



**2023
CALCULATION EXAM**

PLEASE READ THE INSTRUCTION SHEET BEFORE PROCEEDING

INSTRUCTION SHEET

- Use BLACK PEN and WHITE PAPER be clear and legible.
 - An Answer Booklet has been supplied with pages for the answers for ALL sections of the Exam. Please ensure all answers are noted in this booklet relevant to the Section and Question
 - Your name must NOT appear on any of the examination papers that are submitted. You will be issued with a Candidate Number by the Exam Board Coordinator. This number is to be written on the top right-hand corner of each page of the Exam answer booklet and your personal workout/calculation sheets.
 - Working out sheets for all answers MUST be provided unless otherwise stated. Return your Exam Answer Booklet and all your WORKING OUT SHEETS for questions requiring calculation methodology. How does this help you gain marks?
 - If the Examiners are able to determine, from your working out sheets, that the work is your own and you used the correct calculation method for a question, but a simple error has occurred resulting in a final incorrect answer, some marks can still be awarded for the correct methodology as it shows understanding of the question. Not returning your working out sheets may result in less marks and possibly not passing, as only your answer to a question can be marked.
- Remember to be clear and legible and use BLACK PEN. Please number each of your personal calculation pages and answers so they clearly link back to the relevant question for easy cross referencing.**
- Scan in the correct order as TWO separate high-resolution PDF files (300dpi). 1 Answer Booklet & 2 your Working out sheets. Email to the Coordinator by 4pm on Monday 14th August 2023
 - OR POST to the Coordinator FAA Board of Examiners (postal address above) no later than 4pm on Monday 14th August 2023. Date stamp and use Express /Registered Post. It is essential that you take a photocopy of both the Answer Booklet and Working out sheets.

INSTRUCTIONS (Cont.)

- If you use Express Post and Australia Post misplace the original answers and working sheets you will have another copy to send as it is the candidate's responsibility to send a duplicated copy if required. You will also be required to provide the tracking number and receipt to show you posted the papers before 4pm on the Monday after you receive the Exam.
- If your circumstances change once the exam has commenced and you are not able to complete the exam, please advise the Exam Board Coordinator ASAP
- All material submitted will become the property of the FAA. Copyright of all material remains with the author.
- The Board of Examiner's decision with respect to results is final.
- The overall pass mark for this exam is 70%. Candidates must also achieve a minimum mark of 60% in each section of the exam in order to gain an overall pass.

The Exam is divided into four 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. (30 Marks)
- Section 2 consists of up to EIGHT questions on aspects and other appropriate information given in the natal chart. All questions must be answered. (20 Marks)
- Section 3 contains TEN questions on the calculation of Transits, Progressions and Directions in the horoscope. All questions must be answered. (30 Marks)
- Section 4 consists of TWENTY-FOUR multiple choice questions. You must answer TWENTY of them. (20 Marks)

GOOD LUCK

CALCULATION EXAM 2023

SECTION 1 - Total 30 marks

Working out sheets to be provided with all the answers in this section.

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

(a) 11 November 1957 11.00am 10 marks
Sydney 33S52 151E13
Standard Time Zone -10 hours East of Greenwich
Daylight Savings No

(b) 15 August 1950 11.50am
London, UK 51N30 000W10 10 marks
Standard Time Zone GMT/UT
Daylight Savings Yes – 1 hour

