

نوٹ: ہر سوال کے چار ممکنہ جوابات A, B, C اور D دیے گئے ہیں۔ جوابی کارٹی پر ہر سوال کے سامنے دیے گئے دائروں میں سے درست جواب کے مطابق صحیح دائرہ لگا کر اپنا جواب دینا ہے۔ ایک سے زیادہ دائروں کو پر کرنے یا کاٹ کر پر کرنے کی صورت میں مذکورہ جواب غلط تصور ہوگا

- 1- In how many groups biomolecules are divided
2- The scientific name Brassica campestris is for the plant
3- The logical consequences of hypothesis are called
4- The no. of organisms on earth is
5- The smallest cells are of some bacteria eg.
6- The place where proteins are synthesized
7- The animal which produce lost part with the process of regeneration is
8- Lock and Key model was prepared in
9- The example of a nucleotide is
10- The weight of liver of an adult person is
11- Whose saying is this that make medicine to your nutrition
12- Which one of the following blood groups is universal donar

Ans. (D,A15,II):1a,2b,3c,4d,5a,6b,7c,8d,9a,10b,11c,12d

- Q. No. 2 Write short answers any Five of the following 2x5 = 10
Q. No. 3 Write short answers any five of the following 2x5 = 10
Q. No. 4 Write short answers any Six of the following 2x6 = 12

- NOTE: Attempt any three questions from this part
Define endangered species and explain with two examples
Explain molecular level and tissue level
Explain structure and function of nucleus
Write note on plastids
What is the use of enzymes in different industries
Describe the significance of Mitosis
Describe the importance of fertilizer
Describe the other function of liver beside Digestion
How transport of water takes place in plants
Describe the importance of Fermentation

- PRACTICAL PART (Part - III)
Attempt any two questions from A, B and C of the following 5x2=10
You observed mustard flower. Draw its diagram and label any two parts
You observed Bony Fish. Write down its four characteristics
You performed experiment to study the effect of tonicity on plasmolysis and deplasmolysis of plant cell. Write down its brief procedure
You experimented to show the process of photosynthesis using aquatic plant Hydrilla. Write down its material and apparatus
You performed experiment to investigate transpiration in potted plant under a bell jar. Write down its procedure
Write down a brief procedure for Iodine test of starch