Elimination reaction
5) Which one of the following will give haloform reaction
   a) 1-propanol
   b) Butanal
   c) 1-butanol
   d) 2-butanol
6) Meerwein-Pondorf-Verley reduction produces
   a) Benzaldehyde
   b) n-butane
   c) Acetaldehyde
   d) Acetone
7) Oppenauer oxidation is similar but opposite to
   a) Wolff-Kishner reduction
   b) Meerwein-Pondorf-Verley reduction
   c) Clemmensen reduction
   d) Wittig reaction
8) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Oxime
   b) Cyclohexadiene
   c) Cyclohexene
   d) Cyclohenylamine
9) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Lucas reaction
   b) Perkin reaction
   c) Claisen-Schmidt reaction
   d) Knoevenagel reaction
10) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) substitution reaction
   b) Addition-elimination reaction
   c) elimination reaction
   d) Addition reaction

Script Number - 18/2019

(Do not write or mark anything on this page)

1) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) alcohol
   b) carboxylic acid
   c) none from carboxylic acid or alcohol
   d) both carboxylic acid and alcohol
2) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) elimination reaction
   b) Addition reaction
   c) substitution reaction
   d) Addition-elimination reaction
3) Which one of the following is the substrate in Cumene phenol method
   a) Toluene
   b) Xylene
   c) Nitrobenzene
   d) Isopropyl benzene
4) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Oxime
   b) Cyclohenylamine
   c) Cyclohexadiene
   d) Cyclohexene
5) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Perkin reaction
   b) Knoevenagel reaction
   c) Claisen-Schmidt reaction
   d) Lucas reaction
6) Oppenauer oxidation is similar but opposite to
   a) Clemmensen reduction
   b) Wolff-Kishner reduction
   c) Meerwein-Pondorf-Verley reduction
   d) Wittig reaction
7) Which one of the following is the reagent of Wittig reaction?
   a) Phosphonium ylid
   b) Phenyl lithium
   c) Sodium bisulfite
   d) Anhydrous zinc chloride
8) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Addition-elimination reaction
   b) Addition reaction
   c) Elimination-addition reaction
   d) Elimination reaction
9) Meerwein-Pondorf-Verley reduction produces
   a) n-butane
   b) Acetaldehyde
   c) Acetone
   d) Benzaldehyde
10) Which one of the following will give haloform reaction
   a) 1-propanol
   b) 1-butanol
   c) Butanal
   d) 2-butanol

Script Number - 19/2019

(Do not write or mark anything on this page)

1) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Oxime
   b) Cyclohexadiene
   c) Cyclohenylamine
   d) Cyclohexene
2) Meerwein-Pondorf-Verley reduction produces
   a) Acetone
   b) Acetaldehyde
   c) Benzaldehyde
   d) n-butane
3) Oppenauer oxidation is similar but opposite to
   a) Wolff-Kishner reduction
   b) Meerwein-Pondorf-Verley reduction
   c) Clemmensen reduction
   d) Wittig reaction
4) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) carboxylic acid
   b) none from carboxylic acid or alcohol
   c) both carboxylic acid and alcohol
   d) alcohol
5) Which one of the following will give haloform reaction
   a) 1-propanol
   b) 1-butanol
   c) Butanal
   d) 2-butanol
6) Which one of the following is the substrate in Cumene phenol method
   a) Toluene
   b) Nitrobenzene
   c) Xylene
   d) Isopropyl benzene
7) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Perkin reaction
   b) Claisen-Schmidt reaction
   c) Knoevenagel reaction
   d) Lucas reaction
8) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Addition-elimination reaction
   b) Addition reaction
   c) Elimination-addition reaction
   d) Elimination reaction
9) Which one of the following is the reagent of Wittig reaction?
   a) Phosphonium ylid
   b) Sodium bisulfite
   c) Anhydrous zinc chloride
   d) Phenyl lithium
10) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) elimination reaction
   b) substitution reaction
   c) Addition-elimination reaction
   d) Addition reaction

Script Number - 20/2019

(Do not write or mark anything on this page)

1) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexadiene
   b) Cyclohenylamine
   c) Cyclohexene
   d) Oxime
2) Oppenauer oxidation is similar but opposite to
   a) Meerwein-Pondorf-Verley reduction
   b) Wittig reaction
   c) Clemmensen reduction
   d) Wolff-Kishner reduction
3) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) carboxylic acid
   b) none from carboxylic acid or alcohol
   c) alcohol
   d) both carboxylic acid and alcohol
4) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) Addition-elimination reaction
   b) Addition reaction
   c) elimination reaction
   d) substitution reaction
5) Which one of the following is the reagent of Wittig reaction?
   a) Phenyl lithium
   b) Phosphonium ylid
   c) Sodium bisulfite
   d) Anhydrous zinc chloride
6) Meerwein-Pondorf-Verley reduction produces
   a) Acetaldehyde
   b) n-butane
   c) Acetone
   d) Benzaldehyde
7) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Perkin reaction
   b) Knoevenagel reaction
   c) Claisen-Schmidt reaction
   d) Lucas reaction
8) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Elimination reaction
   b) Addition reaction
   c) Elimination-addition reaction
   d) Addition-elimination reaction
9) Which one of the following is the substrate in Cumene phenol method
   a) Nitrobenzene
   b) Xylene
   c) Isopropyl benzene
   d) Toluene
10) Which one of the following will give haloform reaction
   a) 2-butanol
   b) Butanal
   c) 1-propanol
   d) 1-butanol

Script Number - 21/2019

(Do not write or mark anything on this page)

1) Meerwein-Pondorf-Verley reduction produces
   a) Acetone
   b) Benzaldehyde
   c) Acetaldehyde
   d) n-butane
2) Oppenauer oxidation is similar but opposite to
   a) Wolff-Kishner reduction
   b) Meerwein-Pondorf-Verley reduction
   c) Clemmensen reduction
   d) Wittig reaction
3) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) alcohol
   b) none from carboxylic acid or alcohol
   c) carboxylic acid
   d) both carboxylic acid and alcohol
4) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexadiene
   b) Cyclohenylamine
   c) Cyclohexene
   d) Oxime
5) Which one of the following is the reagent of Wittig reaction?
   a) Anhydrous zinc chloride
   b) Phenyl lithium
   c) Sodium bisulfite
   d) Phosphonium ylid
6) Which one of the following will give haloform reaction
   a) 1-butanol
   b) 2-butanol
   c) Butanal
   d) 1-propanol
7) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Knoevenagel reaction
   b) Lucas reaction
   c) Perkin reaction
   d) Claisen-Schmidt reaction
8) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Elimination reaction
   b) Addition-elimination reaction
   c) Elimination-addition reaction
   d) Addition reaction
9) Which one of the following is the substrate in Cumene phenol method
   a) Toluene
   b) Isopropyl benzene
   c) Xylene
   d) Nitrobenzene
10) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) Addition reaction
   b) elimination reaction
   c) substitution reaction
   d) Addition-elimination reaction

Script Number - 22/2019

(Do not write or mark anything on this page)

1) Which one of the following will give haloform reaction
   a) Butanal
   b) 1-butanol
   c) 2-butanol
   d) 1-propanol
2) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) Addition reaction
   b) Addition-elimination reaction
   c) elimination reaction
   d) substitution reaction
3) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Lucas reaction
   b) Knoevenagel reaction
   c) Claisen-Schmidt reaction
   d) Perkin reaction
4) Which one of the following is the reagent of Wittig reaction?
   a) Phenyl lithium
   b) Sodium bisulfite
   c) Phosphonium ylid
   d) Anhydrous zinc chloride
5) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexene
   b) Cyclohenylamine
   c) Cyclohexadiene
   d) Oxime
6) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) carboxylic acid
   b) both carboxylic acid and alcohol
   c) none from carboxylic acid or alcohol
   d) alcohol
7) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Elimination-addition reaction
   b) Addition reaction
   c) Elimination reaction
   d) Addition-elimination reaction
8) Which one of the following is the substrate in Cumene phenol method
   a) Xylene
   b) Isopropyl benzene
   c) Toluene
   d) Nitrobenzene
9) Meerwein-Pondorf-Verley reduction produces
   a) n-butane
   b) Benzaldehyde
   c) Acetaldehyde
   d) Acetone
10) Oppenauer oxidation is similar but opposite to
   a) Meerwein-Pondorf-Verley reduction
   b) Wittig reaction
   c) Clemmensen reduction
   d) Wolff-Kishner reduction

