



SARVAJNA & JUSTICE SHIVARAJ PATIL

INDEPENDENT PU COLLEGE OF SCIENCE, KALABURGI/RAICHUR/ YADGIR

Sub : Biology

PUC -I YEAR / UNIT -II

Time : 1 ½ hrs

Date :28-11-2020

TOPIC : ANIMAL KINGDOM

Marks : 35

I. Answer the following questions

1×6=6

- 1) What is a coelom?
- 2) Name the fresh water sponge
- 3) What is the function of cnidoblast cells
- 4) What are flame cells.
- 5) Name an arthropodan which is called living fossil.
- 6) What is Radula.

II. Answer any FIVE of the followings

2×5=10

- 7) Differentiate open type and closed type of circulatory system.
- 8) What is Bioluminescence? Give example.
- 9) Name the respiratory structures of arthropods.
- 10) In which members you come across water vascular system? Write the function of water vascular system.
- 11) Write the difference between Polyp and medusa stage in cnedarians.
- 12) Give an example for dioecious and monoecious annelidans.

III. Answer any Three of the following

3×3=09

- 13) Write the differences between cartilaginous fishes and bony fishes.
- 14) Assign the following structure to the respective phyla/class.
 - (a) Ostia
 - (b) Ctenidia
 - (c) Proboscis
 - (d) Visceral hump
 - (e) Muscular Pharynx
 - (f) Comb plates.
- 15) Write the general characters of class cyclostomata.
- 16) Draw a neat labelled diagram of chordates showing its basic characteristics.

IV. Answer any TWO of the following

5×2=10

- 17) Write the General Characters of Phylum Arthropoda.
- 18) Write the General Characters of Class Mammalia.
- 19) Write the scientific name of the following.
 - (a) Sea urchin
 - (b) Parrot
 - (c) Tree frog
 - (d) Round Worm
 - (e) Sea fan
