

## Fsc Part 1 Chemistry MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Number of neutrons present in Cl are	A. <p>18</p> B. <p>17</p> C. <p>19</p> D. <p>25</p>
2	The shape of the cethane molecule is.	A. Planar B. Tetrahedral C. Linear D. Trigonal planar
3	Why can gases be compressed easily.	A. <p>Because they have strong intermolecular forces</p> B. <p>Because their particles are lightly packed</p> C. <p>Because most of their volume is empty space</p> D. <p>Because they are denser than solids</p>
4	In a titration, the equivalence point is when	A. No acid left B. pH = 7 C. Moles of acid= moles of base D. Buffer forms
5	Which has the lowest pH?	A. 0.1 M CH <sub>3</sub> COOH B. 1 M HCl C. 1 M NH <sub>3</sub> D. 0.1 M HCl
6	Which theory explain the paramagnetic behavior exhibited by O <sub>2</sub> molecule.	A. <p>Band Theory</p> B. <p>VBT</p> C. <p>MOT</p> D. <p>VSEPR Theory</p>
7	Which of the following has minimum mass	A. <p>3 x 10 <sup>23</sup> atom of C</p> B. <p>1 mole of S</p> C. <p>79 gram of Ag</p> D. <p>2 gram atoms of N</p>
8	The system that exchanges heat but not mass	A. Closed B. Rigid C. Open D. Isolated
9	In Solids the particles mainly have which type of motion	A. <p>Translatory motion</p> B. <p>Vibratory motion</p> C. <p>Rotatory motion</p> D. <p>Random Motion</p>
10	Which of the following is an extensive property.	A. Enthalpy B. Temperature C. Density D. Pressure
11	The reaction at the cathode is always	A. Oxidation B. Neutral C. Reduction D. Ionization
12	The atomic radius generally .....across a period in the periodic table.	A. <p>Increase</p> B. <p>Decreases</p> C. <p>Remains constant</p> D. <p>First increases then decreases</p>
13	If a chemical reaction has Delta H = -100 kJ/mol, it is	A. Exothermic B. Endothermic C. Isothermal D. Isobaric
14	Recognize the element if it has 3 electron shells. belongs to 's' block and has 2 electrons in its outer most shell	A. <p>Calcium</p> B. <p>Sodium</p> C. <p>Magnesium</p>

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15 First order reactions are best studies using.

A. *log [A] vs time*  
B. Pressure vs time  
C. [A] vs time  
D. Titration

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16 Group 16 elements are also called.

A. <p>Chalcogens</p>  
B. <p>Pnictogens</p>  
C. <p>Alkali metals</p>  
D. <p>Halogens</p>

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17 Which of the followg is an aromatic hydrocarbon

A. Benzene  
B. Ethene  
C. Methane  
D. Cyclohexane

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18 For a specific reaction the valu eof the equilibrium constant,  $K_c$ ?

A. Always remains the same at different reaction conditions  
B. Increases if the concentration of one ofthe product is increased  
C. *Changes with changes in the temperature*  
D. Increasees if the concentration of one of the ratants is increased

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19 Why is the compression of solids not possible

A. <p>The particles are fixed in place and cannot move closer</p>  
B. <p>Their particles are widely spaced</p>  
C. <p>The partiles are charged</p>  
D. <p>Solids are made of gases</p>

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20 The addition of unsymmetrical regent to an unsymmetrical alkene is in accordance with.

A. *markovnikov's rule*  
B. Hund'srule  
C. Le Chatelier's principle  
D. Aufbau principle