



VIDYA BHARATI SCHOOL
Science Olympiad Class IX (December 2017)

Q1: Pneumatic bones is an important characteristic of:

- (a) reptiles (b) amphibians
(c) aves (d) mammals

Q2: Earthworm is:

- (a) bisexual with self fertilization (b) bisexual with cross-fertilization
(c) unisexual with cross-fertilization (d) none of these

Q3: Which one is a true fish?

- (a) Jellyfish (b) Starfish
(c) Dogfish (d) Silverfish

Q4: Which of the following is not an aerial adaptation of a bird?

- (a) Presence of strong flight muscles (b) Presence of vertebral columns
(c) Streamlined body (d) Forelimbs modified into wings

Q5: Which of the following is a group of invertebrate animals?

- (a) mammalia (b) pisces
(c) reptilian (d) arthropods

Q6: Which of the following is a flightless bird?

- (a) penguin (b) ostrich
(c) kiwi (d) all of these

Q7: On what basis living organisms are classified done?

- (a). appearance and behavior (b). colour of living organism.
(c). life span of living organism. (d). form and function.

Q8 What are the main characteristics of a hierarchical classification?

- (a). nature of cells/cell of the organism. (b). division of labour of cells.
(c). body design (d). way of reproduction

Q9) Which region is called the region of "MEGADIVERSITY"?

- (a). region near north pole. (b). region near arctic circle.
(c). region near antarctic circle. (d). region between tropic of cancer and capricorn.

Q10) Who was the father of Taxonomy?

- (a). Theophrastus (b). Carolus Linnaeus
(c). Aristotle (d). Robert Wittaker.

Q11) Which is the right order?

- (a). kingdom/phylum/class/order/family/genus/species.
(b). phylum/order/family/genus/species/ kingdom/class.
(c). species/genus/family/order/class/phylum/kingdom.
(d) order /family/ phylum/species/ kingdom/class/genus.

Q12) The 5 kingdoms are :

- (a). Protista ,fungi, plantae, porifera, annelida
- (b). monera ,Protista ,fungi, plantae, animalia
- (c). monera ,protista,fungi,plantae,nematoda.
- (d).annilida, nematoda.,porifera,monera ,protista,

Q13) Who defined the idea of evolution that is closely related to the classification of life forms?

- (a). Theophrastus (b). Carolus Linnaeus
- (c). Aristotle (d). Charles Darwin

Q14). Mosses are bryophytes which are characterized by

- (a) Dominant sporophytic phase
- (b) Dominant gametophytic Phase
- (c) Unicellular sex organs
- (d) Heterorophic mode of nutrition

Q15). The sporocarp of Agaricus shows the presence of

- (a) Fins (b) Gills (c) Tail (d) Scales

Q16). Cells of Spirogyra possess

- (a) Spindle-shaped chloroplasts (b) Collar-shaped chloroplasts
- (c) Pyrenoid (d) Star-shaped chloroplasts

Q17). A branch of Pinus bears cluster of cones. Select the correct statement

- (a) The male cones of Pinus occur in clusters
- (b) The female cones of Pinus occur in clusters
- (c) The plants of Pinus are unisexual
- (d) Both male and female cones of Pinus occur in clusters.

Q18). Angiosperms possess

- (a) Flowers (b) True vessels (c) Tracheids (d) Seeds

Q19). Agaricus is a fungus. It reproduces by producing

- (a) Conidiospores (c) Uredospores (c) Basidiospores (d) Ascospores

Q20). You are shown a slide of longitudinal section of male cone of Pinus. You can observe

- (a) Megaspores filled inside the sporangia
- (b) Seeds attached to megasporophylls
- (c) Winged pollen grains in microsporangia

*For more practice material please click:www.brilliant.org;www.sofolympiadtrainer.com;
www.olympiadhelper.com