



Federation of Australian Astrologers Inc  
Incorporated in Victoria on 13 January 1995 AOO 30740M

# CALCULATION EXAM

***August 2016***

TIME: 3 ½ HOURS

# PLEASE READ THE INSTRUCTION SHEET BEFORE PROCEEDING INSTRUCTION SHEET

**The Calculation Exam is to be completed under supervision.**

**Time allowed for the Exam is 3 ½ hours.**

The Exam is divided into three sections:

Section 1 consists of TWO questions on the calculation of natal chart angles, house cusps and planets. Both questions in this section must be completed. Suggested time allocation for this section is 1 hour. (30 Marks)

Section 2 consists of EIGHT questions on aspects and other appropriate information given in the natal chart. All questions must be answered. Suggested time allocation for this section is 1 hour. (30 Marks)

Section 3 contains TEN questions on the calculation of Transits, Progressions and Directions in the horoscope. All questions must be answered. Suggested time allocation for this section is 1½ hour. (40 Marks)

- Answer Sheets have been supplied for ALL sections of the Exam.
- Please ensure all answers are written on these sheets.
- **Attach all working papers and scribble sheets** to the Answer Sheets and hand them to the supervisor when you have finished as you may receive some marks for correct calculations even if your final answer is incorrect.
- Your candidate number is to be written on the top right hand corner of **every** page submitted.
- You may retain the examination paper.

The overall pass mark for this exam is 60%. Candidates must also achieve a minimum mark of 50% in each of Sections 1, 2 & 3 of the Exam in order to gain an overall pass.

**GOOD LUCK**

# CALCULATION EXAM 2016

## SECTION 1 - Total 30 marks

Q1 Calculate the House cusps to within a degree for the following two sets of data:

(a) 10 November 1974	10 :55 pm	<b>10 marks</b>
Melbourne, Victoria	37 S 49 144 E 58	
Standard Time Zone	- 10:00 hours	
Daylight Savings	YES -1 hour	

(b) 14 February 1998	3:28 pm	<b>10 marks</b>
New York, NY, USA	40 N45 73 W 57	
Standard Time Zone	+ 5 hours West of Greenwich	
Daylight Savings	NO	

Q2 Calculate the longitudinal positions of the following planets to within 30 minutes of zodiacal longitude. All data below is in GMT.

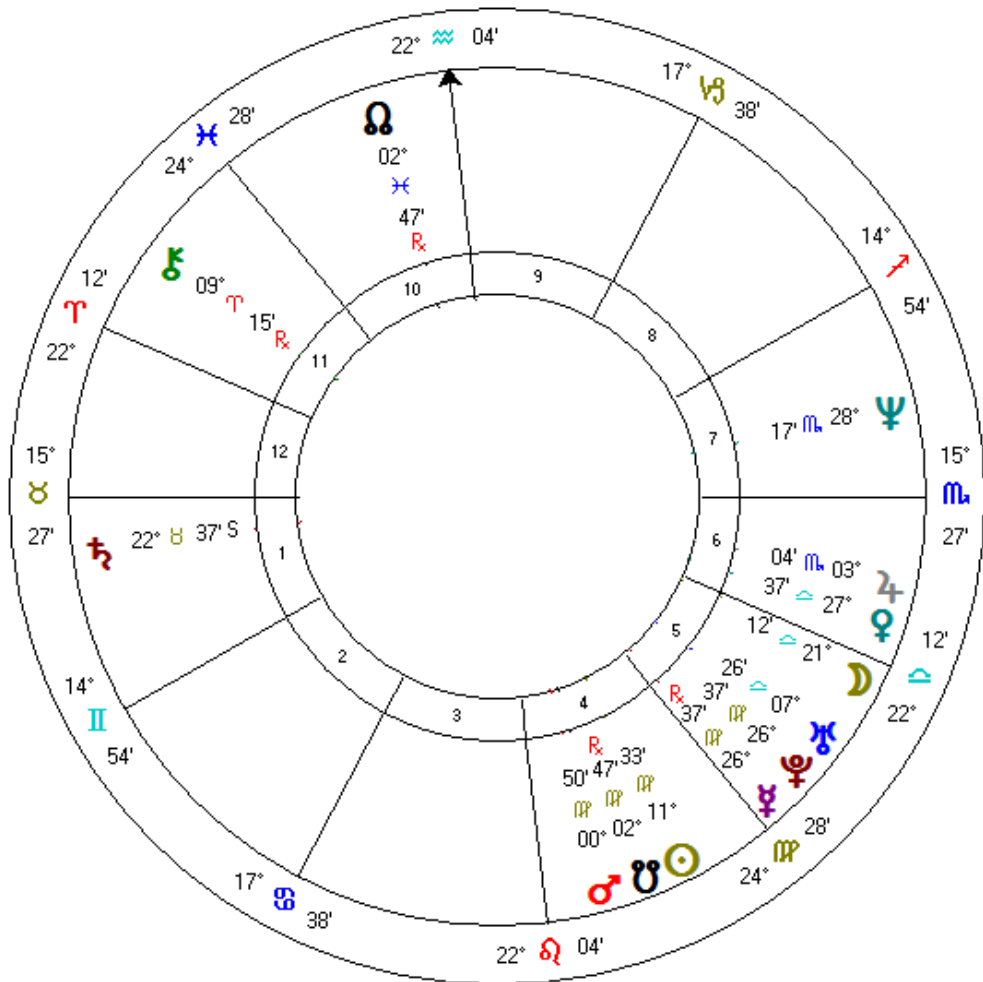
1. Sun:	7 April 1990	0 :15 am	<b>10 marks</b>
2. Moon	27 February 1953	1 :35 pm	
3. Mercury:	3 August 1972	5: 30 am	
4. Venus:	28 October 1971	11:36 am	
5. Mars:	28 March 1963	11:45 pm	

