Attempt .... questions

1 $(3+\sqrt{2})(3-\sqrt{2})$ is equal to ....
   a)7   b)-7
   c)-1   d)1

2 The degree of polynomial $4x^4+2x^2y$ is ......
   a)1   b)2
   c)3   d)4

3 4x+3y-2 is an algebraic........
   a)expression   b)setence
   c)equation   d)inequation

4 $\dfrac{1}{a-b}-\dfrac{1}{a+b}$ is equal to :

   a) $\dfrac{2a}{a^2-b^2}$ b) $\dfrac{2b}{a^2-b^2}$

   c) $\dfrac{-2a}{a^2-b^2}$ d) $\dfrac{-2b}{a^2-b^2}$

5 a^3+b^3 is equal to..........
   a)$(a-b)(a^2+ab+b^2)$ b)$(a+b)(a^2-ab+b^2)$
   c)$(a-b)(a^2-ab+b^2)$ d)$(a-b)(a^2+ab-b^2)$

6 $(\sqrt{a}+\sqrt{b})(\sqrt{a}-\sqrt{b})$ is equal to:

   a)a^2+b^2 b)a^2-b^2
   c)a-b   d)a+b

7 $\dfrac{a^2-b^2}{a+b}$ is equal to ....

   a)$(a-b)^2$ b)$(a+b)^2$
   c)a+b   d)a-b

8 Conjugate of surd $a+\sqrt{b}$ is ....
   a) $-a+\sqrt{b}$ b) $a-\sqrt{b}$
   c) $\sqrt{a}+\sqrt{b}$ d) $\sqrt{a}-\sqrt{b}$