

Topic :- Animal Kingdom

- 1 (c)
Green gland or antennary glands are located in the coxa of antenna in prawn.
- 2 (c)
Tergum is found on the abdomen of cockroach.
- 3 (c)
Cuckoo does not make a nest of its own and lays eggs in the nest of crow to be hatched and the young to be reared. Crows, parrots and sparrow, make their own nest.
- 4 (b)
Amphibians have opisthonephric kidney. *Lepus* is the generic name for hare, it is a solitary animal
- 5 (b)
Fasciola hepatica infects its intermediate host at miracidium stage and its primary host at metacercaria stage.
- 6 (d)
Exocoetus possesses aglomerular kidney.
- 7 (b)
Aedes albopictus is the scientific name of Asian tiger mosquito.
- 8 (b)
In **bilaterally** symmetrical animals, the response to external stimulus is quicker and more precise.
- 9 (b)
Tentacles are present only in animals belonging to class-Tentaculata, while comb plates are unique features of phylum-Ctenophora
- 10 (a)
Three types of body cavity are true coelom, pseudocoelom and haemocoel. In phylum-

Arthropoda and Mollusca a haemocoel is seen, the true coelom is reduced and blood fills the spaces between the viscera

- 11 **(a)**
Prawn (*Palaemon*) belongs to class-Crustacean of phylum-Arthropoda. *Hydra* and sea anemone are coelenterates snail belongs to class-Gastropoda of phylum-Mollusca.
- 12 **(b)**
Due to protandry, self-fertilization does not occur in earthworm. In that case, earthworm testis mature earlier than ovaries which lead to cross fertilization between two worms.
- 13 **(a)**
Pearl is obtained from pearl oyster (*Pinctada vulgaris*), while honey from *Apis indica*, lac from *Kenia lacca* and silk from *Bombyx mori*.
- 14 **(d)**
In rabbit four salivary glands are present, which are:
1.Sublingual
2.Infra orbital
3.Parotid
4.Sub maxillary
- 15 **(d)**
In *Scoliodon* (dog fish), a faint lateral line runs along either lateral side of trunk and tail and over the head region. It contains special receptor organ.
- 16 **(a)**
Dental formula of rabbit is $\frac{2033}{1023} \times 2 = 28$
- 17 **(d)**
Amphids in *Ascaris* are gustatory sensory or **chemoreceptors**, i.e., these excited by chemical changes.
- 18 **(b)**
All the poisonous snakes have poison apparatus in their head. Two maxillary teeth are enlarged, grooved or tubular.
- 19 **(c)**
When living organisms emit light this property is called bioluminescence. This is usually

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seen in animals belonging to phylum-Ctenophores. *Ctenoplana* belongs to phylum-Ctenophores. Phylum-Coelenterata and Cnidaria do not exhibit bioluminescence

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(a)

Bee wax is a real product of honey bee as it is secreted by hypodermal glands of worker bees. It is used in polishes, churches, modelling and to wax the thread.

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| ANSWER-KEY | | | | | | | | | | |
|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Q. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| A. | c | c | c | b | b | d | b | b | b | a |
| | | | | | | | | | | |
| Q. | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| A. | a | b | a | d | d | a | d | b | c | a |
| | | | | | | | | | | |

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