Script Number - 23/2019

(Do not write or mark anything on this page)

1) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) Addition-elimination reaction
   b) Addition reaction
   c) elimination reaction
   d) substitution reaction
2) Which one of the following is the substrate in Cumene phenol method
   a) Isopropyl benzene
   b) Nitrobenzene
   c) Xylene
   d) Toluene
3) Meerwein-Pondorf-Verley reduction produces
   a) Acetone
   b) Benzaldehyde
   c) Acetaldehyde
   d) n-butane
4) Which one of the following is the reagent of Wittig reaction?
   a) Sodium bisulfite
   b) Anhydrous zinc chloride
   c) Phosphonium ylid
   d) Phenyl lithium
5) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Elimination-addition reaction
   b) Elimination reaction
   c) Addition-elimination reaction
   d) Addition reaction
6) Oppenauer oxidation is similar but opposite to
   a) Wittig reaction
   b) Clemmensen reduction
   c) Wolff-Kishner reduction
   d) Meerwein-Pondorf-Verley reduction
7) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) carboxylic acid
   b) alcohol
   c) none from carboxylic acid or alcohol
   d) both carboxylic acid and alcohol
8) Which one of the following will give haloform reaction
   a) 2-butanol
   b) 1-butanol
   c) Butanal
   d) 1-propanol
9) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexadiene
   b) Oxime
   c) Cyclohenylamine
   d) Cyclohexene
10) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Perkin reaction
   b) Claisen-Schmidt reaction
   c) Lucas reaction
   d) Knoevenagel reaction

Script Number - 24/2019

(Do not write or mark anything on this page)

1) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Addition-elimination reaction
   b) Elimination reaction
   c) Elimination-addition reaction
   d) Addition reaction
2) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Knoevenagel reaction
   b) Claisen-Schmidt reaction
   c) Lucas reaction
   d) Perkin reaction
3) Which one of the following will give haloform reaction
   a) 1-propanol
   b) 2-butanol
   c) Butanal
   d) 1-butanol
4) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexene
   b) Cyclohenylamine
   c) Oxime
   d) Cyclohexadiene
5) Which one of the following is the reagent of Wittig reaction?
   a) Phenyl lithium
   b) Anhydrous zinc chloride
   c) Sodium bisulfite
   d) Phosphonium ylid
6) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) carboxylic acid
   b) both carboxylic acid and alcohol
   c) none from carboxylic acid or alcohol
   d) alcohol
7) Meerwein-Pondorf-Verley reduction produces
   a) n-butane
   b) Acetone
   c) Acetaldehyde
   d) Benzaldehyde
8) Which one of the following is the substrate in Cumene phenol method
   a) Xylene
   b) Toluene
   c) Isopropyl benzene
   d) Nitrobenzene
9) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) Addition-elimination reaction
   b) substitution reaction
   c) elimination reaction
   d) Addition reaction
10) Oppenauer oxidation is similar but opposite to
   a) Meerwein-Pondorf-Verley reduction
   b) Wolff-Kishner reduction
   c) Clemmensen reduction
   d) Wittig reaction

Script Number - 25/2019

(Do not write or mark anything on this page)

1) Which one of the following is the substrate in Cumene phenol method
   a) Nitrobenzene
   b) Isopropyl benzene
   c) Toluene
   d) Xylene
2) Which one of the following will give haloform reaction
   a) Butanal
   b) 1-propanol
   c) 2-butanol
   d) 1-butanol
3) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) Addition reaction
   b) substitution reaction
   c) Addition-elimination reaction
   d) elimination reaction
4) Which one of the following is the reagent of Wittig reaction?
   a) Phosphonium ylid
   b) Anhydrous zinc chloride
   c) Sodium bisulfite
   d) Phenyl lithium
5) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexene
   b) Cyclohenylamine
   c) Oxime
   d) Cyclohexadiene
6) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Elimination-addition reaction
   b) Addition-elimination reaction
   c) Addition reaction
   d) Elimination reaction
7) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) carboxylic acid
   b) none from carboxylic acid or alcohol
   c) alcohol
   d) both carboxylic acid and alcohol
8) Oppenauer oxidation is similar but opposite to
   a) Meerwein-Pondorf-Verley reduction
   b) Clemmensen reduction
   c) Wittig reaction
   d) Wolff-Kishner reduction
9) Meerwein-Pondorf-Verley reduction produces
   a) n-butane
   b) Acetone
   c) Benzaldehyde
   d) Acetaldehyde
10) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Lucas reaction
   b) Claisen-Schmidt reaction
   c) Perkin reaction
   d) Knoevenagel reaction

Script Number - 26/2019

(Do not write or mark anything on this page)

1) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexadiene
   b) Oxime
   c) Cyclohenylamine
   d) Cyclohexene
2) Which one of the following is the reagent of Wittig reaction?
   a) Sodium bisulfite
   b) Phenyl lithium
   c) Phosphonium ylid
   d) Anhydrous zinc chloride
3) Meerwein-Pondorf-Verley reduction produces
   a) n-butane
   b) Acetaldehyde
   c) Acetone
   d) Benzaldehyde
4) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) Addition reaction
   b) substitution reaction
   c) elimination reaction
   d) Addition-elimination reaction
5) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Claisen-Schmidt reaction
   b) Knoevenagel reaction
   c) Lucas reaction
   d) Perkin reaction
6) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Addition-elimination reaction
   b) Addition reaction
   c) Elimination-addition reaction
   d) Elimination reaction
7) Oppenauer oxidation is similar but opposite to
   a) Meerwein-Pondorf-Verley reduction
   b) Wolff-Kishner reduction
   c) Clemmensen reduction
   d) Wittig reaction
8) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) alcohol
   b) none from carboxylic acid or alcohol
   c) both carboxylic acid and alcohol
   d) carboxylic acid
9) Which one of the following will give haloform reaction
   a) 1-butanol
   b) 1-propanol
   c) Butanal
   d) 2-butanol
10) Which one of the following is the substrate in Cumene phenol method
   a) Toluene
   b) Isopropyl benzene
   c) Nitrobenzene
   d) Xylene

Script Number - 27/2019

(Do not write or mark anything on this page)

1) Which one of the following will give haloform reaction
   a) 1-propanol
   b) 2-butanol
   c) 1-butanol
   d) Butanal
2) Which one of the following is the substrate in Cumene phenol method
   a) Toluene
   b) Xylene
   c) Isopropyl benzene
   d) Nitrobenzene
3) Which one of the following is the reagent of Wittig reaction?
   a) Sodium bisulfite
   b) Anhydrous zinc chloride
   c) Phosphonium ylid
   d) Phenyl lithium
4) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Perkin reaction
   b) Knoevenagel reaction
   c) Lucas reaction
   d) Claisen-Schmidt reaction
5) Oppenauer oxidation is similar but opposite to
   a) Wittig reaction
   b) Wolff-Kishner reduction
   c) Clemmensen reduction
   d) Meerwein-Pondorf-Verley reduction
6) Meerwein-Pondorf-Verley reduction produces
   a) Benzaldehyde
   b) Acetone
   c) n-butane
   d) Acetaldehyde
7) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) carboxylic acid
   b) alcohol
   c) both carboxylic acid and alcohol
   d) none from carboxylic acid or alcohol
8) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Elimination reaction
   b) Elimination-addition reaction
   c) Addition reaction
   d) Addition-elimination reaction
9) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Oxime
   b) Cyclohexadiene
   c) Cyclohexene
   d) Cyclohenylamine
10) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) substitution reaction
   b) elimination reaction
   c) Addition reaction
   d) Addition-elimination reaction

