51. When CO2 is made to react with ethy1 magnesium iodide in dry ether followed by acid hydrolysis yields

A. Carboxylic acid
B. Ethanoic acid
C. Propanoic acid
D. Butanoic acid

Answer: Option C

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52. The process of fermentation involves all the enzymes except

A. Diastase
B. Invertase
C. Zymase
D. Sucrase

Answer: Option D

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53. Ethy1 chloride on reduction in the presence of Zn/HCI produces

A. n. butane
B. Ethanol
C. Ethane
D. Diethy1 ether

Answer: Option C

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54. Which one does not exhibit aldol condensation

A. Ethanal
B. Acetone
C. Benzaldehyde
D. Butanone

Answer: Option C

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55. For industrial preparation of CH3CHO catalytic promoter is

A. PdCl2
B. Cu2Cl2
C. CuCl2
D. PbCl2

Answer: Option B

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56. The common name of propane -1 3-dioic acid is

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A. Oxalic acid
B. Succinic acid
C. Malonic acid
D. Fumaric acid

Answer: Option C

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57. Which of the following is not a fatty acid?

A. Propanoic acid
B. Acetic acid
C. Phthalic acid
D. Butanoic acid

Answer: Option C

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58. Industrial materials thermal power stations are coated with

A. Polyester resins
B. Epoxy paints
C. polyamide resins
D. Polyvinyl chloride

Answer: Option B

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59. Which one of the following fertilizers provides the nitrogen and phosphorus to the plant?

A. Urea
B. Calcium superphosphate
C. Diammonium phosphate
D. Potassium nitrate

Answer: Option A

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60. Chlorination of water may be harmful if the water contains

A. Ammonia
B. Dissolved oxygen
C. Carbon dioxide
D. All

Answer: Option C

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