

PPSC Chemistry Full Book Test

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| Sr | Questions | Answers Choice |
| 1 | The branch of chemistry which is concerned with the interrelation of electrical and chemical energy is called. | A. Reaction dynamics B. Electrochemisty C. Surface chemistry D. Kinetics |
| 2 | The most promising technique for solar production of electricity is. | A. Dry cell B. Battery C. Solar cell D. None of above |
| 3 | The magnetic quantum number (m) specifies the individual orbital in a Sub shell for a given I, m can be. | A. I,I- I1 B. I2, I -32I C. I-I-2,I D. I-2,I-4,4I |
| 4 | Which of the following unit cells has least symmetry. | A. Monocline B. Cubic C. Triclinic D. Tetragona |
| 5 | Which of the following substance is a volatile metals. | A. Lead B. Zinc C. Mercury D. Sodium |
| 6 | Which of the following pollutant is generated from combustion of fuel. | A. Smoke B. SO2 C. CO2 D. Metallic oxides E. All above |
| 7 | Which of the following elements has the highest value of second ionization energy. | A. Lithum B. Beryllium C. Boron D. Magnesium |
| 8 | Which of the following is not alloy of aluminium. | A. Aluminium bronze B. Magnalum C. Duralumin D. Stellite |
| 9 | Which of the following combination is used to make buffer. | A. NaOH and HCI B. KOH and H2SO4 C. CH3COOH and CH3COONa D. CH3COOH and NH4OH |
| 10 | Equivalent conductance is expressed in the units. | A. S cm-1 eq -1 B. S cm eq-1 C. S cm2 eq-1 D. S cm2 eq |
| 11 | The IUPAC name of HOCCH2CH2CH2COOH is | A. 4- formylbutanoic acid B. 5- formylpentanoic acid C. 4- carboxybutanal D. 5- carboxypentanal |
| 12 | Argillaceous material does not include. | A. Vlay<0:p> B. Marine shells <o:p></o:p>C. Style="margin-bottom:0in;margin-bottom:0001pt;line-height: normal">Slate<o:p></o:p> D. Blast furnace slag<o:p></o:p> |
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| 13 | The chemical method of separation in which the analytes to be separated are distributed between two phases, one of which is stationary phase while the other moves in a definite direction This technique is known as. | A. Electrophoreals B. Chromatography C. Solvent extraction D. Catachreals |
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| 14 | Equal volumes of all gases, under similar conditions of temperature and pressure, contain equal number of molecules. This is a statement of. | A. Graham's law B. Dalton's law C. Avogadro' law D. Boyle's law |
| 15 | Which of the following statement is not true with respect to the role of matter undergoing decomposition. | A. Decomposed matter increase soil fertility B. They provide a texture which is favorable for plant growth C. Organic compounds for complexes with mineral nutrients which enhance uptake by plants. D. In high concentration the decomposition product may increase the photosynthesis |
| 16 | What is a process for making glass reinforced shapes that can be general by polling resin impregnated glass stands though a die. | A. Continuous pultrusion <div> </div> B. Bulk molding C. Vacuum bag forming D. Computational analysis |
| 17 | Hypo is used in photography to. | A. Reduce AgBr to metallic silver B. Remove silver a silver salt C. Remove undecomposed silver bromide as soluble complex D. Remove reduced silver |
| 18 | The solution of NaOH pH -10.46 contain [OH-] | A. 2.0 X. 10 ⁻⁴ B. 4.6 X 10 ⁻⁴ C. 4.6 X 10 ⁻² D. 4.6 X 10 ⁻³ |
| 19 | Urea is fertilizer | A. Nitrogen fertilizer B. Potash fertilizer C. Phosphorous fertilizer D. Complete fertilizer |
| 20 | Iron which contains up to 1% carbon is called. | A. Steel B. Cast iron C. Wrought iron D. Pig iron |
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