

- a) Cone of angiosperm and flower of gymnosperm.
- b) Cone and flower of a Gymnosperm.
- c) Cone and flower of an Angiosperm.
- d) Cone of gymnosperm and flower of 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			
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

- 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
- 4) How many chambers are present in the heart of fishes and birds?
  - 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

- 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?



- 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