Question FBQ1 : An ampoule of endospores should be processed with\_\_\_ sterilization to check the effectiveness of sterilisation.  
Answer: Ethylene Oxide  
  
Question FBQ2 : \_\_\_refers to the reduction in number of pathogens or microorganisms on objects or materials  
Answer: Disinfection  
  
Question FBQ3 : Ethylene oxide is a \_\_\_\_disinfectant  
Answer: Gaseous  
  
Question FBQ4 : *Sodium azide*is sometimes used as a \_\_in biological preparations  
Answer: Preservative  
  
Question FBQ5 : \_\_is not subject to exercise duty and is cheaper than ethyl alcohol.  
Answer: Isopropyl alcohol  
  
Question FBQ6 : \_\_\_is bactericidal and sporicidal and effective against viruses  
Answer: Cidex  
  
Question FBQ7 : There are \_\_\_main methods are used for sterilization  
Answer: Four  
  
Question FBQ8 : \_\_\_ is the freeing of an article from all living organisms, including viruses, bacteria, fungi, and their propagules and their products-toxins  
Answer: Sterilization  
  
Question FBQ9 : Between temperatures 50°C and 65°C the \_\_\_forms of most bacteria, yeasts and fungi, and most animal viruses, are killed  
Answer: Vegetative  
  
Question FBQ10 : There are \_\_\_general types of radiation  
Answer: 4  
  
Question FBQ11 : The process of being vaccinated is known as?  
Answer: Immunization  
  
Question FBQ12 : \_\_\_is the study of the process by which all living organisms, including man defend themselves against infection  
Answer: Immunology  
  
Question FBQ13 : \_\_\_is a branch of immunity that is concerned with in-vitro reactions involving one or more serum constituents  
Answer: Serology  
  
Question FBQ14 : \_\_\_ is used to describe agent that confers immunity on the host by production of specific antibody  
Answer: Antigen  
  
Question FBQ15 : An immunity obtained in same manner other than by hereditary is known as \_ immunity?  
Answer: Acquired  
  
Question FBQ16 : \_\_\_immunity develops from the formation of specific antibodies against antigens.  
Answer: Humoral  
  
Question FBQ17 : The \_\_\_ mature in the thymus and are responsible for cell-mediated immunity and the regulation of immune responses.  
Answer: T-lymphocytes  
  
Question FBQ18 : The term \_\_\_refers to the number of determinant sites on an antigen  
Answer: Valence  
  
Question FBQ19 : Antibodies are also?  
Answer: Glycoproteins  
  
Question FBQ20 : A \_\_is an association of a fungus and an alga in which two organisms are so intertwined to form a single thallus.  
Answer: Lichen  
  
Question FBQ21 : The problem of algae in aquariums is solved by placing a few\_\_ in the tank.  
Answer: Pennies  
  
Question FBQ22 : \_\_\_has evolved special organs that host dinoflagellates.  
Answer: Tridacna  
  
Question FBQ23 : In some other species of *spirogyra* conjugation may take place between cells of the same filament is known as \_\_\_conjugation.    
Answer: Chain  
  
Question FBQ24 : Sexual reproduction in *spirogyra* is?  
Answer: Isogamous  
  
Question FBQ25 : In \_\_\_sexual reproduction is triggered by a shortage of nutrients  
Answer: Chlamydomonas  
  
Question FBQ26 : This viral DNA within the bacterial chromosome is called\_\_\_.  
Answer: Prophage  
  
Question FBQ27 : The Lytic or Virulent Bacteriophage Cycle is characterized by \_\_ stages  
Answer: 5  
  
Question FBQ28 :

Answer: T-even bacteriophage  
  
Question FBQ29 : The nucleic acid of a virus is surrounded by a protein coat called \_\_  
Answer: Capsid  
  
Question FBQ30 : Viral sizes are determined today by ultra-configuration and by \_\_  
Answer: Electron microscopy  
  
Question FBQ31 : \_\_\_, is a stable long-term relationship between the phage and the host.  
Answer: Lysogeny  
  
Question FBQ32 : The potato spindle-tuber diseases, known have been traced to\_\_.  
Answer: Viroids  
  
Question FBQ33 : A \_\_is a complete, fully developed viral particle composed of nucleic acid  
Answer: Virion  
  