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

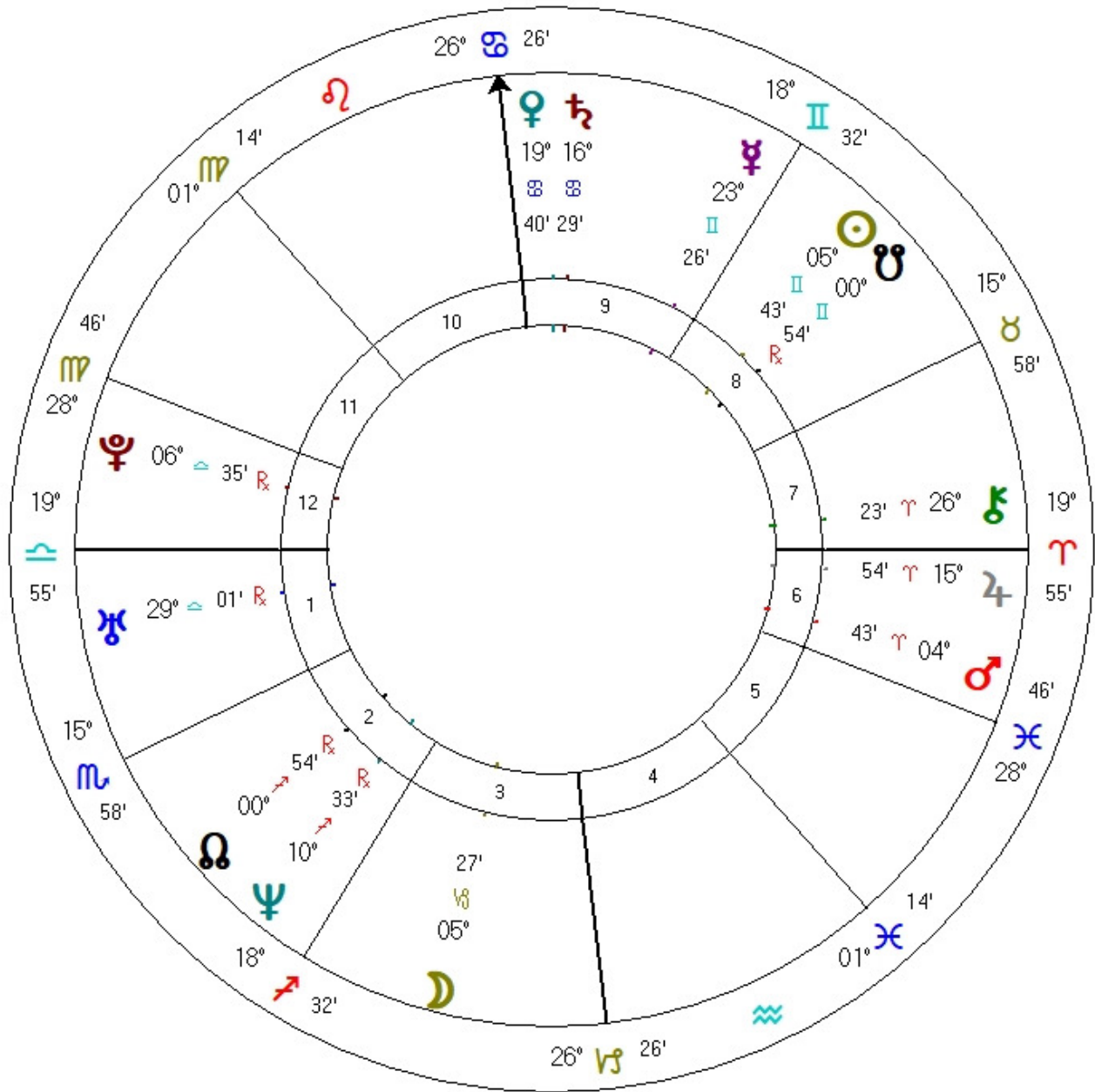
	Planet	Date	Time
a.	Sun:	22 July 2013	3.24 pm
b.	Moon	15 November 1977	10.46 am
c.	Mercury:	21 February 1967	3.20 am
d.	Venus:	24 August 1957	5.00 am
e.	Mars:	14 April 1967	4.45 pm

10 marks

END OF SECTION 1

SECTION 2 - Total 20 Marks

Use the chart provided below to answer all the questions in Section 2



SECTION 2 (Cont.) – Total 20 Marks

***Working out sheets to be provided with the answers in this section.
unless specified otherwise***

Q1 Using the aspect grid supplied, find only the following aspects using the stated maximum orbs.

Include only the ten main planets, plus Chiron and the North Node.

[note: ASC, MC and South Node are not required]

No working out sheet required.

Conjunction..... 8-degree orb.

Square 8-degree orb.

Opposition 8-degree orb.

Trine 8-degree orb.

Sextile 6-degree orb.

Quincunx 5-degree orb.

10.5.
marks

Q2 Using only the **planets and the above orbs**, name one aspect pattern and list the planets that form this pattern. *No working out sheet required.*

1 mark

Q3 Calculate the Vertex to within one degree.
Birth latitude: 51°N58'

2 marks

Q4 What is the Lunation Phase for this chart?

2 marks

Q5 Which planet disposes Venus?
No working out sheet required

0.5 mark

Q6 Name one planet in detriment, and the sign it is in.
No working out sheet required.

1 mark

Q7 The Sun aspects Neptune: state the orb and type [applying or separating]
No working out sheet required.

