

Topic :- Animal Kingdom

- 1 **(d)**
In **biradial** symmetry, the body can be divided into two similar halves by one or two vertical planes only, *e.g.*, sea anemones. The animals, which show radial and biradial symmetry have oral and aboral sides.
- 2 **(b)**
The house fly is characterized by one pair of wings, **sponging** and lapping types of mouth parts and short antennae.
- 3 **(a)**
Zoological name of common Indian krait is *Bungarus caeruleus*. Kraits are highly poisonous snake.
- 4 **(d)**
Fasciola hepatica (Sheep liver fluke) belongs to phylum-Platyhelminthes. These worms have incomplete alimentary canal, there is a single opening for both digestion and egestion. This is also called as blind sac body plan.
- 5 **(a)**
Lophomonas is the cellulose digesting zooflagellate found in wood cockroach.
- 6 **(c)**
Spiracles are 10 in number, out of these 2 pairs are found in thoracic portion, while rest 8 pairs are found in abdominal portion.
- 7 **(b)**
Phylum-Mollusca lack Malpighian tubules, instead have feather like gills in the mantle cavity that are useful for respiration and excretion
- 8 **(a)**
Down feathers are found only in newly hatched birds, its the first feathery covering on the body which provide insulation to new hatched ones

- 9 **(a)**
Abdomen of adult consists of 10 segments, while embryo has 11 segments.
- 10 **(b)**
Class-Cyclostomata includes round mouthed fish like lampreys (*Petromyzon*) and hags (*Myxine*)
- 11 **(c)**
In mammals the teeth are heterodont (*i.e.*, consists of incisors, canines, premolar and molars) thecodont (in sockets of jaw bones). The brain has 12 pair of cranial nerves.
- 12 **(d)**
Most members of phylum-Platyhelminthes are endoparasites characterised by the presence of hooks and suckers for attachment inside the host
- 13 **(c)**
The submaxillary and submandibular glands of rabbit are the largest salivary glands. They are found near the angles of mandible. Their large duct that is **Wharton's duct** open just behind the lower incisors.
- 14 **(d)**
Petromyzon belongs to class-Cyclostomata. Cyclostomata are aquatic, marine or freshwater vertebrates.
- 15 **(b)**
Ctenoplana belongs to phylum-Ctenophora. Reproduction in all the animals belonging to phylum-Ctenophora takes place by sexual reproduction only
- 17 **(a)**
Maxillae are appendages of 5th head segment and known as first pair of maxillae. The first maxillae of cockroach has biramous structure, with protopodite containing cardo as its basal portion alongwith **stipes** articulated at 90°. Stipes bear a five jointed expedite or maxillary palp towards outside (its basal podomer called **palpifer**) and endopodite towards inside, with two closely placed podomeres called **galea** and **lacinia**.
- 18 **(b)**
Ornithorhynchus anatinus (Duck-billed platypus) is a monotreme mammal, which belongs to sub-class-Prototheria (primitive egg laying mammals), order-Monotremata (living prototherians).

- 19 **(d)**
Echinoderms are characterized by the presence of a well developed water vascular system (a system of water filled canals) which provides *Hydraulic* power for thousands of tube feet which are sac like protrusions of body wall used for locomotion, feeding and respiration.
- 20 **(d)**
All the snakes mentioned are poisonous snakes

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

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