

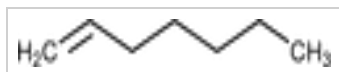
## Hydrocarbon MCQ's Worksheet:

Q# 1. Identify this hydrocarbon:



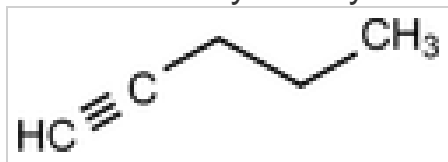
(a) Butane (b) Propane (c) Pentane (d) Methane

Q# 2. Identify this hydrocarbon:



(a) Hexane (b) Heptene (c) Alcohol (d) Alkyl halide

Q# 3. Identify this hydrocarbon:



(a) Hexyne (b) Butyne (c) Propyne (d) Pentyne

Q# 4. Identify this hydrocarbon:



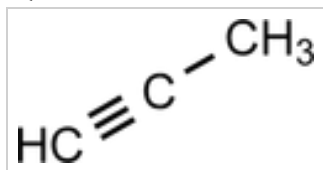
(a) Propane (b) Ethane (c) Propyne (d) Ethane (e) Propene

**Q# 5.** This molecule is an example of an:



(a) Alkane (b) Alkene (c) Alkyne (d) None of the above

**Q # 6.** This molecule is an example of an:



(a) Alkane (b) Alkene (c) Alkyne (d) None of the above

**Q# 7.** What is the molecular formula for this hydrocarbon?



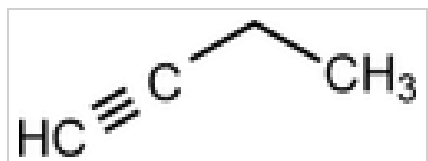
(a).C<sub>5</sub>H<sub>6</sub> (b).C<sub>5</sub>H<sub>9</sub> (c).C<sub>5</sub>H<sub>10</sub> (d).C<sub>5</sub>H<sub>12</sub>

**Q# 8.** What is the molecular formula for this hydrocarbon?



- (a).C<sub>5</sub>H<sub>5</sub> (b).C<sub>5</sub>H<sub>9</sub> (c).C<sub>5</sub>H<sub>10</sub> (d).C<sub>5</sub>H<sub>12</sub>

**Q# 9.** What is the molecular formula for this hydrocarbon?



- (a). C<sub>4</sub>H<sub>4</sub> (b).C<sub>3</sub>H<sub>6</sub> (c).C<sub>4</sub>H<sub>6</sub> (d).C<sub>3</sub>H<sub>8</sub> (e). C<sub>4</sub>H<sub>10</sub>

**Q #10** Identify this hydrocarbon:



- (a). 1- Hexene (b). 2 - Hexene (c). 3 - Hexene (d). 4 - Hexene

### Answers Key

Q.1	a
Q.2	b
Q.3	d
Q.4	e
Q.5	b
Q.6	c
Q.7	d
Q.8	c
Q.9	c
Q.10	b

<http://tec.edu.pk>  
[akber.khursheed@gmail.com](mailto:akber.khursheed@gmail.com)