Script Number - 28/2019

(Do not write or mark anything on this page)

1) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohenylamine
   b) Oxime
   c) Cyclohexadiene
   d) Cyclohexene
2) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Elimination-addition reaction
   b) Addition reaction
   c) Addition-elimination reaction
   d) Elimination reaction
3) Which one of the following is the substrate in Cumene phenol method
   a) Xylene
   b) Toluene
   c) Nitrobenzene
   d) Isopropyl benzene
4) Oppenauer oxidation is similar but opposite to
   a) Meerwein-Pondorf-Verley reduction
   b) Wolff-Kishner reduction
   c) Wittig reaction
   d) Clemmensen reduction
5) Which one of the following is the reagent of Wittig reaction?
   a) Phosphonium ylid
   b) Anhydrous zinc chloride
   c) Phenyl lithium
   d) Sodium bisulfite
6) Meerwein-Pondorf-Verley reduction produces
   a) n-butane
   b) Benzaldehyde
   c) Acetaldehyde
   d) Acetone
7) Which one of the following will give haloform reaction
   a) Butanal
   b) 1-butanol
   c) 1-propanol
   d) 2-butanol
8) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) alcohol
   b) none from carboxylic acid or alcohol
   c) carboxylic acid
   d) both carboxylic acid and alcohol
9) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Knoevenagel reaction
   b) Claisen-Schmidt reaction
   c) Lucas reaction
   d) Perkin reaction
10) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) elimination reaction
   b) Addition reaction
   c) substitution reaction
   d) Addition-elimination reaction

Script Number - 29/2019

(Do not write or mark anything on this page)

1) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Addition reaction
   b) Elimination-addition reaction
   c) Elimination reaction
   d) Addition-elimination reaction
2) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) Addition reaction
   b) Addition-elimination reaction
   c) substitution reaction
   d) elimination reaction
3) Which one of the following is the reagent of Wittig reaction?
   a) Anhydrous zinc chloride
   b) Phenyl lithium
   c) Phosphonium ylid
   d) Sodium bisulfite
4) Oppenauer oxidation is similar but opposite to
   a) Meerwein-Pondorf-Verley reduction
   b) Clemmensen reduction
   c) Wittig reaction
   d) Wolff-Kishner reduction
5) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexene
   b) Cyclohenylamine
   c) Cyclohexadiene
   d) Oxime
6) Meerwein-Pondorf-Verley reduction produces
   a) Benzaldehyde
   b) Acetone
   c) Acetaldehyde
   d) n-butane
7) Which one of the following is the substrate in Cumene phenol method
   a) Toluene
   b) Isopropyl benzene
   c) Xylene
   d) Nitrobenzene
8) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) alcohol
   b) both carboxylic acid and alcohol
   c) none from carboxylic acid or alcohol
   d) carboxylic acid
9) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Lucas reaction
   b) Perkin reaction
   c) Knoevenagel reaction
   d) Claisen-Schmidt reaction
10) Which one of the following will give haloform reaction
   a) 1-propanol
   b) Butanal
   c) 2-butanol
   d) 1-butanol

Script Number - 30/2019

(Do not write or mark anything on this page)

1) Which one of the following will give haloform reaction
   a) 2-butanol
   b) Butanal
   c) 1-propanol
   d) 1-butanol

2) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Addition-elimination reaction
   b) Elimination reaction
   c) Addition reaction
   d) Elimination-addition reaction

3) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) substitution reaction
   b) Addition-elimination reaction
   c) Addition reaction
   d) elimination reaction

4) Which one of the following is the reagent of Wittig reaction?
   a) Phosphonium ylid
   b) Sodium bisulfite
   c) Phenyl lithium
   d) Anhydrous zinc chloride

5) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) both carboxylic acid and alcohol
   b) none from carboxylic acid or alcohol
   c) carboxylic acid
   d) alcohol

6) Meerwein-Pondorf-Verley reduction produces
   a) Benzaldehyde
   b) Acetone
   c) Acetaldehyde
   d) n-butane

7) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexene
   b) Oxime
   c) Cyclohenylamine
   d) Cyclohexadiene

8) Which one of the following is the substrate in Cumene phenol method
   a) Nitrobenzene
   b) Isopropyl benzene
   c) Toluene
   d) Xylene

9) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Claisen-Schmidt reaction
   b) Lucas reaction
   c) Knoevenagel reaction
   d) Perkin reaction

10) Oppenauer oxidation is similar but opposite to
   a) Wittig reaction
   b) Meerwein-Pondorf-Verley reduction
   c) Clemmensen reduction
   d) Wolff-Kishner reduction

Script Number - 31/2019

(Do not write or mark anything on this page)

1) Which one of the following is the substrate in Cumene phenol method
   a) Toluene
   b) Isopropyl benzene
   c) Xylene
   d) Nitrobenzene

2) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Addition reaction
   b) Elimination reaction
   c) Elimination-addition reaction
   d) Addition-elimination reaction

3) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) elimination reaction
   b) substitution reaction
   c) Addition reaction
   d) Addition-elimination reaction

4) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Claisen-Schmidt reaction
   b) Lucas reaction
   c) Perkin reaction
   d) Knoevenagel reaction

5) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexadiene
   b) Cyclohenylamine
   c) Cyclohexene
   d) Oxime

6) Which one of the following will give haloform reaction
   a) 1-propanol
   b) 1-butanol
   c) 2-butanol
   d) Butanal

7) Meerwein-Pondorf-Verley reduction produces
   a) Acetaldehyde
   b) Acetone
   c) n-butane
   d) Benzaldehyde

8) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) alcohol
   b) carboxylic acid
   c) both carboxylic acid and alcohol
   d) none from carboxylic acid or alcohol

9) Which one of the following is the reagent of Wittig reaction?
   a) Phenyl lithium
   b) Phosphonium ylid
   c) Sodium bisulfite
   d) Anhydrous zinc chloride

10) Oppenauer oxidation is similar but opposite to
   a) Clemmensen reduction
   b) Wittig reaction
   c) Meerwein-Pondorf-Verley reduction
   d) Wolff-Kishner reduction

Script Number - 32/2019

(Do not write or mark anything on this page)

1) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) alcohol
   b) none from carboxylic acid or alcohol
   c) carboxylic acid
   d) both carboxylic acid and alcohol
2) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) Addition-elimination reaction
   b) elimination reaction
   c) substitution reaction
   d) Addition reaction
3) Meerwein-Pondorf-Verley reduction produces
   a) n-butane
   b) Benzaldehyde
   c) Acetaldehyde
   d) Acetone
4) Which one of the following is the substrate in Cumene phenol method
   a) Toluene
   b) Xylene
   c) Isopropyl benzene
   d) Nitrobenzene
5) Which one of the following is the reagent of Wittig reaction?
   a) Phenyl lithium
   b) Sodium bisulfite
   c) Anhydrous zinc chloride
   d) Phosphonium ylid
6) Oppenauer oxidation is similar but opposite to
   a) Wittig reaction
   b) Meerwein-Pondorf-Verley reduction
   c) Wolff-Kishner reduction
   d) Clemmensen reduction
7) Which one of the following will give haloform reaction
   a) 1-butanol
   b) Butanal
   c) 2-butanol
   d) 1-propanol
8) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Elimination reaction
   b) Elimination-addition reaction
   c) Addition-elimination reaction
   d) Addition reaction
9) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexene
   b) Cyclohenylamine
   c) Cyclohexadiene
   d) Oxime
10) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Perkin reaction
   b) Claisen-Schmidt reaction
   c) Lucas reaction
   d) Knoevenagel reaction

Script Number - 33/2019

(Do not write or mark anything on this page)

1) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexene
   b) Oxime
   c) Cyclohexadiene
   d) Cyclohenylamine
2) Meerwein-Pondorf-Verley reduction produces
   a) n-butane
   b) Acetaldehyde
   c) Benzaldehyde
   d) Acetone
3) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) carboxylic acid
   b) both carboxylic acid and alcohol
   c) none from carboxylic acid or alcohol
   d) alcohol
4) Which one of the following is the reagent of Wittig reaction?
   a) Phenyl lithium
   b) Sodium bisulfite
   c) Anhydrous zinc chloride
   d) Phosphonium ylid
5) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Knoevenagel reaction
   b) Lucas reaction
   c) Perkin reaction
   d) Claisen-Schmidt reaction
6) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Elimination-addition reaction
   b) Elimination reaction
   c) Addition-elimination reaction
   d) Addition reaction
7) Which one of the following will give haloform reaction
   a) 2-butanol
   b) 1-propanol
   c) 1-butanol
   d) Butanal
8) Which one of the following is the substrate in Cumene phenol method
   a) Toluene
   b) Nitrobenzene
   c) Isopropyl benzene
   d) Xylene
9) Oppenauer oxidation is similar but opposite to
   a) Clemmensen reduction
   b) Meerwein-Pondorf-Verley reduction
   c) Wolff-Kishner reduction
   d) Wittig reaction
10) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) elimination reaction
   b) Addition-elimination reaction
   c) Addition reaction
   d) substitution reaction

Script Number - 34/2019

(Do not write or mark anything on this page)

1) Which one of the following is the reagent of Wittig reaction?
   a) Anhydrous zinc chloride
   b) Sodium bisulfite
   c) Phenyl lithium
   d) Phosphonium ylid
2) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) alcohol
   b) both carboxylic acid and alcohol
   c) carboxylic acid
   d) none from carboxylic acid or alcohol
3) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexadiene
   b) Oxime
   c) Cyclohexene
   d) Cyclohenylamine
4) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) elimination reaction
   b) substitution reaction
   c) Addition reaction
   d) Addition-elimination reaction
5) Which one of the following will give haloform reaction
   a) 2-butanol
   b) 1-butanol
   c) Butanal
   d) 1-propanol
6) Oppenauer oxidation is similar but opposite to
   a) Clemmensen reduction
   b) Wittig reaction
   c) Meerwein-Pondorf-Verley reduction
   d) Wolff-Kishner reduction
7) Meerwein-Pondorf-Verley reduction produces
   a) Benzaldehyde
   b) Acetaldehyde
   c) n-butane
   d) Acetone
8) Which one of the following is the substrate in Cumene phenol method
   a) Xylene
   b) Nitrobenzene
   c) Toluene
   d) Isopropyl benzene
9) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Knoevenagel reaction
   b) Perkin reaction
   c) Lucas reaction
   d) Claisen-Schmidt reaction
10) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Elimination reaction
   b) Addition reaction
   c) Elimination-addition reaction
   d) Addition-elimination reaction

Script Number - 35/2019

(Do not write or mark anything on this page)

1) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) both carboxylic acid and alcohol
   b) alcohol
   c) carboxylic acid
   d) none from carboxylic acid or alcohol
2) Oppenauer oxidation is similar but opposite to
   a) Clemmensen reduction
   b) Meerwein-Pondorf-Verley reduction
   c) Wolff-Kishner reduction
   d) Wittig reaction
3) Which one of the following will give haloform reaction
   a) 2-butanol
   b) Butanal
   c) 1-butanol
   d) 1-propanol
4) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Addition reaction
   b) Addition-elimination reaction
   c) Elimination reaction
   d) Elimination-addition reaction
5) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Knoevenagel reaction
   b) Perkin reaction
   c) Claisen-Schmidt reaction
   d) Lucas reaction
6) Which one of the following is the substrate in Cumene phenol method
   a) Nitrobenzene
   b) Xylene
   c) Toluene
   d) Isopropyl benzene
7) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexadiene
   b) Oxime
   c) Cyclohexene
   d) Cyclohenylamine
8) Meerwein-Pondorf-Verley reduction produces
   a) Benzaldehyde
   b) Acetaldehyde
   c) n-butane
   d) Acetone
9) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) Addition-elimination reaction
   b) Addition reaction
   c) elimination reaction
   d) substitution reaction
10) Which one of the following is the reagent of Wittig reaction?
   a) Sodium bisulfite
   b) Anhydrous zinc chloride
   c) Phenyl lithium
   d) Phosphonium ylid

Script Number - 36/2019

(Do not write or mark anything on this page)

1) Which one of the following is the substrate in Cumene phenol method
   a) Nitrobenzene
   b) Isopropyl benzene
   c) Toluene
   d) Xylene
2) Which one of the following is the reagent of Wittig reaction?
   a) Sodium bisulfite
   b) Anhydrous zinc chloride
   c) Phenyl lithium
   d) Phosphonium ylid
3) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Elimination-addition reaction
   b) Elimination reaction
   c) Addition-elimination reaction
   d) Addition reaction
4) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) both carboxylic acid and alcohol
   b) carboxylic acid
   c) none from carboxylic acid or alcohol
   d) alcohol
5) Oppenauer oxidation is similar but opposite to
   a) Wolff-Kishner reduction
   b) Wittig reaction
   c) Meerwein-Pondorf-Verley reduction
   d) Clemmensen reduction
6) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Lucas reaction
   b) Knoevenagel reaction
   c) Perkin reaction
   d) Claisen-Schmidt reaction
7) Meerwein-Pondorf-Verley reduction produces
   a) Acetaldehyde
   b) n-butane
   c) Acetone
   d) Benzaldehyde
8) Which one of the following will give haloform reaction
   a) Butanal
   b) 1-propanol
   c) 1-butanol
   d) 2-butanol
9) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) substitution reaction
   b) Addition-elimination reaction
   c) Addition reaction
   d) elimination reaction
10) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Oxime
   b) Cyclohexene
   c) Cyclohexadiene
   d) Cyclohenylamine

Script Number - 37/2019

(Do not write or mark anything on this page)

1) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Lucas reaction
   b) Claisen-Schmidt reaction
   c) Knoevenagel reaction
   d) Perkin reaction
2) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) Addition reaction
   b) Addition-elimination reaction
   c) elimination reaction
   d) substitution reaction
3) Which one of the following will give haloform reaction
   a) 1-butanol
   b) 1-propanol
   c) 2-butanol
   d) Butanal
4) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Addition-elimination reaction
   b) Elimination-addition reaction
   c) Elimination reaction
   d) Addition reaction
5) Which one of the following is the reagent of Wittig reaction?
   a) Phosphonium ylid
   b) Sodium bisulfite
   c) Anhydrous zinc chloride
   d) Phenyl lithium
6) Meerwein-Pondorf-Verley reduction produces
   a) n-butane
   b) Acetone
   c) Benzaldehyde
   d) Acetaldehyde
7) Which one of the following is the substrate in Cumene phenol method
   a) Xylene
   b) Nitrobenzene
   c) Toluene
   d) Isopropyl benzene
8) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) carboxylic acid
   b) none from carboxylic acid or alcohol
   c) both carboxylic acid and alcohol
   d) alcohol
9) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexene
   b) Oxime
   c) Cyclohenylamine
   d) Cyclohexadiene
10) Oppenauer oxidation is similar but opposite to
   a) Wolff-Kishner reduction
   b) Clemmensen reduction
   c) Wittig reaction
   d) Meerwein-Pondorf-Verley reduction

Script Number - 38/2019

(Do not write or mark anything on this page)

