

Time: 30 Minutes	Paper Math 7th T (5)	Total Marks: 25
1st Month, 3rd Week, 5th Day	Syllabus: Ex 1.9 Q# (1,2,3,4)	

Q.No.1 Encircle the correct answer from the following choices. (1×4=4)

درج ذیل میں سے درست جواب کا انتخاب کریں اور اُس کے گرد دائرہ لگائیں۔

(i) $A = \{1,4,7,10,13\}$ $B = \{2,3,5,8,9\}$ $A \cup B = ?$

(a)	{1,2,3,4,5,7,8,9,10,13}	(b)	{1,4,6,7,9,10}
(c)	{1,3,5,8,9,10}	(d)	{1,2,3,4,6,8,9,10}

(ii) $S = \{s,t,u,d,e,n,t\}$, $T = \{t,e,a,c,h,r\}$ $s \cap t = ?$

(a)	{t,u,e,n,t,h,r}	(b)	{t,e}	(c)	{a,c,e,g,h}	(d)	{a,b,c,d,e,t,h}
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(iii) Find Union $G = \{1,2,3,\dots,10\}$ $H = \{0,1,2,3,4,6,8,9,10\}$ یونین معلوم کریں۔

(a)	{1,2,3,4,\dots,10}	(b)	{1,3,5,7,9}
(c)	{0,1,2,3,4,5,6,7,8,9,10}	(d)	{2,4,6,8,10}

(iv) Find intersection $Y = \{0,5,10,15,20\}$, $Z = \{0,1,2,\dots\}$ تقاطع معلوم کریں۔

(a)	{0,1,2,3,\dots}	(b)	{0,5,10,15,20}
(c)	{1,3,5,7,9,11,\dots}	(d)	{2,4,6,8,\dots}

Q.2. Find union and intersection $U = \{0,-1,-2,-3\}$, $V = \{1,2,3\}$ (2×3=6)

$U = \{0,-1,-2,-3\}$, $V = \{1,2,3\}$ یونین اور تقاطع معلوم کریں۔

(i) If $N = \{1,2,3,\dots\}$ and $W = \{0,1,2,\dots\}$ then find $N \cup W$ and $N \cap W$.

اگر $N = \{1,2,3,\dots\}$ اور $W = \{0,1,2,\dots\}$ ہو تو $N \cup W$ اور $N \cap W$ معلوم کریں۔

(ii) If $E = \{0,2,4,\dots\}$ and $O = \{1,3,5,\dots\}$, then find $E \cup O$ and $E \cap O$.

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(ii) $S = \{s,t,u,d,e,n,t\}$, $T = \{t,e,a,c,h,r\}$ $s \cap t = ?$

(a)	{t,u,e,n,t,h,r}	(b)	{t,e}	(c)	{a,c,e,g,h}	(d)	{a,b,c,d,e,t,h}
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