NATIONAL COUNCIL FOR HOTEL MANAGEMENT
AND CATERING TECHNOLOGY, NOIDA
ACADEMIC YEAR – 2016-2017

COURSE : 1st Semester of Post Graduate Diploma in
Dietetics & Hospital Food Service
SUBJECT : Human Physiology
TIME ALLOWED : 02 Hours
MAX. MARKS: 50

(Marks allotted to each question are given in brackets)

Q.1. Describe the chambers of heart with diagram. (10)

Q.2. Explain different types of anaemia. OR

What is the composition of blood? (5)

Q.3. What is Blood pressure? List factors affecting blood pressure. OR

Discuss the function of the following:
(a) Larynx
(b) Gastric juice (2 ½ + 2 ½ =5)

Q.4. Explain the transport of CO₂ in the body. OR

List the organs involved in the process of respiration. (5)

Q.5. Discuss the function of following fluid:
(a) Saliva (b) Bile OR

Enumerate any two common disorders of the digestive tract. (5)
Q.6. What do you understand by the following terms?
   (a) Dialysis
   (b) Homeostasis
   (2 ½ + 2 ½ =5)

Q.7. (a) Explain two different types of emergency contraceptives.
    (b) What is the role of thyroid gland in the body?
    (2 ½ + 2 ½ =5)

Q.8. Fill in the blanks:
   (a) The four blood group system present in human beings are _____ _____ _____ and ______
   (b) Small sac like structural unit of the lung where oxygen is exchanged for CO₂
       is_________.
   (c) The membrane that covers the lungs and the wall of chest cavity to protect lungs is__________.
   (d) The saliva is composed of organic constituents such as__________, mucous,
       cellular constituent, urea and citrate.
   (e) _______ and _______ hormones are responsible for lactation.
   (f) Study of female reproductive system is termed as__________.
   (g) Hormone from Islets of Langerhans _____________.
   (h) The first part of small intestine is___________.
   (i) The large intestine terminates at___________.
   (j) Cardiac output = Stroke volume X _________.
   (10x1=10)

******