

SEPTEMBER 2007

[KR 229]

Sub. Code : 2234

II. Short notes :

(6 × 5 = 30)

M.S. DEGREE EXAMINATION.

Branch V — Anatomy

EMBRYOLOGY AND GENETICS

Common to

Paper II — (Old/New/Revised/Regulations)

(Candidates admitted upto 2003–04)

and

Paper II — (For candidates admitted from 2004–2005
onwards)

Time : Three hours

Maximum : 100 marks

Theory : Two hours and
forty minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay :

1. Describe the development of ear. (20)
2. Describe the development of caecum. (15)
3. Describe the development of male reproductive system. (15)

- (a) Assisted reproductive techniques
- (b) Fertilization
- (c) Gene pool
- (d) Transcription
- (e) Karyotyping
- (f) Cell culture

