

Step Academy official

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STUDENT NAME	
PAPER CODE	42963
TIME ALLOWED	60
Paper Date	01-02-2026



CLASS	New 1st Year (FSC/ICS)
SUBJECT	Biology
TOTAL MARKS	40
Paper Type	

Q1. Choose the correct answer.

5X1=5

1. The wall of fungi in domain Eukarya is made of:

- (A) Cellulose (B) Peptidoglycan (C) Chitin (D) Glycogen

2. Which taxonomic rank is the highest?

- (A) Species (B) Genus (C) Domain (D) Kingdom

3. Echinoderm adults exhibit:

- (A) Bilateral symmetry (B) Radial symmetry (C) Asymmetry (D) No symmetry

4. Which of these shows asexual reproduction by division and regeneration?

- (A) Insects (B) Spiders (C) Echinoderms (D) Crustaceans

5. Which chordates retain pharyngeal slits as gills?

- (A) Mammals (B) Amphibians (C) Amphioxus and fishes (D) Reptiles

Q2. Write short answers of the following questions.

5X2=10

1 . Who proposed the three-domain system of classification and what are the three domains?

2 . Which kingdom includes both autotrophs and heterotrophs or a combination?

3 . How do flatworms reproduce?

4 . How do molluscs move?

5 . How is the coelom of arthropods characterized?

Q3. Write detailed answers of the following questions.

2X5=10

1 .
Compare and contrast the domains Archaea and Bacteria and discuss how these differences reflect their evolutionary histories.

2 .

Describe the main characteristics of the kingdoms Protista, Fungi, Plantae, and Animalia. Provide examples for each kingdom.