Q.2. (a) Ibn-e Batoota’s famous book Rihalah is an important source of history and geography. Justify it. (5)
(b) Albarouni is recognized more as natural scientist rather theorist. Comment. (5) (10)

Q.3. (a) How solar eclipse and lunar eclipse are caused? (5)
(b) Discuss the function of kidneys in human body. (5) (10)

Q.4. (a) Describe briefly the principle working of two of the followings
   (i) Television  (ii) Microwave oven  (iii) RADAR (5)
   (b) What is current status and future perspective of BIOTECHNOLOGY in Pakistan? (5) (10)

Q.5. (a) What do mean by night vision technology? (5)
(b) How Energy crises can be minimized in Pakistan. (5) (10)

Q.6. (a) Write short note on Seismography. (5)
   (b) Differentiate between
      (i) Cell and battery  (ii) Smog and Smoke (5) (10)

Q.7. (a) What do you understand by Pollen Allergy. (5)
   (b) Write short note on any two of the following.
      (i) Antibiotics  (ii) Hormones  (iii) Green House effect? (5) (10)

Q.8. (a) Write down note on Forensic Science and Criminology. (5)
   (b) What are fertilizers? What do you understand by NPK Fertilizers? (5) (10)

Q.9. (a) What is Anemia? What are its symptoms and causes? (5)
   (b) Write short note on space shuttle. (5) (10)

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