

CHAPTER TEST -1
BIO-ZOOLOGY

Std / Dept : 12

Time Allowed : 40 MIN

Max. Marks : 20

MULTIPLE CHOICE QUESTION

5 * 1 = 5

1. The mode of sexual reproduction in bacteria is by
 - a) Formation of gametes
 - b) Endospore formation
 - c) Conjugation
 - d) Zoospore formation
2. In which type of parthenogenesis are only males produced?
 - a) Arrhenotoky
 - b) Thelytoky
 - c) Amphitoky
 - d) Both a and b
3. In which mode of reproduction variations are seen
 - a) Asexual
 - b) Parthenogenesis
 - c) Sexual
 - d) Both a and b
4. Assertion : In bee society, all the members are diploid except drones.
Reason : Drones are produced by parthenogenesis.
 - a) If both A and R are true and R is correct explanation for A
 - b) If both A and R are true but R is not the correct explanation for A
 - c) If A is true but R is false
 - d) If both A and R are false
5. Assertion : Offsprings produced by asexual reproduction are genetically identical to the parent.
Reason : Asexual reproduction involves only mitosis and no meiosis.
 - a) If both A and R are true and R is correct explanation for A
 - b) If both A and R are true but R is not the correct explanation for A
 - c) If A is true but R is false
 - d) If both A and R are false

VERY SHORT ANSWER

2 * 2 = 4

6. Which type of reproduction is effective - Asexual or sexual and why?
7. What is parthenogenesis? Give two examples from animals.

SHORT ANSWER

2 * 3 = 6

8. Differentiate between Regeneration in lizard and Planaria.
9. How is juvenile phase different from reproductive phase?

LONG ANSWER

1 * 5 = 5

10. Explain the different kinds of syngamy in living organisms.

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CHAPTER TEST - 2
Bio - Zoology

Std: 12

Time Allowed : 40 MIN

Max. Marks : 20

5 * 1 = 5

MULTIPLE CHOICE QUESTION

- The foetal membrane that forms the basis of the umbilical cord is
a) Allantois b) Amnion c) Chorion d) Yolk sac
- The most important hormone in initiating and maintaining lactation after birth is
a) Oestrogen b) FSH c) Prolactin d) Oxytocin
- The male sex hormone testosterone is secreted from
a) Sertoli cells b) Leydig cell
c) Epididymis d) Prostate gland
- The Androgen Binding Protein (ABP) is produced by
a) Leydig cells b) Hypothalamus
c) Sertoli cells d) Pituitary gland
- The site of embryo implantation is the
a) Uterus b) Peritoneal cavity
c) Vagina d) Fallopian tube

VERY SHORT ANSWER

2 * 2 = 4

- What is the composition of semen?
- Define gametogenesis.

SHORT ANSWER

2 * 3 = 6

- Mention the importance of the position of the testes in humans.
- Explain the role of oxytocin and relaxin in parturition and lactation.

LONG ANSWER

1 * 5 = 5

- Explain the various phases of the menstrual cycle.

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CHAPTER TEST 3 BIO-ZOOLOGY

Std / Dept : 12

Time Allowed : 40 MIN

Max. Marks : 20

5 * 1 = 5

MULTIPLE CHOICE QUESTION

1. The approach which does not give the defined action of contraceptive is
 - a) Hormonal contraceptive - Prevents entry of sperms, prevent ovulation and fertilization
 - b) Vasectomy - Prevents spermatogenesis
 - c) Barrier method - Prevents fertilization
 - d) Intra uterine device - Increases phagocytosis of sperms, suppresses sperm motility and fertilizing capacity of sperms
2. Which of the following is correct regarding HIV, hepatitis B, gonorrhoea and trichomoniasis?
 - a) Gonorrhoea is a STD whereas others are not.
 - b) Trichomoniasis is a viral disease whereas others are bacterial.
 - c) HIV is a pathogen whereas others are diseases.
 - d) Hepatitis B is eradicated completely whereas others are not.
3. Which one of the following groups includes sexually transmitted diseases caused by bacteria only?
 - a) Syphilis, gonorrhoea and candidiasis
 - b) Syphilis, chlamydiasis and gonorrhoea
 - c) Syphilis, gonorrhoea and trichomoniasis
 - d) Syphilis, trichomoniasis and pediculosis
4. Identify the correct statements from the following.
 - a) Chlamydiasis is a viral disease.
 - b) Gonorrhoea is caused by a spirochaete bacterium, Treponema palladium.
 - c) The incubation period for syphilis is 2 to 14 days in males and 7 to 21 days in females.
 - d) Both syphilis and gonorrhoea are easily cured with antibiotics.
5. Match column I with column II and select the correct option from the codes given below.

Column I	Column II
A. Copper releasing IUD	(i) LNG-20
B. Hormone releasing	(ii) Lippes loop IUD
C. Non medicated IUD	(iii) Saheli
D. Mini pills	(iv) Multiload-375

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UNIT TEST -1
BIO- ZOOLOGY

Std / Dept : 12

Time Allowed : 60 MIN

Max. Marks : 30

MULTIPLE CHOICE QUESTION

5 * 1 = 5

1. Match column I with column II and select the correct option from the codes given below.

Column I

Column II

A. Copper releasing IUD

(i) LNG-20

B. Hormone releasing

(ii) Lippes loop IUD

C. Non medicated IUD

(iii) Saheli

D. Mini pills

(iv) Multiload-375

a) A-(iv), B-(ii), C-(i), D-(iii)

b) A-(iv), B-(i), C-(iii), D-(ii)

c) A-(i), B-(iv), C-(ii), D-(iii)

d) A-(iv), B-(i), C-(ii), D-(iii)

2. The site of embryo implantation is the
a) Uterus b) Peritoneal cavity c) Vagina d) Fallopian tube
3. The milk secreted by the mammary glands soon after child birth is called
a) Mucous b) Colostrum c) Lactose d) Sucrose
4. Colostrum is rich in
a) Ig E b) Ig A c) Ig D d) Ig M
5. The process which the sperm undergoes before penetrating the ovum is
a) Spermiation b) Cortical reaction c) Spermiogenesis d) Capacitation

VERY SHORT ANSWER

3 * 2 = 6

6. 'Healthy reproduction, legally checked birth control measures and proper family planning programmes are essential for the survival of mankind' Justify.
7. Name an organism where cell division is itself a mode of reproduction.
8. Write the preventive measures of STDs.

SHORT ANSWER

3 * 3 = 9

9. Mention the differences between spermiogenesis and spermatogenesis.
10. Differentiate between External and Internal fertilization.
11. What is colostrum? Write its significance.

LONG ANSWER

5 * 2 = 10

12. What are the strategies to be implemented in India to attain total reproductive health?
13. Describe the major STDs and their symptoms.

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