**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