

1. Which one of the following is termed as benzyl alcohol?
- [A.](#) C<sub>6</sub>H<sub>5</sub>OH [B.](#) C<sub>6</sub>H<sub>5</sub>CH(OH)<sub>2</sub>  
[C.](#) C<sub>6</sub>H<sub>5</sub>CH<sub>2</sub>OH [D.](#) C<sub>6</sub>H<sub>5</sub>COOH

**Answer:** Option C

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2. Which one of the following is also known as lactic acid?
- [A.](#) 3-Hydroxy propanoic acid [B.](#) 2-Hydroxy propanoic acid  
[C.](#) 2-hydroxy butanoic acid [D.](#) 3-hydroxy butanoic acid

**Answer:** Option B

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3. Which one of the following is also known as tartaric acid?
- [A.](#) 2,3-dihydroxybutane-1,4-dioic acid [B.](#) 2,3-dihydroxybutanedioic acid  
[C.](#) 2,3-dihydroxybutanoic acid [D.](#) 2,2-dihydroxybutanoic acid

**Answer:** Option A

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4. Water gas heated at 450°C and 200 atm pressure in the presence of ZnO+Cr<sub>2</sub>O<sub>3</sub> will produce
- [A.](#) methanal [B.](#) methanol  
[C.](#) carbonic acid [D.](#) methane

**Answer:** Option B

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5. The residue obtained after the crystallization of sugar from concentrated sugar cane juice is called
- [A.](#) Mother liquor [B.](#) Filterate  
[C.](#) Extract [D.](#) Molasses

**Answer:** Option D

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6. The formula of starch is

- [A.](#)  $C_{12}H_{22}O_{11}$                       [B.](#)  $C_6H_{10}O_5$   
[C.](#)  $(C_6H_{10}O_5)_n$                       [D.](#)  $C_6H_{12}O_6$

**Answer:** Option c

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7. The process of fermentation of starch involve many enzymes the sequence of enzymes used are
- [A.](#) Diastase-maltase-zymase                      [B.](#) Zymase-maltase-diaastase  
[C.](#) Maltase-diaastase-zymase                      [D.](#) Diaastase-zymase-maltase

**Answer:** Option A

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8. The rectified spirit contains
- [A.](#) 12% alcohol                      [B.](#) 90% alcohol  
[C.](#) 95% alcohol                      [D.](#) 100% alcohol

**Answer:** Option c

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9.  $K_2Cr_2O_7/H_2SO_4$  generate
- [A.](#) Oxygen                      [B.](#) Hydrogen  
[C.](#) Nascent oxygen[O]                      [D.](#) Nascent hydrogen[H]

**Answer:** Option c

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10. The oxidation of isopropyl alcohol will yield
- [A.](#) propane                      [B.](#) Propanol  
[C.](#) Propanone                      [D.](#) Propanoic acid

**Answer:** Option c