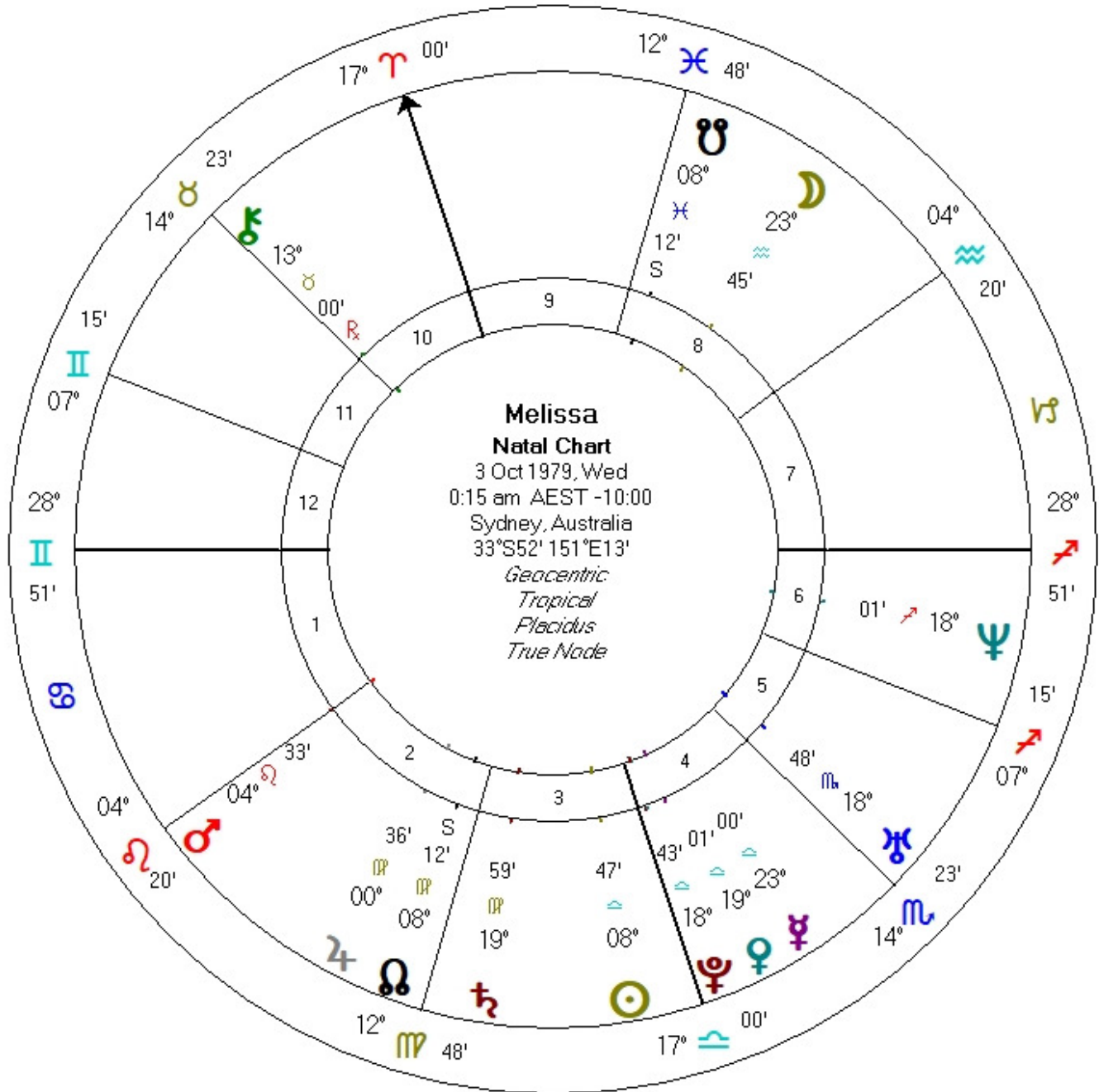
1 mark

Q8 Using the Diurnal Formula, calculate the Part of Fortune to the nearest degree.

2 marks

END OF SECTION 2

SECTION 3 – TOTAL 30 MARKS



Section 3 (Cont.)

All questions in Section 3 relate to Melissa's chart, except for Questions 8, 9 and 10.

Working out sheets to be provided with the answers in this section, unless otherwise specified.

Please note: In this section, examiners will allow for slight differences in answers depending on which Ephemerides is used.

Melissa ACD: Midnight ephemeris: ACD = 27 February 1979

- | | | |
|------------|--|---------|
| Q1 | Calculate a [12] monthly Secondary Progressed Moon table for Melissa for 2023, starting from January to the nearest 30 minutes of arc. | 6 marks |
| Q2 | How old will Melissa be when she experiences her 2nd Secondary Progressed New Moon? What degree and sign is it in? | 2 marks |
| Q3 | At what age did Melissa's Progressed Sun conjunct her natal Mercury? | 3 marks |
| Q4 | How old was Melissa when her Solar Arc Saturn was conjunct her Natal Venus? | 3 marks |
| Q5 | During 2023 transiting Saturn will oppose Melissa's natal Jupiter. List the exact GMT dates. <i>No working out sheet required.</i> | 3 marks |
| Q6 | Using a one-degree orb, both separating and applying, list the [GMT] periods in 2023/24 when Jupiter trines Melissa's natal north node.
<i>No working out sheet required.</i> | 3 marks |
| Q7 | List the exact GMT date when Melissa will experience the first hit of her next Saturn return. <i>No working out sheet required.</i> | 1 mark |
| Q8 | List the exact [GMT] dates and zodiacal degrees of all Solar and Lunar Eclipses for 2023. <i>No working out sheet required.</i> | 2 marks |
| Q9 | What are the exact [GMT] periods when Mercury is retrograde during 2023? <i>No working out sheet required.</i> | 2 marks |
| Q10 | Calculate the GMT Adjusted Calculation Date for the following birth data:
16 December 1967, 4:55pm, Warrnambool, Victoria (AEST – 10:00) | 5 marks |

END OF SECTION 3

SECTION 4 - TOTAL 20 MARKS

Answer 20 questions of a possible 24.

