

Class XII Biology Sample Paper Bihar Board

(General Instructions) :

All Questions are compulsory

There is *No negative marking* for any wrong answer.

Questions are in two sections

SECTION-I

(OBJECTIVE QUESTIONS) [28 Mark

Instruction : Q. No. 1 to 22 : In the following questions there are only one correct answer.

You have to choose that correct answer.

1- Protista consists of

- (a) Heterotrophic organism
- (b) Photoautotrophs
- (c) Chemoautotrophs
- (d) All of the above.

2- Contractile vacuole does not occur in

- (a) Slime moulds
- (b) sporozoa
- (c) Sarcodina
- (d) Zooflagellata.

3- Lateral roots develop from

- (a) Epidermis
- (b) Cortex
- (c) Endodermis
- (d) Pericycle.

4- Bull Frog of India is

- (a) Rana Tigerina
- (b) Rana Esculenta
- (c) Rana sylvatica
- (d) All of above.

5- Ligaments connect

- (a) Muscle to Muscle
- (b) Muscle to skin
- (c) Bone to Bone
- (d) Muscle to bone

6- Ribosomes are synthesized in

- (a) Nucleoplasm
- (b) Nucleolus
- (c) Golgi apparatus



(d) Cytoplasm.

7- Lactose is

- (a) Fructose + Fructose
- (b) Glucose + Glucose
- (c) Glucose + Fructose
- (d) Glucose + Galactose

8- Ph. of gastric juice is

- (a) 15 - 30
- (b) 5.0 - 6.8
- (c) 7.0 - 9.0
- (d) 6.0 - 8.0

9- Bile are

- (a) Steroids
- (b) Carbohydrate
- (c) Protein
- (d) Vitamines

10- Number of Milk - teeth in an infant is

- (a) 12
- (b) 20
- (c) 32
- (d) 46

Instructions : Q. No. 11 to 15 In the following questions there are two statements. Statement- I follows Statements-II. You have to go through these statements and mark your answer from the given questions.

- (a) If both the statement are true & statement II is the correct explanation of Statement - I.
- (b) If both the statement are true & statement- II is not correct explanation of statement - I.
- (c) f statement - I is true and statement - II is false.
- (d) If statement - I is false & statement - II is true.

11- **Statement I**–The process of reproduction does not suffer if one ovary is removed.

Statement II–The other ovary enlarge to take over the function of missing one.

12- **Statement I**–Entomophilous plants produce less pollen when compared to anemo-philous plants.

Statement II–The wastage of pollen is reduced to minimum Entomophilous plants bec ause of the directional pollination.

13**Statement I**– Dichogamy refers to maluration of male & female sex - organ at different temes.

Statement II–This is a safeguard against cross-Pollination.

14-**Statement I**–In mutualism both the individuals are benefitted.

Statement II–Both individual are benefitted by the association but their relationship are not obligatory.

15-**Statement I**–Phloem is the main conducting tissue.

Statement II–Phloem does the function of conduction of water.

Instructions : Question No. 16 to 18 In the following question there may be more than one correct answer. You have to mark all the correct options.

16-Mosses have

- (a) Radial symmetry
- (b) Scales absents
- (c) Sex organ develop capically
- (d) None of these.

17 Pneumonia is caused by

- (a) Trichophyton
- (b) Epidermophyton
- (c) Streptococcus pneumoniae
- (d) Haemophilus influenzae.

18- Tuberous roots are used for vegetative propagation in following plants.

- (a) Asparagus (b) Dahlia (c) Pea (d) Ground nut

Instructions : Question No. 19 to 22 In the following questions there are two columns the

columns - I contains 4 questions, you have to watch the correct options.

Column-I Column-II

19- (Cisternae) (a) (Campylo trophyde)

20- (Vule) (b) (Columnar all)

21-(Ploem) (c) (Sileve cells)

22- (Elongated Nucleus) (d) Mitochondria)

Instructions : Question No. 23 to 25 In the following questions followed by a paragraph, you have to go through the paragraphs & then answer the given questions from given choices.

Balance diet, personal hygiene & regular exercise are very important in maintaining good health. Yoga has been practised since time immemorial to achieve physical & mental health.

Awareness about disease & their effect on different body functions. Vaccination against infection disease, proper disposal of waste, control of vector & maintenance of hygienic food & water resources are necessary for achieving good health.

23- Personal hygiene stands for

- (a) Balance diet
- (b) taking exercise

- (c) To keep one self neat and clean.
- (d) To maintain good health.

- 24- Control of vector can be achieved by
- (a) Immunisation
 - (b) take regular exercise
 - (c) By proper disposal of
 - (d) Waste & taking contaminated food diase.
 - (d) To make aware about disease.

- 25- Balance diet in one which contains :
- (a) high protein
 - (b) enriched with mineral
 - (c) Contains all the nutrients in propertion.
 - (d) Can be digested easily.

ON-II

NON-OBJECTIVE QUESTIONS) [42 Mark]

(Short Answer questions) :

Instruction : Q. No. 1 to 11 are Short Answer Type Questions. Every question is of 2 marks each.

1- Enumate 5 features of kingdme Monera ?

2- Describe five feature of Kingdome Fungi ?

3- Define radia symmetry.

4- Define viripary ?

5- Who is father of Microbiology ?

6- What is Micrococcus ?

7-Define alage ?

8- What are diatomnes

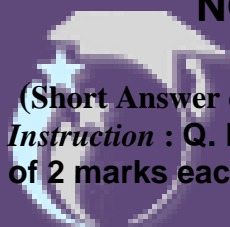
9- What are buds ? Enumerate their types;.

10- Write a note on blood platelets

11- Distignish between Tender & legaments ?

(Long Questions) : [3 × 5 = 15]

Instructions : Question No. 12 to 15 are long water type carrying 05 marks.



Success Comes in Way...

12- List the important function of blood plasma ?

13- Sketch the reproductive system of Cockroach and label in properly.

14- List ten important function of cell membrane.
Or, Describe ultra structure & function of Nucleus.

15- How many total ATP Molecule are generated from one Mole glucose in glycolytic Pathway.
Or, Describe Krebs Cycle ?

