**MARKING SCHEME**

a, Q- Anther

 R - style

 S - stigmqa

 X – calyx

B, X – protect the flower bud when sill delicate; hold the corolla intact.

 R-Holding the stigma in place

 C-fused-gamopetalous

 D-gamosepalous

 E- (i)superior-epigynous

 (ii)-ovary is above the carlyx

**2.** a) i) Oil is broken into small or tiny droplets / oil emulsified / oil is suspended / spread throughout the liquid / cloudy suspension;

 Oil floats on water / no mixing / two separate layers / two immiscible layers;

 ii) Emulsification;

 iii) To increase the surface area; for enzyme action /activity of lipase;

 iv) Bile

 Duodenum

b) i) Blue black colour / black colouration;

 ii) Starch solution;

 iii) Blue black colour disappears /colour fades /solution turns brown/yellow;

 iv) Enzyme amylase; breaks down / hydrolyses / converts /digests starch into sugars / reducing sugar / maltose; those did notgive blue black colour with iodine;

3. (a) M-Caecum

 N- Rectum

 X- Stomach

 Z-Liver

(b) M-Contains bacteria/has bacteria/microorganisms that secrete cellulose that digests cellulose/

 -Produce enzyme/cellulace which digests cellulose

 rej. Bacteria digest cellulose/acts on cellulose alone

 N-Store faeces/undigested food materials/indigestible materials/waste products of digestion

 Rej. Waste material alone/stool/indigested materials

 Y- Holds urine temporarily

 (c) – Deamination,detoxification, thermoregulation , Haemoglobin regulation, Manufacture of Red blood cells in the embryonic stage ,-any 3 correct

(d)- (i) Mammalia

 (ii) -presence of fur/hair