Theory answer sheet

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					STUDI	ENT ID:	
1.	1. 2. 3. 4. 5. 6. 7. 8. 9. 10.	Launch of the Viking probes Discovery of P Latest perihelic Discovery of C Discovery of U First successfu Discovery of tl Discovery of st First identificat Discovery of tl					
2.	a) b)	YES YES	☐ NO ☐ NO				
3.	c)	(A)	(B)	(C)	(D)	(E)	
4.	b)	YES	☐ NO				
6.	a)b)d)	☐ (A) ☐ (A) ☐ (A)	☐ (B) ☐ (B) ☐ (B)	(C) (C)	(D)	(E)	
8.	e)	(A)	(B)	(C)	(D)		
11.	a)	 Heart-beat star RR Lyrae type (RRab subclass) pulsating variable star Eclipsing binary of Algol type (semi-detached) with a pulsating component α² CVn pulsating variable star W Vir type (Population II) Cepheid pulsating variable star Detached eclipsing binary with strong reflection effect Contact eclipsing binary of W UMa type Rotationally variable (spotted) star 					
	b)	1. 2. 3. 4. 5. 6. 7.	RW Dor FO Eri UY Eri ST Pic AH Col VV Ori TIC 147272181 24 Eri				$P \approx \dots$ d
	c)	(A)	(B)	(C)	(D)	(E)	
13.	f)	(A)	(B)	(C)	(D)	(E)	

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14.	b)	YES NO
	c)	☐ DEFINITELY YES
		☐ DEFINITELY NO
		CLOSE TO THE LIMIT