1) Which one of the following is the reagent of Wittig reaction?
   a) Sodium bisulfite
   b) Phosphonium ylid
   c) Anhydrous zinc chloride
   d) Phenyl lithium
2) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohenylamine
   b) Oxime
   c) Cyclohexadiene
   d) Cyclohexene
3) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) elimination reaction
   b) substitution reaction
   c) Addition-elimination reaction
   d) Addition reaction
4) Meerwein-Pondorf-Verley reduction produces
   a) Benzaldehyde
   b) Acetaldehyde
   c) Acetone
   d) n-butane
5) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Addition-elimination reaction
   b) Elimination reaction
   c) Addition reaction
   d) Elimination-addition reaction
6) Which one of the following will give haloform reaction
   a) 2-butanol
   b) 1-butanol
   c) 1-propanol
   d) Butanal
7) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Perkin reaction
   b) Knoevenagel reaction
   c) Claisen-Schmidt reaction
   d) Lucas reaction
8) Which one of the following is the substrate in Cumene phenol method
   a) Toluene
   b) Nitrobenzene
   c) Xylene
   d) Isopropyl benzene
9) Oppenauer oxidation is similar but opposite to
   a) Clemmensen reduction
   b) Wolff-Kishner reduction
   c) Meerwein-Pondorf-Verley reduction
   d) Wittig reaction
10) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) none from carboxylic acid or alcohol
   b) carboxylic acid
   c) both carboxylic acid and alcohol
   d) alcohol

Script Number - 39/2019

(Do not write or mark anything on this page)

1) Which one of the following is the substrate in Cumene phenol method
   a) Toluene
   b) Xylene
   c) Nitrobenzene
   d) Isopropyl benzene
2) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) alcohol
   b) none from carboxylic acid or alcohol
   c) carboxylic acid
   d) both carboxylic acid and alcohol
3) Which one of the following will give haloform reaction
   a) 2-butanol
   b) Butanal
   c) 1-butanol
   d) 1-propanol
4) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) substitution reaction
   b) Addition-elimination reaction
   c) elimination reaction
   d) Addition reaction
5) Which one of the following is the reagent of Wittig reaction?
   a) Phenyl lithium
   b) Phosphonium ylid
   c) Anhydrous zinc chloride
   d) Sodium bisulfite
6) Oppenauer oxidation is similar but opposite to
   a) Wolff-Kishner reduction
   b) Meerwein-Pondorf-Verley reduction
   c) Clemmensen reduction
   d) Wittig reaction
7) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohenylamine
   b) Oxime
   c) Cyclohexadiene
   d) Cyclohexene
8) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Knoevenagel reaction
   b) Lucas reaction
   c) Perkin reaction
   d) Claisen-Schmidt reaction
9) Meerwein-Pondorf-Verley reduction produces
   a) Benzaldehyde
   b) Acetone
   c) Acetaldehyde
   d) n-butane
10) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Elimination reaction
   b) Elimination-addition reaction
   c) Addition-elimination reaction
   d) Addition reaction

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(Do not write or mark anything on this page)

1) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) alcohol
   b) none from carboxylic acid or alcohol
   c) both carboxylic acid and alcohol
   d) carboxylic acid
2) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Claisen-Schmidt reaction
   b) Perkin reaction
   c) Lucas reaction
   d) Knoevenagel reaction
3) Which one of the following is the substrate in Cumene phenol method
   a) Xylene
   b) Toluene
   c) Isopropyl benzene
   d) Nitrobenzene
4) Meerwein-Pondorf-Verley reduction produces
   a) Benzaldehyde
   b) n-butane
   c) Acetaldehyde
   d) Acetone
5) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexadiene
   b) Cyclohenylamine
   c) Cyclohexene
   d) Oxime
6) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Addition reaction
   b) Elimination-addition reaction
   c) Elimination reaction
   d) Addition-elimination reaction
7) Which one of the following is the reagent of Wittig reaction?
   a) Sodium bisulfite
   b) Phosphonium ylid
   c) Anhydrous zinc chloride
   d) Phenyl lithium
8) Which one of the following will give haloform reaction
   a) 1-propanol
   b) 2-butanol
   c) Butanal
   d) 1-butanol
9) Oppenauer oxidation is similar but opposite to
   a) Wolff-Kishner reduction
   b) Meerwein-Pondorf-Verley reduction
   c) Clemmensen reduction
   d) Wittig reaction
10) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) elimination reaction
   b) Addition-elimination reaction
   c) Addition reaction
   d) substitution reaction

Script Number - 41/2019

(Do not write or mark anything on this page)

1) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexene
   b) Cyclohenylamine
   c) Oxime
   d) Cyclohexadiene
2) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Addition-elimination reaction
   b) Elimination-addition reaction
   c) Elimination reaction
   d) Addition reaction
3) Which one of the following will give haloform reaction
   a) 1-butanol
   b) 2-butanol
   c) Butanal
   d) 1-propanol
4) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Claisen-Schmidt reaction
   b) Perkin reaction
   c) Knoevenagel reaction
   d) Lucas reaction
5) Meerwein-Pondorf-Verley reduction produces
   a) Benzaldehyde
   b) n-butane
   c) Acetaldehyde
   d) Acetone
6) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) carboxylic acid
   b) alcohol
   c) none from carboxylic acid or alcohol
   d) both carboxylic acid and alcohol
7) Which one of the following is the substrate in Cumene phenol method
   a) Nitrobenzene
   b) Isopropyl benzene
   c) Xylene
   d) Toluene
8) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) Addition reaction
   b) Addition-elimination reaction
   c) elimination reaction
   d) substitution reaction
9) Which one of the following is the reagent of Wittig reaction?
   a) Sodium bisulfite
   b) Phosphonium ylid
   c) Anhydrous zinc chloride
   d) Phenyl lithium
10) Oppenauer oxidation is similar but opposite to
   a) Meerwein-Pondorf-Verley reduction
   b) Wittig reaction
   c) Clemmensen reduction
   d) Wolff-Kishner reduction

Script Number - 42/2019

(Do not write or mark anything on this page)

1) Which one of the following will give haloform reaction
   a) Butanal
   b) 1-propanol
   c) 2-butanol
   d) 1-butanol
2) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) substitution reaction
   b) elimination reaction
   c) Addition reaction
   d) Addition-elimination reaction
3) Which one of the following is the reagent of Wittig reaction?
   a) Anhydrous zinc chloride
   b) Phenyl lithium
   c) Sodium bisulfite
   d) Phosphonium ylid
4) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Claisen-Schmidt reaction
   b) Knoevenagel reaction
   c) Perkin reaction
   d) Lucas reaction
5) Which one of the following is the substrate in Cumene phenol method
   a) Isopropyl benzene
   b) Toluene
   c) Xylene
   d) Nitrobenzene
6) Meerwein-Pondorf-Verley reduction produces
   a) Benzaldehyde
   b) Acetone
   c) n-butane
   d) Acetaldehyde
7) Oppenauer oxidation is similar but opposite to
   a) Wolff-Kishner reduction
   b) Wittig reaction
   c) Meerwein-Pondorf-Verley reduction
   d) Clemmensen reduction
8) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexadiene
   b) Cyclohexene
   c) Cyclohenylamine
   d) Oxime
9) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) carboxylic acid
   b) none from carboxylic acid or alcohol
   c) both carboxylic acid and alcohol
   d) alcohol
10) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Addition-elimination reaction
   b) Elimination reaction
   c) Addition reaction
   d) Elimination-addition reaction

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(Do not write or mark anything on this page)

1) Which one of the following is the reagent of Wittig reaction?
   a) Anhydrous zinc chloride
   b) Phenyl lithium
   c) Phosphonium ylid
   d) Sodium bisulfite
2) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) elimination reaction
   b) Addition reaction
   c) Addition-elimination reaction
   d) substitution reaction
3) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) both carboxylic acid and alcohol
   b) alcohol
   c) carboxylic acid
   d) none from carboxylic acid or alcohol
4) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Lucas reaction
   b) Perkin reaction
   c) Claisen-Schmidt reaction
   d) Knoevenagel reaction
5) Which one of the following will give haloform reaction
   a) 2-butanol
   b) Butanal
   c) 1-propanol
   d) 1-butanol
6) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexadiene
   b) Oxime
   c) Cyclohexene
   d) Cyclohenylamine
7) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Addition-elimination reaction
   b) Addition reaction
   c) Elimination reaction
   d) Elimination-addition reaction
8) Meerwein-Pondorf-Verley reduction produces
   a) Acetone
   b) Benzaldehyde
   c) Acetaldehyde
   d) n-butane
9) Which one of the following is the substrate in Cumene phenol method
   a) Toluene
   b) Xylene
   c) Nitrobenzene
   d) Isopropyl benzene
10) Oppenauer oxidation is similar but opposite to
   a) Wolff-Kishner reduction
   b) Wittig reaction
   c) Meerwein-Pondorf-Verley reduction
   d) Clemmensen reduction

