Q1) Following is not the feature of synovial joint  
e) Elastic cartilage.  

Q2) Which one of the following is example of PIVOT JOINTS  
c) Atlanto-axial joint.  

Q3) Fertilization Ends up with  
c) Restoration of 46 chromosomes (diploid).  

Q4) A co – enzyme is defined as:  
a) A small molecule (not a protein but sometimes a vitamin) essential for the activity of some enzymes.  

Q5) Extracellular matrix consist of  
d) Fibrous elements, Link proteins, Space filling molecules.  

Q6) Colchicine has receptor?  
b) Tubulin.  

Q7) About the site of emergence of spinal nerves correct is  
e) They arise from the intervertebral foramina on the sides of the adjacent vertebrae  

Q8) Neurons with long-projecting axonal processes are ?  
b) Golgi type 1 neuron  

Q9) Regarding parasympathetic activation:  
d. Parasympathetic fibers cause vasodilation and are responsible for erection of the penis and clitoris  

Q10) About Gray Ramus Communicans following is correct
a) Each spinal nerve receives a branch, gray ramus communicans, from the adjacent ganglion of the sympathetic trunk.

**Q11)** The pre chordal plate is the primordium of  
**e)** Oral cavity.

**Q12)** Common site of implantation is  
**e)** Posterior or anterior wall of the body of uterus.

**Q13)** Which statement is false regarding 14-day embryo  
**e)** Primitive streak.

**Q14)** **REGARDING VITAMIN E:**  
**d)** deficiency causes ovarian failure, degeneration and fetal resorption

**Q 15)** **REGARDING FOLATE:**  
**d-** important during pregnancy to prevent spina bifida

**Q16)** Which of the following is not an extra embryonic structure  
**e)** Bilaminar germ disc.

**Q17)** **REGARDING VITAMIN C:**  
**b-** is readily destroyed by oxygen exposure and cooking

**Q18)** Regarding macromolecules following is not correct  
**c)** Micro minerals are stored in the body in quantities more than 5g

**Q19)** Regarding post transcriptional modification of RNA incorrect is  
**d)** Eukaryotic mRNA is generally identical to its primary transcripts

**Q.20)** Oxidation is  
**a)** Removal of electron, removal of hydrogen and addition of oxygen.

**Q21)** **Regarding initiation:**  
**c)** Initiator factors facilitate the assembly of this initiation complex
Q22) Low energy compounds consist of
c) Glucose 6 phosphate has 4 kcal.

Q23) In complex III cytochrome bc1 complex
c) Moves four proton across the inner mitochondrial membrane

Q24) Bioenergetics is
e) Transfer and utilization of energy within the biological system

Q25) Microsomal oxidation of Phase I Reactions include :
e) Salicylates.

Q26) Hemolysis by Primaquine and Sulfonamides is seen in persons with.

Q 27) Ionized or polar drugs are?
d) Water soluble drugs
Q28) Codeine + Aspirin > Analgesia is the example of?
A) Synergism.

Q29) Acids react with Alkalis is the example of?
d) Chemical antagonism.

Q30) In conservative theories of replication.
b) One new strand is formed

Q31) Regarding Telomerase.
d) Non- Coding sequence of DNA complex with proteins.

Q32) GABA receptor in the is coupled to a chloride ion channel, can be modulated by anticonvulsants, benzodiazepines and barbiturates.
d) CNS

Q33) Changes in genomic sequence is termed as:
d) Mutations.

Q34) c GMP is a second messenger in?

b) Vascular smooth muscle

Q35) Receptors linked via G-proteins are typically?

c) 7 trans membrane spanning domains.

Q36) In Eukaryotic mRNA following is not correct

b) Introns are the coding regions

Q37) Following are the requirements for transcription except

d) DNA polymerase

Q38) Microsomal oxidation of Phase I Reactions include:

e) Salicylates.

Q39) The pre chordal plate is the primordium of

e) Oral cavity.

Q40) Coffin-Lowry syndrome is caused by mutation in

a) Ribosomal protein gene

THE END