

2013 Calculation Exam Answers

Section 1:

<u>Question 1(a)</u>	<u>By Hand</u>	<u>Computer</u>
MC	22Pisces34	22Pisces34
11 th House Cusp	29Aries04	29Aries04
12 th House Cusp	11Gem02	11Gem01
Ascendant	16Cancer36	16Cancer36
2 nd House Cusp	04Leo36	04Leo36
3 rd House Cusp	25Leo27	25Leo27

Question 1(b)

MC	02Aries22	02Aries23
11 th House Cusp	01Tau32	01Tau33
12 th House Cusp	25Tau21	25Tau22
Ascendant	16Gem36	16Gem37
2 nd House Cusp	19Ca49	19Ca51
3 rd House Cusp	27Leo02	27Leo04

Question 2 :

	<u>By Hand</u>	<u>Computer</u>
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1. Sun	: 24 Sag06	24 Sag08
2. Moon	: 09 Sag28	09 Sag27
3. Mercury	: 01 Gem00	00 Gem59
4. Venus	: 17 Aries20	17 Aries19
5. Mars	: 10 Tau04 Rx	10 Tau03 Rx

Section 2

Q1 Aspect Grid on next page from SF

Q2 T square Chiron Aries opp Uranus Libra both square Sun Cancer

Q3 Moon is 117 degrees ahead of Sun so **First Quarter Phase**

Q4	ASC	1.59 Sag	241.59	
	+ Moon	7.42 Scorp.	217.42	
			459.41	
	- Sun	10.38 Can	100.38	
			359.03	
			29.03	= 29.03 Pisces

Q5 Mars in Aquarius

Q 6: Short Arc midpoint between Sun and Jupiter is closer to 19 Virgo if you use the minutes

	Sun	10 Cancer 38	= 100 38	
+	Jupiter	27 Scorpio 18	= 237 18	
			= 337 56 minutes	divide by 2
=	168 degrees	= [carry 1 – add 60 to 56	= 116 minutes	divided by 2] = 58 minutes
				= 18 Virgo 58 minutes

Q7 **Jupiter 27.17 Scorp sextiles Pluto Virgo 27.09** - half points for Sun square Uranus

Section 3

Q1 Calculate a [12] monthly Secondary Progressed Moon table for Julian for 2013/14 starting from April 18th to the nearest 30 minutes of arc.

$$2013 - 1971 = 42$$

Ephemeris Date for 2013 = August 14 1971 (3 July + 42 days)

$$\text{Moon's rate } 11 \text{ Gem } 36 = 15^{\text{th}} \quad 41.15$$

$$27 \text{ Tau } 36 = 14^{\text{th}} \quad - 27.36$$

$$13.39 = 818 \text{ min divided } 12$$

$$= 68.16 = \mathbf{1 \text{ degree } 08 \text{ min}}$$

Create the Moon Table by adding 1 degree 08 to the dates after 18 April and subtracting it from the dates before.

	Hand Calc	SF midnight Moon position	
Jan 18	24.12	24.12	
Feb 18	25.20	25.23	
Mar 18	26.28	26.26	
Apr 18	27.36	27.36	27.36 = April in Ephemeris for Aug 14
May	28.44	28.44	
Jun	29.52	29.54	
July	1.00	1.02	
Aug	2.08	2.12	
Sep	3.16	3.22	
Oct	4.24	4.29	
Nov	5.32	5.38	
Dec	6.40	6.45	

Question 2

ANSWER = Age 48 at 27 Leo

(Solar Fire = 2nd Progressed New Moon at 27 Leo15 on 31 March 2020. Julian is 48 and turns 49 on 3 July.

Method: Look down from 3 July 1971 in the Ephemeris to find the second date after birth for a New Moon = 20 August 1971. Count the days from the GMT DOB = 48 days. [Note: Subtract one only if the ACD is the year before birth – no need]

Question 3

Age 41 years

Method: Look down the Sun column of the Ephemeris to find the day when the Sun will reach the degrees of Midheaven cusp – 19Leo57. This occurs on 13 August 1971, 41 days after the GMT DOB. [Note: No need to subtract one as the ACD is the same year as birth].

Question 4

ANSWER = 2013 Note: No need for step 4 as the ACD is the same year as birth.

STEP 1: To form the specified aspect S.A. Pluto must reach Moon at 7Scorpio42	=	217 42
Subtract natal position of S.A. Pluto is 27Vir09	=	177 09
Solar Arc planet must reach this position to form this aspect	=	40 33

STEP 2: Natal Sun position	10Ca38	=	100 38
Add Solar Arc answer – step 1		=	+ 40 33
Required Sun position		=	141 11
		=	21 Leo 11

STEP 3: Check position of required Solar Arc Sun in ephemeris by counting down from GMT DOB as 0 to give you the age = 42
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STEP 4: If required do ACD adjustment by subtracting one year if ACD falls in the year before! # If ACD is before birthday in same year – stay in that year and do not subtract a year!

Question 5

- 1) 9/10 February 2013
- 2) 18 June 2013
- 3) 14 December 2013

Question 6

- 1) 1 Dec 2012 – 21/ 22 Dec 2012
- 2) 21/22 April 2013 – 19 May 2013
- 3) 26 August 2013 – 18 Sep 2013

Question 7

- 1) 16 April 2013
- 2) 29 Oct 2013
- 3) 3 Feb 2014

Question 8

Total Lunar	15 th April	25.16 Libra
Annual Solar	29 th April	8.52 Taurus
Total Lunar	8 th October	15.05 Aries
Partial Solar	23 rd October	0.25 Scorpio

Question 9

ANSWER = Age 45 (2017)

Solar Fire : February 2017

Mars Degree in natal chart = 21.32 Aquarius

*Look down Venus column in Ephemeris to find when Venus is at 21.32 Leo – which occurs on 17th August 1971 – 45 days after GMT DOB .
(ACD in April is same year as birth) so 45 days = 45 years*

Venus at 20.29 Leo on 17th Aug 1971
 21.43 Leo on 18th Aug 1971
 - 20.29 day/year before

Travel 1 year = 1.14 divide by 12 = .095 close enough to 10 mins = 1 month
ACD is April so on Venus one month before = March

Question 10

ANSWER = 20th November 1972

	24.00
- GMT	19.40
=	4.20
+ Sidereal Time	23.39
=	27.59
-	24.00
	3.59

Local Time	15.40
+ Zone	4.00
=	19.40

ANSWER = 20th November 1972