



## Question Paper For Practice Test Chemistry, Biology, Mathematics

**Question:- 1** Which of the following is not found in Hydra?

- (A) Epithelio-muscular cells
- (B) Cnidocyte
- (C) Choanocyte
- (D) Nerve cells

**Question:- 2** Which of the following is colourless Hydra?

- (A) Hydra fusca
- (B) Hydra viridis
- (C) Hydra oligactis
- (D) Hydra vulgaris

**Question:- 3** 'Portuguese man of war' is -

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

**Question:- 4** The nitrogenous metabolic waste in Hydra is mostly -

- (A) Ammonia and is removed from whole surface of body

- (B) Urea and is removed mainly by tentacles
- 
- (C) Urea and is removed from whole surface of body
- 
- (D) Uric acid and is removed from whole surface of body
- 

**Question:- 5** Nematoblasts of Hydra are -

- (A) Sensory
- 
- (B) Complicated
- 
- (C) With nematocyst apparatus
- 
- (D) All of the above
- 

**Question:- 6** Highest degree of polymorphism is found in -

- (A) Protozoa
- 
- (B) Cnidaria
- 
- (C) Platyhelminthes
- 
- (D) Arthropoda
- 

**Question:- 7** The poisonous fluid present in nematocyst of Hydra is -

- (A) Venom
- 
- (B) Haematin
- 
- (C) Toxin
- 
- (D) Hypnotoxin
- 

**Question:- 8** Biradial symmetry and lack of cnidoblasts are the characteristics of -

- (A) Starfish and sea anemone
- 
- (B) Ctenoplana and Beroe
-

(C) Aurelia and Paramecium

(D) Hydra and starfish

**Question-: 9** The response to external stimulus is quicker and more precise in which of the following symmetry?

(A) Radial

(B) Bilateral

(C) Spherical

(D) Biradial

**Question-: 10** Members of phylum-Porifera are -

(A) Exclusively marine animals

(B) Exclusively freshwater animals

(C) Mostly freshwater animals but few are marine animals

(D) Mostly marine animals but few are freshwater animals

**Question-: 11** Classification of sponges is primarily based on the -

(A) Body organization

(B) Body plan

(C) Skeleton

(D) Canal system

**Question-: 12** In Leucosolenia, gametes develop from -

(A) Amoebocytes

(B) Archaeocytes

(C) Choanocytes

(D) Myocytes

**Question-: 13** An animal without anus is -

(A) Unio

(B) Pheretima

(C) Fasciola

(D) Periplaneta

**Question-: 14** The term 'species' was coined by

(A) Aristotle

(B) Engler

(C) John Ray

(D) Linnaeus

**Question-: 15** Huxley is father of

(A) Classical taxonomy

(B) Artificial taxonomy

(C) Neo-taxonomy

(D) Adansonian taxonomy

**Question-: 16** In which kingdom, would you classify the archaea and nitrogen-fixing organisms, if the five-kingdom system of classification is used.

(A) Protista

(B) Monera

(C) Plantae

(D) Fungi

**Question-: 17** The replacement of two kingdom grouping by five kingdom classification was proposed in the year

**Question-: 18** Ionic radii are

- (A) Directly proportional to square of effective nuclear charge
- (B) Inversely proportional to effective nuclear charge
- (C) Inversely proportional to square of effective nuclear charge
- (D) Directly proportional to effective nuclear charge

**Question-: 19** For electron affinity of halogens which of the following is correct

**Question-: 20** For electron affinity of halogens which of the following is correct

**Question-: 21** For electron affinity of halogens which of the following is correct

**Question-: 22** The pair of amphoteric hydroxide is

- (A)  $\text{Al(OH)}_3$  ,  $\text{LiOH}$
- (B)  $\text{Be(OH)}_2$  ,  $\text{Mg(OH)}_2$
- (C)  $\text{B(OH)}_3$  ,  $\text{Be(OH)}_2$
- (D)  $\text{Be(OH)}_2$  ,  $\text{Zn(OH)}_2$

**Question-: 23** Which of these have no unit

- (A) Electronegativity
- (B) Electron affinity
- (C) Ionisation energy
- (D) Excitation potential

**Question-: 24** Ionization energy of nitrogen is more than oxygen due to

**Question-: 25** Ionization energy of nitrogen is more than oxygen due to

**Question-: 26** Ionization energy of nitrogen is more than oxygen due to

- (A) Increased attraction of electron towards nucleus
- (B) Extra stability of half filled p orbital
- (C) Small size of N<sub>2</sub>
- (D) None of the above

**Question-: 27** Among the following which is the strongest oxidising agent ?

- (A) F<sub>2</sub>
- (B) Br<sub>2</sub>
- (C) I<sub>2</sub>
- (D) B<sub>2</sub>O<sub>3</sub>

**Question-: 28** The total number of three-digit numbers, divisible by 3, which can be formed using the digits 1, 3, 5, 8, if repetition of digits is allowed, is:

**Question-: 29** The total number of three-digit numbers, divisible by 3, which can be formed using the digits 1, 3, 5, 8, if repetition of digits is allowed, is:

**Question-: 30** For The number of ways of dividing 15 men and 15 women into 15 couples, each consisting of a man and a woman, is

- (A) For The number of ways of dividing 15 men and 15 women into 15 couples, each consisting of a man and a woman, is
- (B) For The number of ways of dividing 15 men and 15 women into 15 couples, each consisting of a man and a woman, is
- (C) For The number of ways of dividing 15 men and 15 women into 15 couples, each consisting of a man and a woman, is
- (D) For The number of ways of dividing 15 men and 15 women into 15 couples, each consisting of a man and a woman, is