

Multiple choice questions:

1.) For a migratory bird, its real home is a place

- (i) to which it migrates
- (ii) where it earlier was
- (iii) any of the two
- (iv) none of the two.

Ans: (ii) where it earlier was

2.) Behavioural traits of organisms are controlled by its

- (i) genotype
- (ii) environment
- (iii) interaction of its genotype and environment
- (iv) training by parents.

Ans: (ii) environment

3.) In honey bee (Hymenoptera, Apis) society, the worker castes consist of

- (i) males only
- (ii) females only
- (iii) both males and females together
- (iv) drones.

Ans: (ii) females only

4) In termites, the primary productive male (The king) is characterised by which of the following behaviours

- (i) stays with queen after the nuptial flight
- (ii) dies soon after the nuptial flight
- (iii) dies during mating
- (iv) stays alone without queen.

Ans: (i) stays with queen after the nuptial flight.

5) Migration in birds is set off by increase in the levels of hormones secreted by which endocrine gland

- (i) Adrenal gland (ii) Pituitary
- (iii) Thyroid (iv) Gonads.

Ans: (ii) Pituitary

6) Parental care is more pronounced in fishes which lay

- (i) Large number of eggs
- (ii) small number of eggs
- (iii) moderate number of eggs
- (iv) there is no specific rule.

Ans: (ii) small number of eggs

7) Before going out to gather food, honey bees indulge in one of the following acts

- (i) perform a dance
- (ii) take long rest
- (iii) feed upon royal jelly
- (iv) make many short distance flights

Ans:-> perform a dance

8) The endogenous rhythms the usually fall short of 24 hour periodicity are called

- (i) circannual
- (ii) circadian
- (iii) seasonal
- (iv) lunar

Ans:-> (ii) Circadian

9) Which of the following fishes exhibits a degree of parental care?

- (i) cyprinus carpio
- (ii) catla catla
- (iii) Tilapia sp
- (iv) cirrhinus mrigala

Ans:-> (iii) Tilapia sp

10) Which of the following insects shows social behaviour?

- (i) Locusts
- (ii) Beetles
- (iii) Bugs
- (iv) Termites

Ans:-> (iv) Termites