

3. Choose the most appropriate answer.

(a) Internal fertilisation occurs

(i) in female body.

(ii) outside female body.

(iii) in male body.

(iv) outside male body.

(b) A tadpole develops into an adult frog by the process of

(i) fertilisation (ii) metamorphosis (iii) embedding (iv) budding

(c) The number of nuclei present in a zygote is

(i) none

(ii) one

(iii) two

(iv) four

5. Give two differences between a zygote and a foetus.
6. Define asexual reproduction. Describe two methods of asexual reproduction in animals.

4. Indicate whether the following statements are True (T) or False (F).

- (a) Oviparous animals give birth to young ones. ( )
- (b) Each sperm is a single cell. ( )
- (c) External fertilisation takes place in frog. ( )
- (d) A new human individual develops from a cell called gamete. ( )
- (e) Egg laid after fertilisation is made up of a single cell. ( )
- (f) Amoeba reproduces by budding. ( )
- (g) Fertilisation is necessary even in asexual reproduction. ( )
- (h) Binary fission is a method of asexual reproduction. ( )
- (i) A zygote is formed as a result of fertilisation. ( )
- (j) An embryo is made up of a single cell. ( )