

11. (a). Give adaptations of fungi on land.
(b). Describe land adaptations of bryophytes.
12. (a). What is alternation of generation? Give its significance.
(b). How evolution of leaf took place?
13. (a). Enlist steps involved in evolution of seed.
(b). Describe in detail cyclic & non-cyclic phosphorylation.
14. (a). Draw and describe Calvin cycle in photosynthesis.
(b). What is glycolysis? Sketch its various steps.
15. (a). Draw sketch and explain Krebs cycle.
(b). Give digestion in cockroach.
16. (a). Describe digestion in oral cavity of man.
(b). Describe absorption of digested food in small intestine.
17. (a). Write a note on (i) Anorexia nervosa (ii) Bulimia nervosa (iii) Obesity
(b). Why transpiration is necessary evil?
18. (a). Explain various functions of human blood.
(b). Describe lymphatic system. Write its functions.
(c). Define immunity. Give its types.

1st Year Biology Pairing Scheme 2018 Punjab Board

MCQ's

Q#1

1 From Each Chapter (1,2,3,4,5,6,7,8,9,12,13)

2 From Each Chapter (10,11,14)

Short Questions:

Q#2

1+5+3+8+11 (8/12)

Q#3

6+7+9+11+12 (8/12)

Q#4

2+4+13+14 (6/9)

Long Questions:

Q#5:

(a) Chapter #1; (b) Chapter #14

Q#6:

(a) Chapter #2; (b) Chapter #8

Q#7:

(a) Chapter #6; (b) Chapter #9

Q#8:

(a) Chapter #5; (b) Chapter #11

Q#9:

(a) Chapter #4; (b) Chapter #12

Attempt Any 3 Question Out Of 5

Regards: SYED ATEEB (M.Sc. M.A. B.Ed. 0301-4870705)