

Annual Assessment- March 2017
Agriculture
Class-8

Maximum Marks: 80

Time: 150 Minutes

Instructions:

- All questions are compulsory.
 - Marks are given in front of each question.
1. Which one of the following plants is cryptogams:- 1
(a) Algae (b) Cycas
(c) Pine (d) Gram
 2. Adventitious roots are found in _____. 1
(a) Pea (b) Wheat
(c) Black Gram (d) Lentil
 3. Which one of the following plants are homogamy? 1
(a) Mango (b) Babool
(c) Sunflower (d) Guava
 4. Which conditions are found suitable for seed germination? 1
(a) Moisture (b) Optimum temperature
(c) oxygen and light (d) all of these
 5. Which type of the cross- pollination occurs in maize crop? 1
(a) Entomophily (b) Anemophily
(c) Hydrophily (d) Zoophily
 6. What is the density of soil? 1
(a) 2.65 (b) 1.65
(c) 3.65 (d) 4.65
 7. Which one of the following is not a form of water soil erosion? 1
(a) Rain drop soil erosion (b) Ril soil erosion
(c) Gully soil erosion (d) Aerial soil erosion
 8. _____percent of nitrogen is found in urea (Fertilizer) 1
(a) 24.6 (b) 46.6
(c) 56.6 (d) 65.6
 9. What percent of carbon is found in humus? 1
(a) 50-60 Percent (b) 80-83 Percent
(c) 20-25 Percent (d) 55-58 Percent
 10. The length of feeding mouth of wheat thresher should be _____centimeter. 1
(a) 90 (b) 30
(c) 100 (d) 70
 11. Paddy weeder removes weeds from _____. 1
(a) wheat (b) Maize
(c) Sugarcane (d) Paddy

12. We get fiber from _____ crop. 1
 (a) cotton (b) pearl millet
 (c) sugarcane (d) dlucerne
13. _____ kilograms per hectare seed is required for late varietin of barley. 1
 (a) 112-115 (b) 80-85
 (c) 90-95 (d) 95-100
14. _____ percent protein is found in the fodder of cluster bean. 1
 (a) 21 (b) 18
 (c) 7 (d) 9
15. Ber (*Ziziphus mauritiana*) tree starts fruiting in the age of years. 1
 (a) 4-5 (b) 6-7
 (C) 1-2 (d) 10-11
16. Write four external factors which affect photosynthesis. 2
17. What is double fertilization? Explain in detail. 2
18. Explain soil profile. 2
19. Write seed quantity and proper sowing time for urad crop. 2
20. Write name of two varieties and time for plantation of pear trees. 2
21. Write objectives of preparing of 'hay' and explain its types on the basis of crops. 2
22. Write method of preparing casein and things made by casein. 2
23. Explain 'mastitis disease' in animals. 2
24. What is semen dilutization? 2
25. In how many ways a bio gas plant can be used? 2
26. Write name of different parts of flower. Explain male reproductive part of flower. 3
27. Explain different types of osmosis in detail. 3
28. Write weathering forces of soil formation. 3
29. Define soil conservation. Write six measures of soil conservation. 3
30. What is green manure? Write main characteristics of crops used for green manuring. 3
31. What is surgarcane crusher? Explain its structure and functioning. 3
32. Write name of such crops which are useful for making of silage and explain tower method. 3
33. Write uses of milk powder and its composition. 3
34. What are the advantages of artificial insemination? 3
35. What precautions should be kept in mind during installation of Bio-Gas? 3
36. Explain following factors in regard of wheat production. 5
 (i) Soil (ii) Soil preparation (iii) Name of high yielding variety seeds (iv) Seed quantity and sowing time (v) Yield per acre.
37. Write about commercial classification of crops with examples. 5
38. Write five symptoms of sick cow with heart beat, body temperature and respiration rate of healthy cow. 5