



KMTTC UASIN GISHU CAMPUS  
CATS-EMBRYOLOGY

2nd September 2018

NAME: \_\_\_\_\_

REG NO: \_\_\_\_\_

INSTRUCTIONS:

Part 1- (MCQs) 20 marks

Answer ALL Questions

Indicate the most appropriate answer

1. Luteinizing hormone (LH) controls

- a) Production of oestrogen
- b) Release of oocyte
- c) Shedding of menstrual blood
- d) Corpus albicans

2. Anovulatory menstrual cycle is caused by

- a) Morning after pills
- b) Gonadotrophic releasing hormone
- c) Family planning pills
- d) Bilateral oophorectomy

3) Nails are developed from

- a) Endoderm
- b) Mesoderm
- c) Ectoderm
- d) Notochord

4) The primitive streak is associated with the development of

- a) Cloacal plate
- b) Neural tube
- c) Mesoderm
- d) Notochord

5) The following are derivatives of the inner cell mass except

- a)Yolksac
- b)Chorion
- c)amnion
- d)allantoia

6) Intra contraceptive device IUCD

- a)Inhibits fertilization
- b)Inhibits ovulation
- c)Inhibits development of uterine endometrium
- d)Inhibits implantation

7)The following are derived from ectoderment germ layer excerpt

- a)Mammary glands
- b)Teeth enamel
- c)Central nervous system
- d)Cartilage

8) Spleen is derived from

- a)Ectoderm
- b)Mesoderm
- c)Endoderm
- d)Non- of the above

9) Corpus lutenm is derived from

- a)Uterineendometrial
- b)Ovarianfollicle
- c)Ovarian matrix
- d)Trophoblast

10) Zona pelucida is associated with

- a)Spermatozoa
- b)Blasto cyst
- c)Ovum
- d)Ovary

11)The following are derived from the mesoderm excerpt.

- a)Skeletal muscles
- b)Liver
- c)Bone
- d)Cardiac Muscles

12) Gynaecomastia is usually associated with

- a) Turners syndrome
- b) Down's syndrome
- c) Klinefelters syndrome
- d) Trisomy 20

13) 2nd Meiotic division in development of an ovum occurs

- a) After implantation
- b) Immediately after 1st meiotic division
- c) After fertilization
- d) Non of the above

14) The following are the appendages of the skin except

- a) Eyelashes
- b) Breasts
- c) Panniculus adiposus
- d) Nails

15) Mesoderm is associated with the formation of the following except.

- a) Dermis
- b) Skeletal muscle
- c) Fibrous cartilage
- d) Dermis

16) Down's syndrome is associated with

- a) Webbed neck
- b) Gynaecomastia
- c) Mental retardation
- d) Males only

17) Identical twins have the following

- a) Same sex
- b) Identical finger prints
- c) Formed from single ovum
- d) Same blood group

18) At birth a normal umbilicus has

- a) Two arteries and two veins
- b) One artery and two veins

- c) Two arteries and one vein
- d) One artery and one vein