**END OF SECTION 1**

## SECTION 2 – Total 30 Marks

Answer the following questions regarding Deni's chart:

**Deni Hines**  
**Female Chart**  
 4 Sep 1970, Fri  
 10:40 pm AEST - 10:00  
 Sydney, NSW  
 33°S52' 151°E13'  
*Geocentric*  
*Tropical*  
*Placidus*  
*True Node*  
 Rating: C



## SECTION 2 – Total 30 Marks

- Q1 Using the aspect grid supplied find only the following aspects using the stated maximum orbs. Include the planets **plus** the Nodes [Note: Chiron not required].
- |                   |               |                 |
|-------------------|---------------|-----------------|
| Conjunction ..... | 8 degree orb. |                 |
| Square .....      | 8 degree orb. | <b>10 marks</b> |
| Opposition.....   | 8 degree orb. |                 |
| Trine .....       | 8 degree orb. |                 |
| Sextile .....     | 6 degree orb. |                 |
| Quincunx .....    | 4 degree orb. |                 |
- Q2 Using the planets and the North Node [and the above orbs], name one aspect pattern and list the planets that form this pattern. **2 marks**
- Q3 Calculate the Vertex to the nearest degree. **4 marks**
- Q4 What is the Lunation Phase for this chart? **4 marks**
- Q5 What is the short arc midpoint of Saturn and Jupiter? **4 marks**
- Q6 Which planet disposes the Sun? **1 mark**
- Q7 List one planet in its dignity [rulership]. **1 mark**
- Q8 Using the **nocturnal** formula, calculate the Part of Fortune to the nearest Degree. **4 marks**

**END OF SECTION 2**

### SECTION 3 – TOTAL 40 MARKS

All questions in this section relate to Deni's chart, except for Questions 8, 9 and 10.  
All answers to be in GMT.

**Deni's ACD:** Midnight ephemeris: ACD = 23<sup>rd</sup> February 1970  
Noon ephemeris: ACD = 25 August 1970

- Q1 Calculate a [12] monthly Secondary Progressed Moon table for Deni for 2016, starting from January 23 to the nearest 30 minutes of arc. 6 marks
- Q2 Age when Deni experienced her 2<sup>nd</sup> secondary progressed Full Moon? What degree and sign was it in? 4 marks
- Q3 At what age will Deni's progressed Sun conjunct her natal Uranus? 3 marks
- Q4 How old was Deni when her solar arc Uranus was conjunct her Natal DESC (7<sup>th</sup> house cusp)? 4 marks
- Q5 During 2017 and 2018 transiting Uranus will oppose Deni's natal Venus. List the exact GMT dates. 3 marks
- Q6 List the exact GMT dates in 2016 and 2017 when Transiting Neptune is opposite Deni's Sun. 3 marks
- Q7 Using a one degree orb, both applying and separating, list the GMT periods when Pluto squares Deni's Moon. 4 marks
- Q8 List the exact [GMT] dates and zodiacal degrees of all solar and lunar eclipses for 2017. 4 marks
- Q9 What are the exact [GMT] periods when Mercury is retrograde during 2015? 3 marks

Calculate the GMT **Adjusted Calculation Date** for the following birth data:

- Q10 29 March 1963 9.15 am 6 marks

Sydney, NSW, Australia

Standard Time Zone: -10 hours (no daylight savings time)

**END OF SECTION 3**

**END OF EXAM**