GCE A Level Biology B (Advancing biology)

H422/03 Practical skills in biology

Question Set 14

1. (a) Fig. 5 is a photomicrograph of a human ovary. Structures within the ovary have been labelled, **A** to **F**.

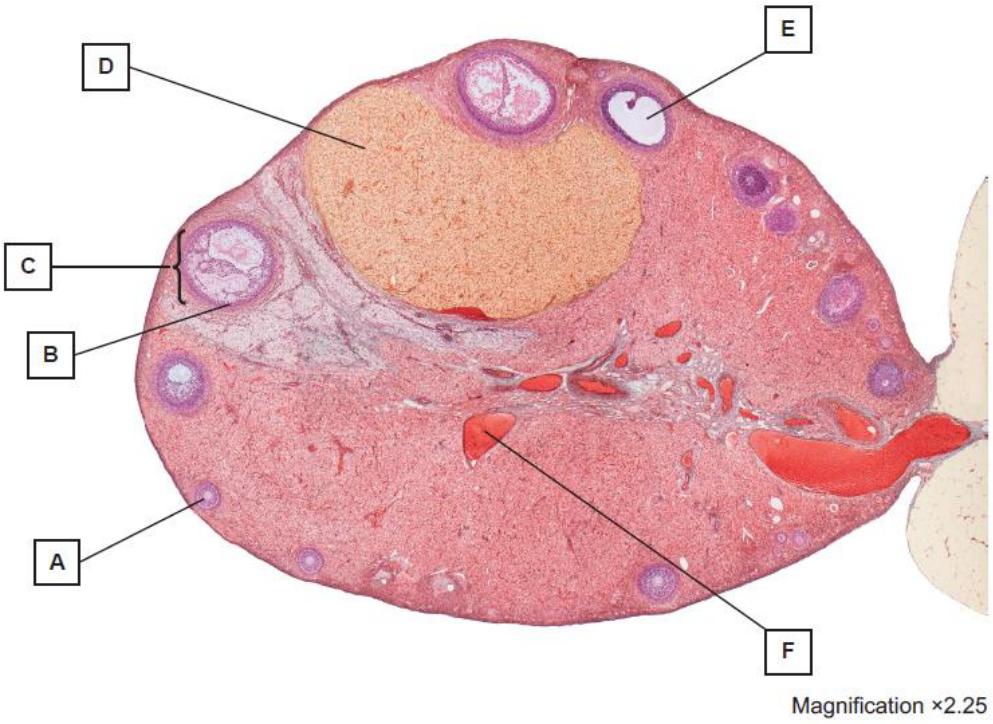

Fig. 5

Using Fig. 5, complete the table below by identifying the structure or label that best fits the description.

Description	Structure	Label
Supplies blood to the ovary	central coiled blood vessel	**F**
Contains receptors on plasma membranes for FSH		**A**
Releases oestrogen	follicle	
Contains a haploid nucleus		**E**
Produces progesterone		**D**
Gel layer composed of glycoproteins	zona pellucida	

[5]

(b)* The appearance of an ovary changes with age.

A student observed the ovary in Fig. 5 and concluded that this ovary was from a woman who had not yet started menopause.

Analyse Fig. 5 and comment on this conclusion. **[6]**

Total Marks for Question Set 14: 11