

TRIUMPH

+2 ANSWER KEY - ZOOLOGY UNIT 1-A

1. Ampullary - Isthmic junction (1)
2. Periodic Abstinence (1)
3. Test cross (1)
4. Endometrium - Implantation of foetus (1)  
Acrosome - Fertilisation (1)
5. Sexually Transmitting Disease (1) and Hep. B (1)
6. One gene control different pheno. Characters. Gene control Seed shape (2)
7. Formation of Spermatozoa & Release of Sperms (2) <sup>4 size of starch grain</sup>
8. Medical Termination of Pregnancy. In Rape / genital disease (2)
9. a) Haemophilia b) Phenyl ketonuria.   
 c) Sickle cell anemia d) Down's Syndrome (3) <sup>Any 3 correct answer full marks.</sup>
10. Menstrual, Proliferative, Luteal phase explanation (3)
11. Down's -  $44A+1$  xx/xy (1)  
Klinefelters -  $44A + xxy$  (1)  
Turners -  $44A + x0$  (1)

UNIT - 1B

1. Luteinising Hormone (1)
2. Turner's Syndrome (1)
3. Amniocentesis (1)
4. a) Isthmic - Ampullary junction (1)  
b) Endometrium (1)
5. a) Zygote Intra Fallopian Transfer (1)  
b) Intra Cytoplasmic Sperm Injection (1)
6. a) Incomplete Dominance. b) Flower colour in 4 o'clock plant. (2)
7. a) Colostrum b) contain various antibodies & vitamins (2)
8. a) 9:3:3:1 b)  $2n-1$  (2)
9. Intra Uterine Devices (1) Classification (2)
10. a) release hormones like hPL, hCG, etc. b) Functions (3)
11. a) Bleeding takes place even from small wounds. (1)  
b) male Normal Carrier Disease  
Female  $xx$   $x^h x$   $x^h x^h$  (2)