Question FBQ34 : The combination of a bacterium and a temperature phage is called a\_\_.  
Answer: Lysogen  
  
Question FBQ35 :   
Answer: Chlamydomona  
  
Question MCQ1 : A la---- tout était à reconstruire  
Answer: 4e republique  
  
Question MCQ2 : C’était -------qui ont prêté l’argent à la France pour ces reconstructions  
Answer: les Américains  
  
Question MCQ3 : ----qui étaient sous la domination française depuis 1830 réclamaient leur indépendance   
Answer: Les Algériens  
  
Question MCQ4 : L’origine de la loi se trouve dans -------de1789    
Answer: la Révolution  
  
Question MCQ5 : En France, il existe trois types de-------  
Answer: juridiction  
  
Question MCQ6 : Les juridictions ---- traitent les conflits entreles citoyens, et les affaires administratives   
Answer: administrative  
  
Question MCQ7 : ---- a été le leader du parti socialiste pendant très longtemps  
Answer: François Mitterrand.  
  
Question MCQ8 : Le Parti -----est un parti qui détient la traditionmarxiste-léniniste  
Answer: Communiste  
  
Question MCQ9 : Les élections ont lieu en France le ------et sont organisées en deux tours  
Answer: dimanche  
  
Question MCQ10 : Le candidat qui obtient -------% des votes pendant le premier tourest élu  
Answer: 50  
  
Question MCQ11 : --est une domination culturelle, économique, militaire d’un Etat sur un autre Etat  
Answer: L’impérialisme  
  
Question MCQ12 : Avec l` aparition du ------,l’impérialisme est devenu une entreprise d’exploitation  
Answer: colonialism  
  
Question MCQ13 : La cause-----de l’impérialisme c’est la croyance des Européens que les autres  
Answer: humanitaire  
  
Question MCQ14 : ----n’est pas forcément territorial mais peut être une domination culturelle  
Answer: l’impérialisme  
  
Question MCQ15 : En 1840, la France a accompli de grand progrès. Elle est entrée dans---  
Answer: l’ère industrielle  
  
Question MCQ16 : A partir du 16 --- s’intéressait à l’Algérie comme le territoire africain le plus proche  
Answer: La France  
  
Question MCQ17 : ---- est obligatoire dès la naissance jusqu’àl’âge de 16 ans en France  
Answer: L’école  
  
Question MCQ18 : ---- est obligatoire dès la naissance jusqu’àl’âge de 16 ans  
Answer: Socialiste  
  
Question MCQ19 : ---- un examen qui qualifie les eleves a` entrer a`l`universite  
Answer: Le baccalauréat  
  
Question MCQ20 : Le drapeau français composé de---------  
Answer: trois couleurs  
  
Question MCQ21 : ------est pour le roi  
Answer: le blan  
  
Question MCQ22 : Le bleu et le rouge représentent les couleurs de-------  
Answer: Paris  
  
Question MCQ23 : Ce drapeau tricolore symbolise à l’origine l’union de la royauté et du-----  
Answer: peuple  
  
Question MCQ24 : L` hymne national.de la France s`appelle-----  
Answer: *laMarseillaise*  
  
Question MCQ25 : En France, il existe depuis la Révolution ----Républiques.  
Answer: cinq  
  
Question MCQ26 : un Etat conféré qui estgouverné par les représentants élus.  
Answer: La Républiques  
  
Question MCQ27 : La première République a commencé suite à l’abolition de----  
Answer: la royauté  
  
Question MCQ28 : ------sont élus au suffrage universel  
Answer: Les députés  
  
Question MCQ29 : A la première République tous les Français pouvaient voter sauf---  
Answer: les femmes  
  
Question MCQ30 : La première République est marquée par -------de milliers de Français.  
Answer: le massacre  
  
Question MCQ31 : A la mort du, --------les Etats européens se sont réunis contre la France  
Answer: roi Louis XVI  
  
Question MCQ32 : La troisième République a commencé en 1870 pour terminer en -----  
Answer: 1944  
  
Question MCQ33 : Pour les Français La troisième République en général, c’était une époque ----  
Answer: douloureuse  
  
Question MCQ34 : La troisième République est caracterisee par deux-----  
Answer: grandes guerres  
  
Question MCQ35 : En1875 une ------ qui a établi définitivement la troisièmeRépublique est signée.  
Answer: Constitution  
  
