Biology Worksheet

Dominick Ronan (1-17), Jon Chin, Joseph Enea

1) Which is the largest phylum recognized today and contains over 1 quintillion alive individuals?

1. Mollusca
2. Arthropoda
3. Cnidaria
4. Nematoda

2) Which phylum contains human beings and all mammals?

1. Chordata
2. Porifera
3. Annelida
4. Nematoda

3) Which two mammals have a very similar respiratory system?

1. Penguins and humans
2. African Male Lions and Penguins
3. African Male Lions and humans
4. None of the above

4) Which mammal(s) has (have) a trachea that splits into two different pathways?

1. African Male Lions and penguins
2. Penguins
3. African Male Lions
4. Humans

5) Which mammal has the most complex and developed respiratory system that we know about today?

1. African Male Lions
2. Humans
3. Penguins
4. None of the above

6) Having pharyngeal slits is a characteristic of which phylum?

1. Chordata
2. Mollusca
3. Porifera
4. Cnidaria

7) Which phylum contains all insects?

1. Platyhelminthes
2. Echinodermata
3. Chordata
4. Arthropoda

8) Which two creatures bring air into the body through spiracles?

1. Insects and crayfish
2. Centipedes and crayfish
3. Insects and centipedes
4. None of the above

9) Which type of animal forms air sacs to store reserve air?

1. Centipedes
2. African Male Tiger
3. Insects
4. Crayfish

10) Which creature has a similar respiratory system to insects, since they both use spiracles and tracheal tubes?

1. Centipedes
2. Crayfish
3. Penguins
4. None of the above

11) Which animal literally breathes the more it moves?

1. Centipedes
2. Penguins
3. Starfish
4. Crayfish

12) Which phylum contains animals that can move in almost every possible way?

1. Arthropoda
2. Echinodermata
3. Mollusca
4. Porifera

13) Which phylum is made up only of marine animals?

1. Porifera
2. Cnidaria
3. Echinodermata
4. Chordata

14) Which sea creature contains dots on its body called papillae?

1. Sea Stars
2. Brittle Stars
3. Sea Cucumbers
4. None of the above

15) Which animal has small sacs called bursae where gas is exchanged?

1. Brittle Stars
2. Sea Cucumbers
3. Sea Stars
4. Humans

16) Which animal extracts water in through their anus?

1. Sea Stars
2. Sea Cucumbers
3. Brittle Stars
4. Humans

17) Which is a characteristic of the Echinodermata phylum?

1. Being a wide variety of colors
2. Having symmetry
3. Have shells covered by skin
4. All of the above
5. None of the above

18) How many species are classified into the Mollusca Phylum?

19) What part of a mollusk contains all of its body parts?

20) Which part of a mollusk attaches the shell to a mollusk? What else does it cover?

21) List the animals on the page that are sessile. What does this mean?

22) Describe the pneumostrome. Which animal can it be found in?

23) Describe how mussels breathe.

24) What location are sponges usually found? How far back do they pre-date?

25) Name and describe the sponge that can grow the largest. How does it breathe?

26) What is the smallest unit of a sponge that helps move water inside of it?

27) What are the pores found in sponges called? Do they play a major role in the respiratory system?

28) Are sponges sessile? If so, when do they become sessile?

29) What basic body form does the jellyfish use?

30) Is a jellyfish in full contact with water when it is surrounded by it? If so, why wouldn’t a jellyfish die?

31) Do Cnidaria members have a nervous system? Explain.

32) What is the coelenteron? What animal is it found in?

33) How do coral breathe?

34) Which animals in this phylum are sessile? What group can they also be referred to?

35) What type of nervous system do Platyhelminthes have?

36) How do Planaria breathe and what features of their body allow them to do so?

37) What part of the body do Planaria breathe fro

* 1. Mouth
  2. Skin
  3. Tail
  4. None

38) How do turbellaria breathe?

39) Give an example of three types of nematods.

40) What is a nematode?

41) Describe the hookworm.

42) What layered cuticle does the Hookworm secrete that helps the body from drying out?

1. pepsi
2. water
3. keratin
4. gelatin

43) Where do pinworms breathe through?

1. feet
2. body walls
3. mouth
4. arms

44) What type of gas does the whipworm take in?

45) How does the whipworm take that gas in?

46) What organs help with detecting ligh intensity temperature and vibration in leeches?

47) True/False: Earthworms breathe through their lungs.

48) What family are ragworms part of?

49) How do ragworms breathe?

50) Describe Annelids.