## MODEL QUESTIONS – ZOOLOGY

1. In human being acromian process is present on:
   1) Sternum 2) Skull 3) Pectoral girdle 4) Pelvic girdle

2. Identify the sequence of leg parts of cockroach from base to tip of the leg
   A) Tibia B) Coxa C) Tarsus D) Femur E) Trochanter
   Correct sequence is
   1) B-A-D-E-C 2) B-E-D-A-C 3) A-D-C-B-E 4) A-C-B-E-D

3. Multiple selection type
   Choose the correct statements with reference to Cephalopods:
   A) Shell may be external and multichambered
   B) It includes Cuttle fishes
   C) Development includes Veliger larva
   D) Blood circulation is open type
   1) All 2) A & B 3) C & D 4) A & D

4. Matching type

| **SET-I** | **SET-II** |
|---|---|
| Scientific names | Common Names |
| A) Pinctada | I) Elephant tusk shell |
| B) Mytilus | II) Sea hare |
| C) Dentalium | III) Pearl Oyster |
| D) Aplysia | IV) Marine mussel |
| | V) Ship worm |

   Identify the correct match between SET-I and SET-II

| | A | B | C | D |
|---|---|---|---|---|
| 1) | III | IV | II | I |
| 2) | III | I | II | V |
| 3) | III | IV | I | II |
| 4) | III | V | II | IV |

5. Statement and Reason type
   Statement (S) During favourable conditions Euglena undergoes longitudinal binary fission.
   Reason (R) Binary fission in Euglena is described as symmetrogenic division as daughter individuals are like mirror images.
   1) Both S and R correct and R is the correct explanation to 'S'.
   2) Both S and R are correct but R is not correct explanation to 'S'.
   3) S is correct but R is not correct.
   4) S is not correct but R is correct.

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