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VII- Mathematics Assignment No. 07- Lines and Angles.

Multiple Choice Questions

(Q1) The pair of Complementary angles is

(i) $81^\circ, 9^\circ$, (ii) $173^\circ, 7^\circ$ (iii) $81^\circ, 19^\circ$ (iv) $250^\circ, 110^\circ$

(Q2) The pair of Supplementary angles is

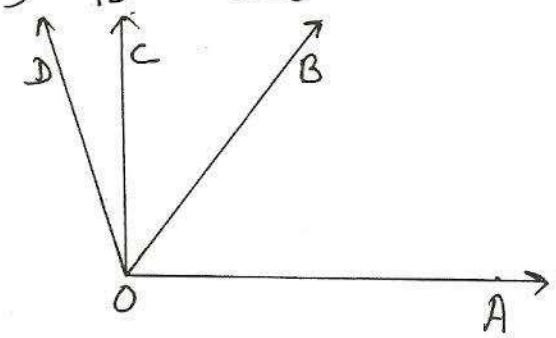
(i) $45^\circ, 45^\circ$ (ii) $150^\circ, 30^\circ$, (iii) $150^\circ, 50^\circ$

(iv) $345^\circ, 15^\circ$

(Q3) An angle is equal to its Complement The measure of the angle is

(i) 180° (ii) 270° (iii) 45° (iv) 360°

(Q4) In the adjoining figure, the pair of adjacent angles is



(i) $\angle AOB, \angle AOD$ (ii) $\angle BOC, \angle BOD$ (iii) $\angle AOB, \angle COD$

(iv) $\angle AOB, \angle BOC$

Cont-Pg-2

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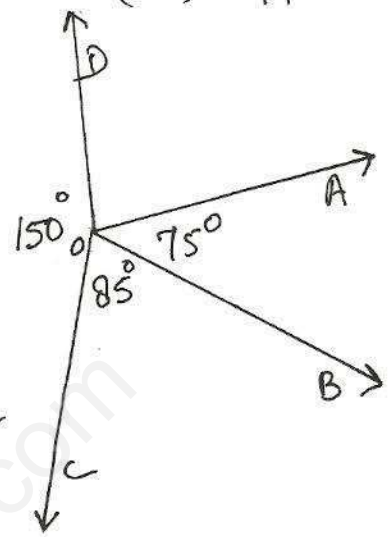
(Q5) An angle is equal to its supplement. The measure of the angle is

(i) 90° (ii) 45° (iii) 180° (iv) 91°

Q6. From the adjoining figure, find the Correct Statement



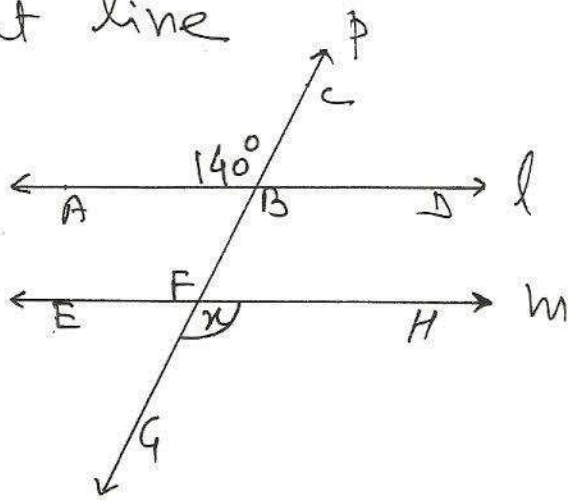
(i) $\angle AOB$, $\angle BOC$ form a linear Pair

(ii) $\angle AOB$ and $\angle AOD$ are adjacent angles

(iii) $\angle AOD$ and $\angle BOC$ are vertically opposite angles

(iv) COD is a Straight line

(Q7) In the figure $l \parallel m$ if $\angle ABC = 140^\circ$ then the measure of $\angle x$ is



(i) 40° (ii) 120° (iii) 140° (iv) Can't be obtained.

Cont-Pg-3

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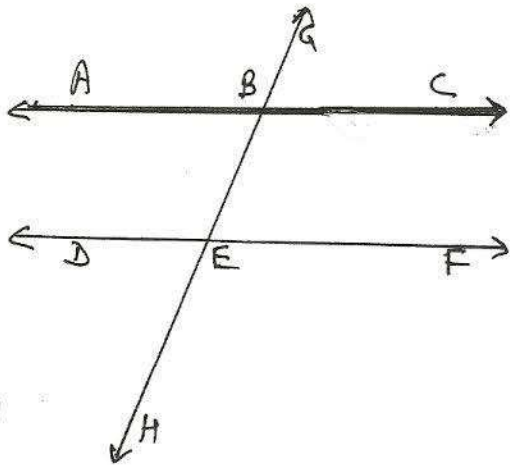
(Q8) If the difference of two Complementary angles is 12°. The measure of the angles is

(i) 50°, 62°, (ii) 40°, 52° (iii) 70°, 82°

(iv) 51°, 39°



(Q9) From the adjoining figure AC ∥ DF and if ∠CBE = 135° then measure of ∠BEF is

(i) 45° (ii) 135° (iii) 65° (iv) 50°

(Q10) From the same figure given in Q No.9 if ∠ABE = 70° then the measure of ∠DEH is

(i) 130° (ii) 70° (iii) 20° (iv) 110°.

ANSWERS:-

(Q1) (i)	(Q5) (i)	(Q9) (i)
(Q2) (ii)	(Q6) (ii)	(Q10) (ii)
(Q3) (iii)	(Q7) (iii)	
(Q4) (iv)	(Q8) (iv)	

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