



Angles Ex 11.1 Q5

**Answer :**

- (i) Another name for  $\angle 1$  is  $\angle BOD$ .
- (ii) Another name for  $\angle 2$  is  $\angle BOC$ .
- (iii) Another name for  $\angle 3$  is  $\angle AOC$ .
- (iv) Another name for  $\angle 4$  is  $\angle AOD$ .

Angles Ex 11.1 Q6

**Answer :**

- (i)  $\angle BPE$
- (ii)  $\angle PQC$
- (iii)  $\angle DQF$

Angles Ex 11.1 Q7

**Answer :**

(ii), (iv) and (v) are true statements.

(i) and (iii) are incorrect statements as B lies on  $\angle AOB$  and A lies on  $\angle AOD$ .

Angles Ex 11.1 Q8

**Answer :**

(iii) The vertex of an angle lies on it.

This is the only correct statement.

Angles Ex 11.1 Q9

**Answer :**

(i)  $\angle AOB$  is greater than  $\angle DEF$ .

(ii)  $\angle PQR$  is greater than  $\angle LMN$ .

(iii)  $\angle UVW$  is greater than  $\angle XYZ$ .

Angles Ex 11.1 Q10

**Answer :**

Using tracing paper, we get that:

(i)  $\angle PQR$  is greater than  $\angle AOB$ .

(ii)  $\angle UVW$  is greater than  $\angle LMN$ .

(iii)  $\angle RST$  is greater than  $\angle XYZ$ .

(iv)  $\angle PQR$  is greater than  $\angle EFG$ .

\*\*\*\*\* END \*\*\*\*\*