

Code No: A109100105

Set No. 1

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

I B.Tech. II Mid Examinations, February – 2012

ENGINEERING CHEMISTRY

Objective Exam

Name: _____ Hall Ticket No.

						A				
--	--	--	--	--	--	---	--	--	--	--

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

I. Choose the correct alternative:

1. High polymers are []
a) liquids b) gases c) solids d) colloids
2. Phenol formaldehyde resin is commonly known as []
a) PVC b) Bakelite c) Nylon d) Teflon
3. Polymer commonly used in textile industry is []
a) Rubber b) Nylon c) PVC d) Bakelite
4. Estimation of hardness of water by EDTA method is used to determine []
a) alkaline hardness b) temporary hardness c) permanent hardness only d) all the above
5. Brackish water mostly contains dissolved []
a) calcium salts b) magnesium salts c) turbidity d) sodium chloride
6. One of the important uses of bakelite is for making []
a) cables b) cloth c) electrical switches d) conveyor belts
7. Which one of the following is not a macro molecule []
a) cellulose b) rubber c) protein d) wood
8. Functionality of phenol is _____ []
a) 1 b) 2 c) 3 d) 6
9. Caustic embrittlement is a type of []
a) boiler corrosion b) conditioning c) scale formation d) sludge formation
10. Ferrous sulphate is commonly used in the treatment of municipal water for []
a) filtration b) flocculation c) sedimentation d) disinfection

Cont....2

II Fill in the Blanks

11. The plastic used for making optical lenses is _____ .
12. An example of thermosetting homopolymer is _____ .
13. Stereospecific polymers are obtained by _____ polymerization.
14. Anion exchange resins are regenerated by using _____
15. Adsorption of gas on a solid is sometimes called as _____
16. The repeating unit of natural rubber is _____
17. Silicone rubber are vulcanized by _____ .
18. Silicones contain alternate _____ bonds
19. Rosin is used as the indicator in _____ titrations
20. All gas masks contain _____ as adsorbent.

Code No: A109100105

Set No. 2

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

I B.Tech. II Mid Examinations, February – 2012

ENGINEERING CHEMISTRY

Objective Exam

Name: _____ Hall Ticket No.

						A				
--	--	--	--	--	--	---	--	--	--	--

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

I. Choose the correct alternative:

1. Estimation of hardness of water by EDTA method is used to determine []
a) alkaline hardness b) temporary hardness c) permanent hardness only d) all the above
2. Brackish water mostly contains dissolved []
a) calcium salts b) magnesium salts c) turbidity d) sodium chloride
3. One of the important uses of bakelite is for making []
a) cables b) cloth c) electrical switches d) conveyor belts
4. Which one of the following is not a macro molecule []
a) cellulose b) rubber c) protein d) wood
5. Functionality of phenol is _____ []
a) 1 b) 2 c) 3 d) 6
6. Caustic embrittlement is a type of []
a) boiler corrosion b) conditioning c) scale formation d) sludge formation
7. Ferrous sulphate is commonly used in the treatment of municipal water for []
a) filtration b) flocculation c) sedimentation d) disinfection
8. High polymers are []
a) liquids b) gases c) solids d) colloids
9. Phenol formaldehyde resin is commonly known as []
a) PVC b) Bakelite c) Nylon d) Teflon
10. Polymer commonly used in textile industry is []
a) Rubber b) Nylon c) PVC d) Bakelite

Cont....2

II Fill in the Blanks

11. Anion exchange resins are regenerated by using _____
12. Adsorption of gas on a solid is sometimes called as _____
13. The repeating unit of natural rubber is _____
14. Silicone rubber are vulcanized by _____ .
15. Silicones contain alternate _____ bonds
16. Rosin is used as the indicator in _____ titrations
17. All gas masks contain _____ as adsorbent.
18. The plastic used for making optical lenses is _____ .
19. An example of thermosetting homopolymer is _____ .
20. Stereospecific polymers are obtained by _____ polymerization.

