



Roll No. \_\_\_\_\_ (To be filled in by candidate)

Paper Code	2	4	6	1
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**Biology** (Objective Type)

Sessions; 2015-2017, 2016-2018 &amp; 2017-2019

Time: 20 Minutes

Rwp-11-18

Marks: 17

NOTE: Write answers to the questions on the objective answer sheet provided. Four possible answers

A, B, C and D to each question are given. Which answer you consider correct, fill the corresponding circle A, B, C or D given in front of each question with Marker or pen ink on the answer sheet provided.

1.1. Which one is a trace element?

- (A) Calcium (B) Chlorine (C) Zinc (D) Phosphorus

2. Keratin is an example of Fibrous protein present in:

- (A) Blood (B) Muscle (C) Bones (D) Nail and Hair

3. The detachable co-factor of an enzyme is known as:

- (A) Activator (B) Prosthetic group (C) Co-enzyme (D) Apo-enzyme

4. Tay-sach's disease results due to accumulation of:

- (A) Proteins (B) Lipids (C) Glucose (D) DNA

5. The infectious proteins are:

- (A) Viruses (B) Virions (C) Prions (D) Peptones

6. Reserve food material in cyanobacteria is:

- (A) Starch (B) Glycogen (C) Fats (D) Glycerol

7. The feeding stage of slime mold is called:

- (A) Plasmodium (B) Pseudopodium (C) Endocytosis (D) Seizing

8. The most common rust fungi are:

- (A) Ustilago (B) Puccinia (C) Yeast (D) Penicillium

9. Living genus of psilopsida is:

- (A) Cooksonia (B) Psilophyton (C) Horneophyton (D) Psilotum

10. Portuguese man of war is the name used for:

- (A) Physalia (B) Obelia (C) Hydra (D) Aurelia

11. The largest invertebrate animal is:

- (A) Dogfish (B) Cuttle fish (C) Giant Squid (D) Octopus

12. The first step in Krebs cycle is the union of acetyl COA with oxaloacetate to form:

- (A) Isocitrate (B)  $\alpha$ -Ketoglutarate (C) Citrate (D) Malate

13. Plastocyanin protein contains:

- (A) Iron (B) Copper (C) Magnesium (D) Potassium

14. Hepatic and pancreatic secretions are stimulated by a hormone called:

- (A) Secretin (B) Gastrin (C) Zymogen (D) Parietal

15. The number of air sacs in most birds are:

- (A) 06 (B) 07 (C) 08 (D) 09

16. Guttation occurs in plants through:

- (A) Cuticle (B) Hydathodes (C) Lenticels (D) Stomata

17. Discharge of Blood from blood vessel is called as:

- (A) Stroke (B) Heart attack (C) Thrombosis (D) Haemorrhage