- It has four parts from Notesale.co.uk

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 Decidua basalis: it forms the maternal part of the placenta

 Decidua capsularis: :4

- **Decidua parietalis**: the rest of the endometrium
- **Decidua reflexa**: junction between capsularis and parietalis

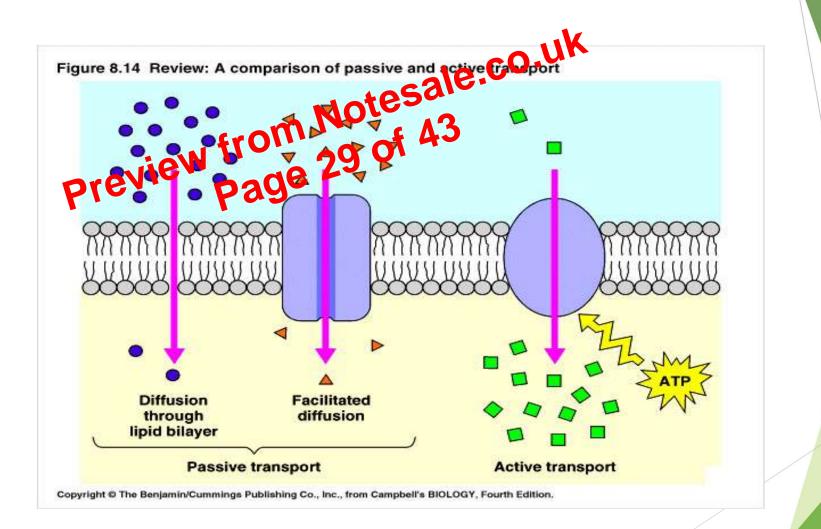
The syncytiotrophoblast, the outedr cell layer surrounding villi, possesses a brush border

Microvilli that constitute the border and filt to be involved in pinocytotic activity vacuoles within the cytoplasm of these cells are indicative of the about the and secretory activities of the syncytiotrophoblast

- Syncytiotrophoblasts are composed of pyknotic nuclei that are hyperchromatic
- ► The cytotrophoblastic nuclei are more round and open

PLACENTAL BARRIER

- This is a conteste structure that separating the fetal blood from the maternal blood.
- It has four layers:
- Synctiotrophoblast
- Cytotrophoblast
- Connective tissue of villous
- Endothelium of fetal capillaries
- After the 20th week, the cytotrophoblastic cells disappear and the placental membrane consists only of 3 layers



Applied aspect

- Memia of mother, baby is not anemic ress placents In starvation, ketones cross placenta and are utilised as source of energy resulting in IUGR babies
- In GDM mothers more glucose to babies result in macrosomia
- Various drugs that pass through placenta
- Infections like viruses and bacteria