Script Number - 44/2019

(Do not write or mark anything on this page)

1) Which one of the following is the substrate in Cumene phenol method
   a) Xylene
   b) Nitrobenzene
   c) Isopropyl benzene
   d) Toluene
2) Meerwein-Pondorf-Verley reduction produces
   a) Benzaldehyde
   b) Acetone
   c) n-butane
   d) Acetaldehyde
3) Which one of the following will give haloform reaction
   a) 1-butanol
   b) 2-butanol
   c) 1-propanol
   d) Butanal
4) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Elimination-addition reaction
   b) Addition-elimination reaction
   c) Elimination reaction
   d) Addition reaction
5) Oppenauer oxidation is similar but opposite to
   a) Meerwein-Pondorf-Verley reduction
   b) Wittig reaction
   c) Clemmensen reduction
   d) Wolff-Kishner reduction
6) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) Addition reaction
   b) Addition-elimination reaction
   c) substitution reaction
   d) elimination reaction
7) Which one of the following is the reagent of Wittig reaction?
   a) Anhydrous zinc chloride
   b) Phosphonium ylid
   c) Phenyl lithium
   d) Sodium bisulfite
8) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Perkin reaction
   b) Claisen-Schmidt reaction
   c) Lucas reaction
   d) Knoevenagel reaction
9) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) both carboxylic acid and alcohol
   b) carboxylic acid
   c) alcohol
   d) none from carboxylic acid or alcohol
10) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohenylamine
   b) Cyclohexene
   c) Oxime
   d) Cyclohexadiene

Script Number - 45/2019

(Do not write or mark anything on this page)

1) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexene
   b) Oxime
   c) Cyclohenylamine
   d) Cyclohexadiene
2) Which one of the following will give haloform reaction
   a) 1-butanol
   b) Butanal
   c) 2-butanol
   d) 1-propanol
3) Meerwein-Pondorf-Verley reduction produces
   a) Acetaldehyde
   b) Benzaldehyde
   c) n-butane
   d) Acetone
4) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Perkin reaction
   b) Knoevenagel reaction
   c) Lucas reaction
   d) Claisen-Schmidt reaction
5) Which one of the following is the substrate in Cumene phenol method
   a) Isopropyl benzene
   b) Toluene
   c) Nitrobenzene
   d) Xylene
6) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Elimination-addition reaction
   b) Addition reaction
   c) Elimination reaction
   d) Addition-elimination reaction
7) Which one of the following is the reagent of Wittig reaction?
   a) Phenyl lithium
   b) Sodium bisulfite
   c) Anhydrous zinc chloride
   d) Phosphonium ylid
8) Oppenauer oxidation is similar but opposite to
   a) Clemmensen reduction
   b) Meerwein-Pondorf-Verley reduction
   c) Wittig reaction
   d) Wolff-Kishner reduction
9) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) substitution reaction
   b) Addition reaction
   c) Addition-elimination reaction
   d) elimination reaction
10) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) carboxylic acid
   b) none from carboxylic acid or alcohol
   c) alcohol
   d) both carboxylic acid and alcohol

Script Number - 46/2019

(Do not write or mark anything on this page)

1) Oppenauer oxidation is similar but opposite to
   a) Wolff-Kishner reduction
   b) Clemmensen reduction
   c) Meerwein-Pondorf-Verley reduction
   d) Wittig reaction
2) Which one of the following is the reagent of Wittig reaction?
   a) Anhydrous zinc chloride
   b) Phenyl lithium
   c) Phosphonium ylid
   d) Sodium bisulfite
3) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Elimination reaction
   b) Addition reaction
   c) Addition-elimination reaction
   d) Elimination-addition reaction
4) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Lucas reaction
   b) Claisen-Schmidt reaction
   c) Perkin reaction
   d) Knoevenagel reaction
5) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexene
   b) Oxime
   c) Cyclohexadiene
   d) Cyclohenylamine
6) Which one of the following will give haloform reaction
   a) 2-butanol
   b) Butanal
   c) 1-butanol
   d) 1-propanol
7) Which one of the following is the substrate in Cumene phenol method
   a) Nitrobenzene
   b) Toluene
   c) Isopropyl benzene
   d) Xylene
8) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) both carboxylic acid and alcohol
   b) alcohol
   c) none from carboxylic acid or alcohol
   d) carboxylic acid
9) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) elimination reaction
   b) Addition-elimination reaction
   c) substitution reaction
   d) Addition reaction
10) Meerwein-Pondorf-Verley reduction produces
   a) n-butane
   b) Acetaldehyde
   c) Benzaldehyde
   d) Acetone

Script Number - 47/2019

(Do not write or mark anything on this page)

1) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Perkin reaction
   b) Lucas reaction
   c) Knoevenagel reaction
   d) Claisen-Schmidt reaction
2) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexene
   b) Cyclohexadiene
   c) Cyclohenylamine
   d) Oxime
3) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) carboxylic acid
   b) alcohol
   c) both carboxylic acid and alcohol
   d) none from carboxylic acid or alcohol
4) Which one of the following is the substrate in Cumene phenol method
   a) Xylene
   b) Nitrobenzene
   c) Isopropyl benzene
   d) Toluene
5) Which one of the following is the reagent of Wittig reaction?
   a) Sodium bisulfite
   b) Phosphonium ylid
   c) Anhydrous zinc chloride
   d) Phenyl lithium
6) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) elimination reaction
   b) Addition reaction
   c) substitution reaction
   d) Addition-elimination reaction
7) Which one of the following will give haloform reaction
   a) Butanal
   b) 2-butanol
   c) 1-butanol
   d) 1-propanol
8) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Addition reaction
   b) Elimination reaction
   c) Addition-elimination reaction
   d) Elimination-addition reaction
9) Meerwein-Pondorf-Verley reduction produces
   a) Acetaldehyde
   b) n-butane
   c) Acetone
   d) Benzaldehyde
10) Oppenauer oxidation is similar but opposite to
   a) Clemmensen reduction
   b) Meerwein-Pondorf-Verley reduction
   c) Wolff-Kishner reduction
   d) Wittig reaction

Script Number - 48/2019

(Do not write or mark anything on this page)

1) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Claisen-Schmidt reaction
   b) Knoevenagel reaction
   c) Lucas reaction
   d) Perkin reaction
2) Which one of the following will give haloform reaction
   a) 1-propanol
   b) 1-butanol
   c) Butanal
   d) 2-butanol
3) Meerwein-Pondorf-Verley reduction produces
   a) Acetaldehyde
   b) n-butane
   c) Acetone
   d) Benzaldehyde
4) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) substitution reaction
   b) elimination reaction
   c) Addition-elimination reaction
   d) Addition reaction
5) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) none from carboxylic acid or alcohol
   b) carboxylic acid
   c) alcohol
   d) both carboxylic acid and alcohol
6) Oppenauer oxidation is similar but opposite to
   a) Meerwein-Pondorf-Verley reduction
   b) Wolff-Kishner reduction
   c) Clemmensen reduction
   d) Wittig reaction
7) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Addition-elimination reaction
   b) Elimination-addition reaction
   c) Elimination reaction
   d) Addition reaction
8) Which one of the following is the substrate in Cumene phenol method
   a) Isopropyl benzene
   b) Xylene
   c) Nitrobenzene
   d) Toluene
9) Which one of the following is the reagent of Wittig reaction?
   a) Anhydrous zinc chloride
   b) Sodium bisulfite
   c) Phenyl lithium
   d) Phosphonium ylid
10) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohenylamine
   b) Oxime
   c) Cyclohexene
   d) Cyclohexadiene

Script Number - 49/2019

(Do not write or mark anything on this page)

