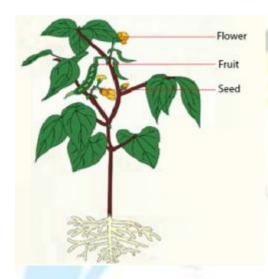
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- a) Cone of angiosperm and flower of gymnosperm.
- b) Cone and flower of a Gymnosperm.
- c) Cone and flower of an Angiosperm.
- 16) A student carefully observes the parts labeled in the given diagram and classifies the plant correctly as ______.



- a) A Pteridophytes
- b) A Bryophyte
- c) An Angiosperm
- d) A Gymnosperm

Answer	0.31	The state of the s			
1.c	2.b	3.a	4.b		
5.b	6.c	7.a	8.c		
9.a	10.a	11.b	12.a		
13.a	14.a	15.d	16.c		

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Class IX Science Ch-07 Diversity in Living Organisms CBSE Experiment Based Test Paper with solution-3

1)	What are vertebrates?	

- a. Animal species that do not have a backbone or spinal column.
- b. Animal species that have a backbone or spinal column.
- c. None of these
- d. Animal species that do not have bones.
- 2) Which of the following is an incorrect characteristic of an earthworm?
 - a. Chitinous exoskeleton to protect it.
 - b. Moist skin which prevents soil from sticking to it.
 - c. A true coelom with a well developed digestive system.
 - d. Setae which help it to attach to a surface.
- 3) Animal species in the laboratory are generally stored in
 - a. Formalin
 - b. Acetone
 - c. Alcohol
 - d. Water
- How many chambers are present in the heart of fishes and birds? 4)
 - a. Two chambers in fishes and four chambers in birds.
 - b. Two chambers in both.
 - c. Two chambers in birds and four chambers in fishes.
 - d. Four chambers in both.
- 5) Which of the following has an air bladder?
 - a. Snake
 - b. Cartilaginous fish
 - c. Frog
 - d. Bony fishes
- 6) Given below are four organisms A, B, C and D. Which organisms have common features which place them in the phylum? (A) Earthworm (B) Cockroach (C) Bony fish (D) Birds
 - a. B and C
 - b. A and B
 - c. C and D
 - d. B and D
- 7) A cockroach is _
 - a. Detrivorous
 - b. Omnivorous

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- c. Herbivorous
- d. Carnivorous
- 8) A specimen of a fish was given to students to identify the externally visible chordate feature in it. What would the students look for?
 - a) Notochord
 - b) Post anal tail
 - c) Dorsal tubular nerve chord
 - d) Operculum
- 9) In a bony fish, how are the gills covered?
 - a. Covered with scales.
 - b. Exposed.
 - c. Covered with operculum.
 - d. Covered with pectoral fin.
- 10) Which of the following is not clearly visible in birds?
 - a. Forelimbs
 - b. Hind limbs
 - c. Head
 - d. Eyes
- 11) Which of the following is an incorrect adaptation for birds?
 - a. The muscles are well developed which helps them to fly.
 - b. The forelimbs are modified into wings for flying in air.
 - c. The hind limbs are adapted to walk, swim and hold food.
 - d. Its body is covered with scales which prevent decay due to water.
- 12) Observe the pictures of a bird and a bony fish. What is the feature that places them in the same phylum?





- a. Bulky thorax
- b. Post anal tails
- c. Pointed head
- d. Presence of scales
- 13) Observe the pictures of the honeybee and cockroach. What is the common feature that assigns them to the same phylum?

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- a. Three pairs of legs
- b. Jointed appendages
- c. Wings
- d. Antennae
- 14) Which describes amphibian animals?
 - a. Live only on land.
 - b. Live only in water.
 - c. Live only in air.
 - d. Live both on land and in water.
- 15) Which of the following is an incorrect characteristic of a cockroach?
 - a. The head has a pair of long sensitive antennae which help it to smell food.
 - b. Dark brown colour which help it to hide in dark spaces.
 - c. Setae which help it to attach to a surface.
 - d. Flattened body which helps it to squeeze in to narrow spaces.
- 16) Among the following which one is not the member of Arthropoda?
 - a. Cockroach
 - b. Octopus
 - c. Mosquito
 - d. Spider

1.b	2.a	3.a	4.a
5.d	6.c	7.b	8.b
9.c	10.a	11.d	12.b
13.b	14.d	15.b	16.c