

**Revision questions on the core concept videos.**



Audio track answers are [here](https://soundcloud.com/user-40888762/sets/basic-concepts-skin-science). The URL for the audio answers is:  
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**Questions on skin biology video 3**

- Q1 Which is more protective, constitutive or facultative melanin?
- Q2 What type of pigmentation is tanning?
- Q3 Melanocytes are derived from what cell lineage?
- Q4 In albinism, melanocytes numbers are deficient. True or false?
- Q5 Vitiligo is characterised by focal areas of hyperpigmentation. True or false?
- Q6 If the ratio of eumelanin to pheomelanin is low, what hair colour is more likely?
- Q7 Why is melanin synthesised in melanosomes?
- Q8 Each melanocyte communicates with one keratinocyte. True or false?
- Q9 What is the mode of inheritance of albinism?
- Q10 All cases of albinism are due to a mutation in the gene tyrosinase (the rate limiting enzyme in melanin biosynthesis). True or false?