No working out sheets are required for Section 4.

1. If a person were born at sunrise the Sun would be in house?

- a. 1/12
- b. 5/6.
- c. 7/8
- d. 10/11

2. If Mercury trines the North Node, then it is what aspect to the South Node?

- a. Quincunx/inconjunct.
- b. Square
- c. Trine
- d. Sextile

3. Which two planets are in Mutual Reception?

- a. Venus in Aries, Mars in Aries
- b. Jupiter in Cancer, Moon in Taurus
- c. Sun in Capricorn, Saturn in Leo
- d. Mercury in Gemini, Mars in Aries

Section 4 (Cont.)

4. Which of the following is not a 12th harmonic aspect?

- a. Conjunction.
- b. Sextile.
- c. Square.
- d. Semi square.

5. Mercury takes how many days to complete one orbit of the Sun?

- a. 88.
- b. 168.
- c. 23.5
- d. 365

6 The Synodic cycle of Neptune and Uranus is?

- a. 238 years.
- b. 127 years.
- c. 171 years.
- d. 320 years.

7. Diurnal motion refers to?

- a. The Moon's movement in 24 hours
- b. Precession of the Equinoxes
- c. The Earth's daily rotation
- d. The Earth's Tilt.

Section 4 (Cont.)

8. A Sidereal Cycle of the Moon takes approximately?

- a. 30 days.
- b. 27.3 days.
- c. 29.5 days
- d. 24 hours

9. Using derived houses, which house describes your Son in Law's car?

- a. 1st
- b. 11th
- c. 7th
- d. 3rd

10. The planet Pluto is identified with which Greek God?

- a. Prometheus
- b. Apollo
- c. Zeus
- d. Hades

11. Jupiter is in fall in?

- a. Cancer
- b. Capricorn
- c. Aries
- d. Gemini.

Section 4 (Cont.)

12. The Prime Vertical is:

- a. North/South intersection of the ecliptic
- b. East /West circle perpendicular to the Meridian
- c. Intersection of the Ecliptic and Equator
- d. Another name for Vertex.

13. The direct midpoint of Saturn at 20 Leo and Mars at 10 Libra is?

- a. 15 Pisces
- b. 20 Aquarius
- c. 15 Virgo
- d. 10 Cancer

14. In Medical Astrology Jupiter is said to rule?

- a. Lungs
- b. Liver
- c. Kidneys
- d. Skin

15. What is the only planet named for a Greek God?

- a. Mercury
- b. Uranus
- c. Jupiter
- d. Saturn

Section 4 (Cont.)

16. Which of the following chart patterns is only possible with a stellium opposed by at least one other planet?

- a. Locomotive
- b. Bowl
- c. Bundle
- d. Bucket

17. The branch of Astrology associated with finding lost objects is?

- a. Astro locality
- b. Electional
- c. Horary
- d. Cosmobiology

18. The planet Uranus was officially discovered?

- a. November 1780
- b. March 1781
- c. September 1782
- d. January 1788

19. Jupiter takes approximately how many years from one conjunction of Pluto to the next?

- a. 13
- b. 10
- c. 6
- d. 20

Section 4 (Cont.)

20. Triton is the largest moon of?

- a. Saturn
- b. Jupiter
- c. Neptune
- d. Uranus

21. A chart with 2 pairs of oppositions each forming a sextile and trine the other pair is what chart pattern?

- a. Mystic rectangle
- b. Thor's Hammer
- c. Calypso
- d. Kite

22. Precession is caused by ?

- a. The Sun moving toward the Galactic Centre
- b. Vedic Astrology
- c. The Earth's tilt
- d. Gravitational pull of the Moon

Section 4 (Cont.)

23. The Sun and Venus repeat the same aspect as in the natal chart every how many Solar returns?

- a. 6 years
- b. 23 years
- c. 8 years
- d. 10 years

24. Which of the following pairs of planets are contra parallel to each other?

- a. Jupiter 10 S 15, Venus 20 N 15
- b. Sun 13 N 25, Mercury 13 N 05
- c. Uranus 18 S 15, Moon 18 N 23
- d. Saturn 22 N 11, Sun 11 N 22

END OF SECTION 4

END OF EXAM