

本試題是否可以使用計算機：可使用，不可使用（請命題老師勾選）

請依序作答，本份試題限 醫學工程研究所 丙組 考生應答

1. When a catheter is inserted in the thigh, how dose it reach the vessel of the neck? (10%)
2. Describe the conducting system and blood supply of the heart. (10%)
3. Describe the structure of the inguinal canal; also list the structures in the inguinal canal of both sexes. (10%)
4. Describe the structures (bone, muscle, passing arteries and veins) of the knee in extension (14%)
5. List the homologous structures of the external genitalia in both sexes. (14%)
6. Draw a diagram showing the relation of stomach, duodenum, pancreas, liver (including gallbladder) and spleen. Then, describe the anatomical structure of the pancreas. (14%)
7. Please define the following terms (4% each)
  - (1) tuberosity (bone)
  - (2) dorsiflexion
  - (3) coronal section
  - (4) muscle spindle
  - (5) carpal tunnel
  - (6) general somatic afferent (GSA)
  - (7) Golgi apparatus