1) Oppenauer oxidation is similar but opposite to
   a) Wittig reaction
   b) Meerwein-Pondorf-Verley reduction
   c) Clemmensen reduction
   d) Wolff-Kishner reduction
2) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexene
   b) Cyclohenylamine
   c) Oxime
   d) Cyclohexadiene
3) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Claisen-Schmidt reaction
   b) Knoevenagel reaction
   c) Perkin reaction
   d) Lucas reaction
4) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Elimination reaction
   b) Elimination-addition reaction
   c) Addition-elimination reaction
   d) Addition reaction
5) Meerwein-Pondorf-Verley reduction produces
   a) Acetone
   b) n-butane
   c) Benzaldehyde
   d) Acetaldehyde
6) Which one of the following is the substrate in Cumene phenol method
   a) Toluene
   b) Xylene
   c) Nitrobenzene
   d) Isopropyl benzene
7) Which one of the following is the reagent of Wittig reaction?
   a) Sodium bisulfite
   b) Phosphonium ylid
   c) Phenyl lithium
   d) Anhydrous zinc chloride
8) Which one of the following will give haloform reaction
   a) 1-propanol
   b) 1-butanol
   c) 2-butanol
   d) Butanal
9) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) Addition-elimination reaction
   b) elimination reaction
   c) substitution reaction
   d) Addition reaction
10) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) both carboxylic acid and alcohol
   b) none from carboxylic acid or alcohol
   c) carboxylic acid
   d) alcohol

Script Number - 50/2019

(Do not write or mark anything on this page)

1) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexadiene
   b) Cyclohexene
   c) Oxime
   d) Cyclohenylamine
2) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Addition-elimination reaction
   b) Elimination-addition reaction
   c) Elimination reaction
   d) Addition reaction
3) Which one of the following will give haloform reaction
   a) 2-butanol
   b) 1-propanol
   c) 1-butanol
   d) Butanal
4) Which one of the following is the substrate in Cumene phenol method
   a) Isopropyl benzene
   b) Toluene
   c) Xylene
   d) Nitrobenzene
5) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) elimination reaction
   b) substitution reaction
   c) Addition-elimination reaction
   d) Addition reaction
6) Meerwein-Pondorf-Verley reduction produces
   a) Acetone
   b) n-butane
   c) Acetaldehyde
   d) Benzaldehyde
7) Oppenauer oxidation is similar but opposite to
   a) Clemmensen reduction
   b) Meerwein-Pondorf-Verley reduction
   c) Wolff-Kishner reduction
   d) Wittig reaction
8) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Perkin reaction
   b) Knoevenagel reaction
   c) Claisen-Schmidt reaction
   d) Lucas reaction
9) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) alcohol
   b) none from carboxylic acid or alcohol
   c) carboxylic acid
   d) both carboxylic acid and alcohol
10) Which one of the following is the reagent of Wittig reaction?
   a) Sodium bisulfite
   b) Anhydrous zinc chloride
   c) Phosphonium ylid
   d) Phenyl lithium

Script Number - 51/2019

(Do not write or mark anything on this page)

1) Meerwein-Pondorf-Verley reduction produces
   a) Acetaldehyde
   b) Benzaldehyde
   c) Acetone
   d) n-butane
2) Which one of the following will give haloform reaction
   a) Butanal
   b) 1-propanol
   c) 1-butanol
   d) 2-butanol
3) Which one of the following is the substrate in Cumene phenol method
   a) Xylene
   b) Toluene
   c) Isopropyl benzene
   d) Nitrobenzene
4) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Addition-elimination reaction
   b) Elimination-addition reaction
   c) Elimination reaction
   d) Addition reaction
5) Oppenauer oxidation is similar but opposite to
   a) Wittig reaction
   b) Clemmensen reduction
   c) Meerwein-Pondorf-Verley reduction
   d) Wolff-Kishner reduction
6) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Lucas reaction
   b) Knoevenagel reaction
   c) Perkin reaction
   d) Claisen-Schmidt reaction
7) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexene
   b) Cyclohexadiene
   c) Cyclohenylamine
   d) Oxime
8) Which one of the following is the reagent of Wittig reaction?
   a) Phenyl lithium
   b) Phosphonium ylid
   c) Anhydrous zinc chloride
   d) Sodium bisulfite
9) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) both carboxylic acid and alcohol
   b) none from carboxylic acid or alcohol
   c) alcohol
   d) carboxylic acid
10) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) substitution reaction
   b) Addition-elimination reaction
   c) elimination reaction
   d) Addition reaction

Script Number - 52/2019

(Do not write or mark anything on this page)

1) Which one of the following will give haloform reaction
   a) 1-butanol
   b) 1-propanol
   c) 2-butanol
   d) Butanal
2) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Knoevenagel reaction
   b) Lucas reaction
   c) Claisen-Schmidt reaction
   d) Perkin reaction
3) Meerwein-Pondorf-Verley reduction produces
   a) Acetaldehyde
   b) Benzaldehyde
   c) Acetone
   d) n-butane
4) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) Addition reaction
   b) elimination reaction
   c) Addition-elimination reaction
   d) substitution reaction
5) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexene
   b) Cyclohexadiene
   c) Cyclohenylamine
   d) Oxime
6) Oppenauer oxidation is similar but opposite to
   a) Meerwein-Pondorf-Verley reduction
   b) Clemmensen reduction
   c) Wittig reaction
   d) Wolff-Kishner reduction
7) Which one of the following is the substrate in Cumene phenol method
   a) Nitrobenzene
   b) Isopropyl benzene
   c) Xylene
   d) Toluene
8) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Addition reaction
   b) Elimination reaction
   c) Elimination-addition reaction
   d) Addition-elimination reaction
9) Which one of the following is the reagent of Wittig reaction?
   a) Sodium bisulfite
   b) Phenyl lithium
   c) Phosphonium ylid
   d) Anhydrous zinc chloride
10) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) alcohol
   b) both carboxylic acid and alcohol
   c) none from carboxylic acid or alcohol
   d) carboxylic acid

Script Number - 53/2019

(Do not write or mark anything on this page)

1) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohenylamine
   b) Cyclohexadiene
   c) Cyclohexene
   d) Oxime
2) Oppenauer oxidation is similar but opposite to
   a) Clemmensen reduction
   b) Wolff-Kishner reduction
   c) Meerwein-Pondorf-Verley reduction
   d) Wittig reaction
3) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) elimination reaction
   b) Addition-elimination reaction
   c) substitution reaction
   d) Addition reaction
4) Which one of the following is the substrate in Cumene phenol method
   a) Toluene
   b) Nitrobenzene
   c) Xylene
   d) Isopropyl benzene
5) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Elimination reaction
   b) Addition-elimination reaction
   c) Elimination-addition reaction
   d) Addition reaction
6) Which one of the following will give haloform reaction
   a) 1-butanol
   b) 2-butanol
   c) Butanal
   d) 1-propanol
7) Meerwein-Pondorf-Verley reduction produces
   a) n-butane
   b) Benzaldehyde
   c) Acetaldehyde
   d) Acetone
8) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) carboxylic acid
   b) alcohol
   c) both carboxylic acid and alcohol
   d) none from carboxylic acid or alcohol
9) Which one of the following is the reagent of Wittig reaction?
   a) Sodium bisulfite
   b) Phosphonium ylid
   c) Anhydrous zinc chloride
   d) Phenyl lithium
10) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Lucas reaction
   b) Knoevenagel reaction
   c) Perkin reaction
   d) Claisen-Schmidt reaction

Script Number - 54/2019

(Do not write or mark anything on this page)