Question MCQ1 : The study of the relationship among organisms and their environment is known as  
Answer: Ecology  
  
Question MCQ2 : The physical features in an environment are called the \_\_\_.  
Answer: Abiotic factors  
  
Question MCQ3 : Living organisms inhabit the \_\_\_.  
Answer: Biosphere  
  
Question MCQ4 : The earth's water supply is also known as \_\_\_.  
Answer: Hydrosphere  
  
Question MCQ5 : The cycle that describes the movements of chemical elements through the biological and geographical components of the biosphere is the \_  
Answer: Biogeochemical cycle  
  
Question MCQ6 : Conversion of organic matter to minerals and other inorganic materials during decomposition is called \_\_  
Answer: Mineralization  
  
Question MCQ7 : *Clostridium spp* is mainly found in \_\_\_.  
Answer: Soil  
  
Question MCQ8 : The zone where the deep water in a lake is beyond the depth of effective light penetration is called \_\_\_  
Answer: Prefundal Zone  
  
Question MCQ9 : The \_\_\_ sulphur bacteria uses carbon dioxide to reduce hydrogen sulphide to sulphur  
Answer: Green  
  
Question MCQ10 : In nature's recycling process \_\_\_\_\_ are indispensable  
Answer: Micro-organisms  
  
Question MCQ11 : The cloud cover in the atmosphere affects the earth’s \_\_balance  
Answer: Heat  
  
Question MCQ12 : Lakes are stratified by differences in \_\_\_ caused by sunlight penetration  
Answer: Temperature  
  
Question MCQ13 : Lakes that have very high concentration of nutrients are termed \_\_\_  
Answer: Eutrophic  
  
Question MCQ14 : Lakes that receive small amount of nutrient are termed \_\_\_  
Answer: Oligotrophic  
  
Question MCQ15 : The bacterium that grows well in environment containing 1% or more of organic material is?  
Answer: *Caulobacter*  
  
Question MCQ16 : The bacteria found in abundance in the littoral and limnetic zone is \_\_\_\_\_  
Answer: Cyanobacteria  
  
Question MCQ17 : \_\_\_\_exist as spores in the air  
Answer: Microbes  
  
Question MCQ18 : \_\_\_ provides greater surface area for absorption of nutirents by bacteria  
Answer: Prosthesa  
  
Question MCQ19 : The \_\_is the region of the earth inhabited by living organisms  
Answer: Biosphere  
  
Question MCQ20 : Organisms within an ecosystem live in \_\_\_\_  
Answer: Communities  
  
Question MCQ21 : Microflora in a lake is determined by the following except \_\_\_\_.  
Answer: Low oxygen  
  
Question MCQ22 : The most common organisms found in air are the \_\_\_ spores  
Answer: Fungal  
  
Question MCQ23 : An ecosystem with a mixture of mineral particles and organic matter is referred to as \_\_\_  
Answer: Soil  
  
Question MCQ24 : Breaking down of organic matter into simple nutrients is done by \_\_\_  
Answer: Decomposers  
  
Question MCQ25 : The most common microorganisms found in soil are \_\_  
Answer: Bacteria  
  
Question MCQ26 : Grazing animals contact anthrax from spores of \_\_\_\_  
Answer: *Bacillus anthracis*  
  
Question MCQ27 : The mean daily precipitation overland is about \_\_\_\_  
Answer: 100x106m3  
  
Question MCQ28 : Temporary inhabitants of an environment are known as \_\_\_.  
Answer: Non-indigenous  
  
Question MCQ29 : The lithosphere consists of the following except \_\_\_.  
Answer: Water  
  
Question MCQ30 : Microorganisms in the air can be determined by the following methods except?  
Answer: Use of medical nets  
  
Question MCQ31 : Microorganisms are useful in all but one of the following  
Answer: Sulphur cycle  
  
Question MCQ32 : The mean daily precipitation overland is about?  
Answer: 10,000,000 cubic metres  
  
Question MCQ33 : \_\_\_ determines the type and population of microbes in water bodies.  
Answer: Nutrient level  
  
Question MCQ34 : Which of these bacterial populations is not found in salt water?  
Answer: Achromobacter  
  
Question MCQ35 : Which of these is not a freshwater habitat?  
Answer: Sea