Q.1. What is an immune system? List the components of immune system. (10)

Q.2. What do you understand by the term cardiac cycle? Discuss its phases. (10)

Q.3. Define the following terms:
   (a) Hypoxia
   (b) Extra cellular fluids

   OR

   Briefly describe the foetal growth and development. (2 ½ + 2 ½ =5)


   OR

   Give the composition and functions of bile. (5)

Q.5. Explain briefly:
   (a) Grave’s disease
   (b) Diabetes mellitus

   OR

   Through a flow chart, describe the digestion of carbohydrate. (2 ½ + 2 ½ =5)
Q.6. Enumerate the functions of the following:
   (a) Thyroid gland
   (b) The pancreas

(2 ½ + 2 ½ =5)

Q.7. What are different types of gynecological morbidities?  OR
   What do you understand by the term ‘Rh incompatibility’? List the major consequences?

(5)

Q.8. Match the following

(a) Contraction of uterus (i) HCO3
(b) Pineal gland (ii) Nourishes the foetus
(c) Placenta (iii) Oxytocin
(d) Chloride shift (iv) True nucleus
(e) Eukaryotic cell (v) Melatonin

(5x1=5)

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