1) Meerwein-Pondorf-Verley reduction produces
   a) n-butane
   b) Acetone
   c) Benzaldehyde
   d) Acetaldehyde
2) Which one of the following is the reagent of Wittig reaction?
   a) Anhydrous zinc chloride
   b) Sodium bisulfite
   c) Phosphonium ylid
   d) Phenyl lithium
3) Which one of the following is the substrate in Cumene phenol method
   a) Xylene
   b) Nitrobenzene
   c) Toluene
   d) Isopropyl benzene
4) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) Addition-elimination reaction
   b) elimination reaction
   c) Addition reaction
   d) substitution reaction
5) Oppenauer oxidation is similar but opposite to
   a) Wittig reaction
   b) Meerwein-Pondorf-Verley reduction
   c) Wolff-Kishner reduction
   d) Clemmensen reduction
6) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) carboxylic acid
   b) both carboxylic acid and alcohol
   c) alcohol
   d) none from carboxylic acid or alcohol
7) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Elimination-addition reaction
   b) Elimination reaction
   c) Addition reaction
   d) Addition-elimination reaction
8) Which one of the following will give haloform reaction
   a) Butanal
   b) 1-propanol
   c) 1-butanol
   d) 2-butanol
9) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Claisen-Schmidt reaction
   b) Knoevenagel reaction
   c) Perkin reaction
   d) Lucas reaction
10) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Oxime
   b) Cyclohexene
   c) Cyclohexadiene
   d) Cyclohenylamine

Script Number - 55/2019

(Do not write or mark anything on this page)

1) Oppenauer oxidation is similar but opposite to
   a) Meerwein-Pondorf-Verley reduction
   b) Clemmensen reduction
   c) Wolff-Kishner reduction
   d) Wittig reaction
2) Which one of the following is the substrate in Cumene phenol method
   a) Isopropyl benzene
   b) Nitrobenzene
   c) Toluene
   d) Xylene
3) In esterification reaction from alcohol and carboxylic acid the OH group is eliminated from
   a) alcohol
   b) none from carboxylic acid or alcohol
   c) both carboxylic acid and alcohol
   d) carboxylic acid
4) Meerwein-Pondorf-Verley reduction produces
   a) Acetone
   b) Acetaldehyde
   c) n-butane
   d) Benzaldehyde
5) Which one of the following is the reagent of Wittig reaction?
   a) Anhydrous zinc chloride
   b) Sodium bisulfite
   c) Phenyl lithium
   d) Phosphonium ylid
6) Which one of the following is the product when hydroxylamine reacts with cyclohexanone
   a) Cyclohexene
   b) Cyclohenylamine
   c) Cyclohexadiene
   d) Oxime
7) Which one of the following will give haloform reaction
   a) Butanal
   b) 2-butanol
   c) 1-propanol
   d) 1-butanol
8) Crossed aldol condensation between benzaldehyde and acetaldehyde is known as
   a) Lucas reaction
   b) Claisen-Schmidt reaction
   c) Knoevenagel reaction
   d) Perkin reaction
9) Formation of aniline from chlorobenzene under the treatment of sodamide in liquid ammonia is an example of
   a) Elimination-addition reaction
   b) Addition reaction
   c) Elimination reaction
   d) Addition-elimination reaction
10) Formation of phenyl hydrazone from phenyl hydrazine and carbonyl compound is an example of
   a) elimination reaction
   b) substitution reaction
   c) Addition-elimination reaction
   d) Addition reaction

Answer of the 55 script(s) of M.Sc. Sem-II 2019

Script-1: 1a 2b 3c 4b 5a 6a 7a 8a 9b 10d

Script-2: 1d 2a 3c 4b 5a 6d 7a 8d 9c 10c

Script-3: 1d 2c 3d 4a 5b 6a 7b 8b 9d 10d

Script-4: 1b 2b 3b 4b 5b 6b 7d 8c 9a 10a

Script-5: 1a 2c 3b 4d 5c 6d 7c 8d 9c 10d

Script-6: 1b 2d 3c 4b 5d 6d 7d 8d 9a 10d

Script-7: 1d 2b 3d 4c 5a 6a 7d 8b 9b 10d

Script-8: 1b 2a 3d 4d 5c 6c 7b 8a 9c 10d

Script-9: 1c 2d 3a 4a 5c 6c 7d 8b 9c 10c

Script-10: 1a 2d 3c 4d 5b 6c 7c 8b 9a 10d

Script-11: 1c 2c 3c 4a 5c 6b 7c 8b 9a 10a

Script-12: 1c 2b 3a 4d 5a 6d 7c 8b 9a 10c

Script-13: 1b 2b 3b 4b 5a 6b 7d 8c 9d 10d

Script-14: 1b 2c 3a 4c 5a 6b 7a 8c 9c 10a

Script-15: 1d 2a 3a 4b 5a 6c 7d 8a 9a 10d

Script-16: 1d 2d 3c 4b 5d 6d 7a 8d 9b 10a

Script-17: 1a 2d 3b 4b 5d 6d 7b 8a 9c 10b

Script-18: 1b 2d 3d 4a 5c 6c 7a 8c 9c 10d

Script-19: 1a 2a 3b 4a 5d 6d 7b 8c 9a 10c

Script-20: 1d 2a 3a 4a 5b 6c 7c 8c 9c 10a

Script-21: 1a 2b 3c 4d 5d 6b 7d 8c 9b 10d

Script-22: 1c 2b 3c 4c 5d 6a 7a 8b 9d 10a

Script-23: 1a 2a 3a 4c 5a 6d 7a 8a 9b 10b

Script-24: 1c 2b 3b 4c 5d 6a 7b 8c 9a 10a

Script-25: 1b 2c 3c 4a 5c 6a 7a 8a 9b 10b

Script-26: 1b 2c 3c 4d 5a 6c 7a 8d 9d 10b

Script-27: 1b 2c 3c 4d 5d 6b 7a 8b 9a 10d

Script-28: 1b 2a 3d 4a 5a 6d 7d 8c 9b 10d

Script-29: 1b 2b 3c 4a 5d 6b 7b 8d 9d 10c

Script-30: 1a 2d 3b 4a 5c 6b 7b 8b 9a 10b

Script-31: 1b 2c 3d 4a 5d 6c 7b 8b 9b 10c

Script-32: 1c 2a 3d 4c 5d 6b 7c 8b 9d 10b

Script-33: 1b 2d 3a 4d 5d 6a 7a 8c 9b 10b

Script-34: 1d 2c 3b 4d 5a 6c 7d 8d 9d 10c

Script-35: 1c 2b 3a 4d 5c 6d 7b 8d 9a 10d

Script-36: 1b 2d 3a 4b 5c 6d 7c 8d 9b 10a

Script-37: 1b 2b 3c 4b 5a 6b 7d 8a 9b 10d

Script-38: 1b 2b 3c 4c 5d 6a 7c 8d 9c 10b

Script-39: 1d 2c 3a 4b 5b 6b 7b 8d 9b 10b

Script-40: 1d 2a 3c 4d 5d 6b 7b 8b 9b 10b

Script-41: 1c 2b 3b 4a 5d 6a 7b 8b 9b 10a

Script-42: 1c 2d 3d 4a 5a 6b 7c 8d 9a 10d

Script-43: 1c 2c 3c 4c 5a 6b 7d 8a 9d 10c

Script-44: 1c 2b 3b 4a 5a 6b 7b 8b 9b 10c

Script-45: 1b 2c 3d 4d 5a 6a 7d 8b 9c 10a

Script-46: 1c 2c 3d 4b 5b 6a 7c 8d 9b 10d

Script-47: 1d 2d 3a 4c 5b 6d 7b 8d 9c 10b

Script-48: 1a 2d 3c 4c 5b 6a 7b 8a 9d 10b

Script-49: 1b 2c 3a 4b 5a 6d 7b 8c 9a 10c

Script-50: 1c 2b 3a 4a 5c 6a 7b 8c 9c 10c

Script-51: 1c 2d 3c 4b 5c 6d 7d 8b 9d 10b

Script-52: 1c 2c 3c 4c 5d 6a 7b 8c 9c 10d

Script-53: 1d 2c 3b 4d 5c 6b 7d 8a 9b 10d

Script-54: 1b 2c 3d 4a 5b 6a 7a 8d 9a 10a

Script-55: 1a 2a 3d 4a 5d 6d 7b 8b 9a 10c