**Question Bank**

**Q1 / Lists** the Barley Species in world **?** with **one** example for each species ?

**Q2/ Lists** the Main Types of Sorghum? then write each one their purpose ?

 **Q3 /**  **Draw** the grain of Corn **?**

**Q4 / Differentiate between:**

 **1 –** Inflorescenceof **Rice & Sorghum.**

 **2 – Six** row barley  **& Two** row barley**.**

**Q5 / Write** the climate requirement for the Corn **?**

**Q 6 / Define the following:**

Vernalisation, Spike, lodging, Auricles, Full Ripe Stage, Ligules

 **Q 7 /**  **Write** Botanical Classification of Grain Crops

**Q 8 / Differentiate between:**

 **1 – Six** row barley & **Two** row barley.

 **2 –** Breadwheat **&** Durumwheat**.**

**Q 9 / Numerate** the GrowthStages of Cereal then **write** about two of stages **?**

 **Q10 / Important** features of cereals

**Q11 /** **Write** botanical classificationof Grain Cropsuntil the end of Tribe Hordeae**.**

**Q 12 / What** is the features thatcan be used to differentiate cereals during the vegetative stage **and** then define each features **?**

 **Q 13 / Numerate** the GrowthStages of Cereal then **write** about two of stages **?**

 **Q 14 / Write** about the Oat root and Oat stem.

 **Q15/ Differentiate between:**

1. Spike **&** Panicle**.**
2. Breadwheat **&** Durumwheat**.**
3. Six row barley **&** Tow row barley.

**Q16/ Answer the following:**

**1-** Why the Zadoks scaleis usefulfor cereal**?**

**2-** Why the sorghum is unique ability to grow over a wide range in climate?

**3-** Why the lodging have a risk to cereal crops?

**4-** Why some cereal crops needs to vernalization?

**Q17/ Numerate each of the subordinate:**

**1-** Growth stage for cereal crops.

**2-** Important features of cereals.

**3-** Oat species.

**4-** Maize types.

**Q18/** Write about climate and soil requirement for the sorghum?

**Q19/** Write depending of what Corn types was classified? Then lists the Types of Corn And then write about two of the Types of Corn.

 **Q20/** Fill in the blanks:

1- Barley has three principal physiological traits involved: ….…….... , ……………, and……………… .

2- There are several types of sorghum :………………., ………………., …………………., and ..................................

3- Wheat is classified into three species:…………………, ………………………, and ………………………....

4- The inflorescence of the oat is termed a………………, while the inflorescence of the oat is called a……………….. .

5. Grains in the grass family (Poaceae or Gramineae); are known as………………

 **Q21 /** Define the Zodoks Scale then Enumerate the Zodoks Scale for cereal crops?

**Q22/** A- Write about the root system for the rice?

 **Q23/** Draw the grain of Barley?

 **Q24/** Depending of what corn type was classified? And Enumerate types of corn?

 **Q25/ Define the following:**

1. Grain sorghum **2.** Raceme **3.** Winter wheat **4.** Auricle

**Q26/ Fill in the blanks:**

**1-** Grains of cereal are two types: ….……....such as..……….., and ……………such as……………… .

**2-** The method of sowing that used for rice include………………**,**………………… **,**………………... **,** and for corn include………………………**,**………………………....

**3-** Botanical classification of Tribe: Maydeae include……….…........…., and Tribe: Androponeae include………………... .

**4-** During the vegetative stage of plant the features that used to differentiate cereal types include……….…**,** …..…..…..**,** …………….**,** and during the reproductive stage include ……………..**,** …………….....

**5-** Cereal Crops are usually classified into two groups……..….include…..………, and ………… include ……………….. .

**Q27/** Depending of what Wheat species was classified? And write about the species of wheat with sample.

**Q28/** Describe the physiological changes occurring in a barley plant during the ripening process.

**Q29/ Write** depending of what the cereal crops types can be differentiate during the vegetative and reproductive stages? **And** then defining each of these features?

 **Q30/ Differentiate between:**

 1- Lodging **&** Vernalisation**.**

 2- Bread wheat & Durum wheat.

**Q31 / Answer the following:**

1. Barley Species in world include **A**---------------------------------like----------------------------, **B**----------------------like-------------------------, **C**----------------------like--------------------------.
2. Classification of maize types include **1**-------------------, **2**-----------------, **3**--------------------, **4**-------------------, **5**--------------------,**6**--------------------, **7**-------------------.
3. Main types of sorghum include : **1**-----------------------, **2**-------------------, **3**---------------------, **4**---------------------.
4. Maize plants have three types of roots, **i)** -----------------------, **ii)**------------------------, and **iii)** ---------------------.
5. Sowing methodof sorghum which are: **1-**----------------, **2-**----------------, **3**- --------------, **4-**--------------------, while the sowing methodof rice: **1-**-----------------, **2-**------------------, **3**- ----------------------.

**Q32/** list and write the scientific name for Oat Species ?

**Q33/** Write the Classification of barley species?

**Q34/ Write** aboutthe climate and soil requirement for sorghum**?**

**Q35/** The diagram shows the leaves and auricles of three cereals at the grass corn stage. Identify which of the diagrams represent wheat, oats and barley.



Q36/ Explain the following terms as they apply to artificial fertilisers:

 - Placement

 - Broadcasting

 - Top-dressing