



# BIOLOGY

## BOOKS - SARAS PUBLICATION

### ASSESSMENT TEST-3

#### Exercise

1. The animals which give birth to young ones are

A. Oviparous

B. Ovoviviparous

C. Viviparous

D. Both a and b

**Answer:**



**Watch Video Solution**

2. Which one of the following menstrual irregularities is correctly matched?

A. Menorrhagia-Excessive menstruation

B. Amenorrhoea- Absence of menstruation

C. Dysmenorrhoea-Irregularity of menstruation

D. Oligomenorrhoea-Painful menstruation

**Answer:**



**Watch Video Solution**

**3. Fimbriae are present in the edges of**

A. Infundibulum

B. Ovary

C. Isthmus

D. Oviduct

**Answer:**



**Watch Video Solution**

**4. What are hormone releasing IUDs?**

A. Progestasert and LNG-20

B. Cu T-380 A

C. Cu T and Cu T 380 Ag

D. Multiload 375

**Answer:**



**Watch Video Solution**

5. ZW-ZZ system of sex determination occurs in

A. Fishes

B. Reptiles

C. Birds

D. All of these

**Answer:**



**Watch Video Solution**

6. Which of the following is the correct sequence of event with reference to the central dogma?

A. Transcription, Translation, Replication

B. Transcription, Replication, Translation

C. Duplication, Translation, Transcription

D. Replication, Transcription, Translation

**Answer:**



**Watch Video Solution**

7. Lac operon consists of

A. Three structural genes and one regulator gene

B. One regulator gene and one structural gene

C. Four structural gene

D. One regulator gene and two structural genes

**Answer:**



**Watch Video Solution**

**8. Modern man belongs to which period ?**



A. Quaternary

B. Cretaceous

C. Silurian

D. Cambrian

**Answer:**



**Watch Video Solution**

**9. Select Hardy-Weinberg equation**

A.  $2(p + q)^2 = p^2 + 4pq + q^2$

$$\text{B. } (p + q)^2 = p^2 + 2pq + q^2$$

$$\text{C. } (p + q) = p^2 + 2pq + q^2$$

$$\text{D. } p^2 + q^2 = 2p + 2pq + q^2$$

**Answer:**



**Watch Video Solution**

**10.** Person with Klinefelter's syndrome have

A. 44 AA + XO chromosomes

B. 44 AA + XXY chromosomes

C. 45 AA + XYY chromosomes

D. 43 AA+XO chromosomes

**Answer:**



**Watch Video Solution**

**11.** Which type of reproduction is effective -Asexual or sexual and why?



**Watch Video Solution**

**12.** Write the functions of the cells that secrete inhibin.



**Watch Video Solution**

**13.** The procedure of GIFT involves the transfer of female gametes into the fallopian tube, can gametes be transferred to the uterus to achieve the same result? Explain.



**Watch Video Solution**

**14.** Define surrogacy.



**Watch Video Solution**

**15.** How are Mendelian disorders transmitted?



**Watch Video Solution**

**16.** How are Mendelian disorders caused?



**Watch Video Solution**

**17.** What are holandric genes?



**Watch Video Solution**

**18.** From their examination of the structure of DNA, What did Watson and Crick infer about the probable mechanism of DNA replication, coding capability and mutation?



**Watch Video Solution**

**19.** Differentiate - Template strand and coding strand.



**Watch Video Solution**

**20.** Human egg has no yolk. However human embryo develops an yolk sac. Justiy.



**Watch Video Solution**

21. Which theory states that life arose from pre-existing life. Explain.



**Watch Video Solution**