

## MDCAT Biology Chapter 4 MCQ's Test

Sr	Questions	Answers Choice
1	Which of the following has chitinous cuticle in the exoskeleton	A. Arthropoda B. Porifera C. Echinodermata D. Annelida
2	Radial symmetry is present in	A. Adults of annelida B. Adults of echinodermata C. Adults of Cnidaria D. Both B and C
3	Common housefly is involved in spread of all diseases except	A. Hepatitis B. Malaria C. Dysentery D. Cholera
4	Highest degree of regeneration is present in sponges because of	A. Undifferentiated cells B. Simplest organization C. Ability to reproduce D. Absence of germ layers
5	Parapodia are organs of locomotion in .....	A. Leech B. Planaria C. Earthworm D. Neries
6	The cells absent in sponges are	A. Chondrocytes B. Pinacocytes C. Choanocytes D. Archeocytes
7	Circulatory system is open type in all of the following, EXCEPT	A. Arthropoda B. Bivalvia C. Gastropoda D. Cephalopoda
8	Which of the following is a distinguishing character of sponges	A. Tentacles B. Ceoleteron C. Choanocytes D. Calcareous skeleton
9	Is is universally accepted by biologists that mammals have evolved from reptilian ancestors called .....	A. Cotylosaurs B. Dinosaurs C. Cotylostomata D. Amphibians
10	The larva formed during the life cycle of Annelida is	A. Glochidium larva B. Bipinnaria larva C. Trochophore larva D. Tornaria larva
11	Which characteristic is common in both cnidarians and flatworms	A. Digestive system with a single opening B. Dorsoventrally flattened bodies C. Radial symmetry D. Flame cells
12	Phylum of asymmetrical animals is	A. Nematoda B. Platyhelminthes C. Cnidaria D. Porifera
13	Protostomes and deuterostomes do not differ in	A. Type of cleavage B. Origin of mouth and anus C. Number of germ layers D. Mode of coelom formation
14	Which of the following is true about mesoglea	A. Acellular B. Mesodermal C. Cellular D. Multicellular

A. Cnidaria

15	A group of animals with distinct germinal layers in adult stage are grouped in	B. Arthropoda C. Aschelminthes D. Platyhelminthes
16	Animals involved in the construction of corals are	A. Polyps B. Medusae C. Gonozooids D. None
17	In deuterostomes mesoderm is derived from wall of developing	A. Coelom B. Heart C. Archenteron D. Blastopore
18	Which of the following group of animals is a link between aquatic and terrestrial animals?	A. Fish B. Amphibians C. Reptiles D. Birds
19	Which one of following structures is formed from mesoderm?	A. Intestinal lining B. Muscles C. Skin D. Brain
20	An organism of the lineage of animals in which the blastopore of the developing embryo becomes the anus, while a second opening becomes the mouth called:	A. Triploblastic B. Protostome C. Diploblastic D. Deuterostome