-oOo-

Code No: A109100105

Set No. 3

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

I B.Tech. II Mid Examinations, February – 2012

ENGINEERING CHEMISTRY

Objective Exam

Name: _____ Hall Ticket No.

						A			
--	--	--	--	--	--	---	--	--	--

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

I. Choose the correct alternative:

1. One of the important uses of bakelite is for making []
a) cables b) cloth c) electrical switches d) conveyor belts
2. Which one of the following is not a macro molecule []
a) cellulose b) rubber c) protein d) wood
3. Functionality of phenol is _____ []
a) 1 b) 2 c) 3 d) 6
4. Caustic embrittlement is a type of []
a) boiler corrosion b) conditioning c) scale formation d) sludge formation
5. Ferrous sulphate is commonly used in the treatment of municipal water for []
a) filtration b) flocculation c) sedimentation d) disinfection
6. High polymers are []
a) liquids b) gases c) solids d) colloids
7. Phenol formaldehyde resin is commonly known as []
a) PVC b) Bakelite c) Nylon d) Teflon
8. Polymer commonly used in textile industry is []
a) Rubber b) Nylon c) PVC d) Bakelite
9. Estimation of hardness of water by EDTA method is used to determine []
a) alkaline hardness b) temporary hardness c) permanent hardness only d) all the above
10. Brackish water mostly contains dissolved []
a) calcium salts b) magnesium salts c) turbidity d) sodium chloride

Cont....2

Code No: A109100105**:2:****Set No. 3****II Fill in the Blanks**

11. The repeating unit of natural rubber is _____
12. Silicone rubber are vulcanized by _____ .
13. Silicones contain alternate _____ bonds
14. Rosin is used as the indicator in _____ titrations
15. All gas masks contain _____ as adsorbent.
16. The plastic used for making optical lenses is _____ .
17. An example of thermosetting homopolymer is _____ .
18. Stereospecific polymers are obtained by _____ polymerization.
19. Anion exchange resins are regenerated by using _____
20. Adsorption of gas on a solid is sometimes called as _____

-oOo-

Code No: A109100105

Set No. 4

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

I B.Tech. II Mid Examinations, February – 2012

ENGINEERING CHEMISTRY

Objective Exam

Name: _____ Hall Ticket No.

						A			
--	--	--	--	--	--	---	--	--	--

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

I. Choose the correct alternative:

1. Functionality of phenol is _____ []
a) 1 b) 2 c) 3 d) 6
2. Caustic embrittlement is a type of _____ []
a) boiler corrosion b) conditioning c) scale formation d) sludge formation
3. Ferrous sulphate is commonly used in the treatment of municipal water for _____ []
a) filtration b) flocculation c) sedimentation d) disinfection
4. High polymers are _____ []
a) liquids b) gases c) solids d) colloids
5. Phenol formaldehyde resin is commonly known as _____ []
a) PVC b) Bakelite c) Nylon d) Teflon
6. Polymer commonly used in textile industry is _____ []
a) Rubber b) Nylon c) PVC d) Bakelite
7. Estimation of hardness of water by EDTA method is used to determine _____ []
a) alkaline hardness b) temporary hardness c) permanent hardness only d) all the above
8. Brackish water mostly contains dissolved _____ []
a) calcium salts b) magnesium salts c) turbidity d) sodium chloride
9. One of the important uses of bakelite is for making _____ []
a) cables b) cloth c) electrical switches d) conveyor belts
10. Which one of the following is not a macro molecule _____ []
a) cellulose b) rubber c) protein d) wood

Cont....2

II Fill in the Blanks

11. Silicones contain alternate _____ bonds
12. Rosin is used as the indicator in _____ titrations
13. All gas masks contain _____ as adsorbent.
14. The plastic used for making optical lenses is _____ .
15. An example of thermosetting homopolymer is _____ .
16. Stereospecific polymers are obtained by _____ polymerization.
17. Anion exchange resins are regenerated by using _____
18. Adsorption of gas on a solid is sometimes called as _____
19. The repeating unit of natural rubber is _____
20. Silicone rubber are vulcanized by _____ .