

**BOWEN UNIVERSITY IWO, OSUN STATE,
ANATOMY PROGRAMME, FACULTY OF BASIC MEDICAL SCIENCE
SECOND SEMESTER EXAMINATION, 2022/2023 SESSION**

Date: 23/06/2023 EXAMINATION TIME: 2 HOURS

SYSTEMIC EMBRYOLOGY I ANA 204 (2 CREDITS)

INSTRUCTION: Read the questions carefully and provide the answer in the answer booklets provided. Answer ANY 4 questions

1. Describe the formation of the heart tube. **20 Marks**
2. Discuss the processes that leads to the formation of the left and right atria. **20 Marks**
3. Write on the fate of the sinus venosus and the adult structures formed. **20 Marks**
4. a) List 2 congenital anomalies each of the foregut, midgut and hindgut. **15 Marks**
b) Discuss trachéoesophageal fistula (TEF). **5 Marks**
5. a) List 3 congenital anomalies of the respiratory system. **15 Marks**
b) Discuss Respiratory Distress Syndrome. **5 Marks**
6. Discuss any two of the following 5 stages of lung development **20 Marks**
 - a) Embryonic
 - (b) Pseudoglandular
 - (c) Canalicular
 - (d) Saccular
 - (e) Alveolar