

# HUMAN ANATOMY

**NOVEMBER 2006**

Total Duration =SectionA+B+C=3Hrs

SectionB+CMarks: 50

## **SECTION-B**

SAQ (5x2=10)

- A) Draw a neat labelled diagram of floor of the IV (fourth) ventricle of brain.
- B) Styloid apparatus
- C) Enumerate the total number of fontanelle in fetal skull and write down its functions.
- D) Write down arterial blood supply of stomach.

E) What is Rete testis ? Explain with diagram.

F) What is Lingula ? Write down the names of broncho-pulmonary segments of both sides.

LAQ (1×10=10)

a) Describe the mandibular nerve under the following headings :

A} Extra-cranial course of the nerve and the diagram.

B} Distribution and branches.

C} Why it is called as “Dental Nerve”.

## **SECTION C**

SAQ (5×3=15)

A} What are the derivatives of second arch ? Write down the nerve of the same arch.

- B) Write down the functions of Zona Pellucida
- C) What is Genetics ? Write down the indication for Karyotyping.
- D) Brachio-radialis.
- E) What is mutation of gene ? Which are the mutagenic agents ?
- F) Draw a neat labelled diagram of axillary artery and its branches.

LAQ (1×10=10)

- A) Give the classification of epithelium along with diagram and example of each. Add a note on transitional epithelium.