



Federal Board HSSC Examination
Biology Practical Model Question Paper

Time allowed: 3 hours

Marks: 30

1. Answer the question pertaining to material A – F: (6)
 - i. Identify the slide 'A' and give reason of identification. (1)
 - ii. Identify the slide 'B' and write down its one feature. (1)
 - iii. Identify the dissected part 'C' from model/charts. (1)
 - iv. Locate the part 'D' mention in human skeleton. (1)
 - v. Name the animal 'E' and assign it to its phylum. (1)
 - vi. To which class of chordate the following animal 'F' belong. (1)
 2. Prepare a temporary amount of material 'G' provided. Identify and draw its labeled diagram. (3)
 3. Describe the following of specimen 'H': (6)
 - i. Scientific name and family of plant (1)
 - ii. Type of infloescase (1)
 - iii. Calyx (1/2)
 - iv. Corolla (1/2)
 - v. Androecia (1/2)
 - vi. Gynoecia (1/2)
 - vii. Floral formula (1)
 - viii. Floral diagram (1)
 4. Demonstrate the experiment assigned by the examiner and write down the procedure, observation and results. (5)
 5. Solve the problem related to inheritance provided by the examiner. (3)
- OR**
- Mention your own blood group by using antisera. (3)
- Viva voce (3)
- Note book (4)
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- Q.1 A – Histological slides
B – Animal/Plant cell type
C – Dissection of frog and sheep
D – Bone from human skeleton
E – Invertebrate Phylum
F – Classes of chordates
- Q.2 G – Temporary mount of animal and plant cells.
- Q.3 H – Flower (Rose, Cassia fistula, Solanum nigrum)
- Q.4 Physiology based experiment.
- Q.5 Inheritance OR Blood group

Viva Voce = 03

Note book = 04