



**2022
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 15th August 2022.
 - OR POST to the Coordinator FAA Board of Examiners (postal address above) no later than 4pm on Monday 15th August 2022. 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-FIVE multiple choice questions. You must answer TWENTY of them. (20 Marks)

GOOD LUCK

CALCULATION EXAM 2022

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) | 2 February 2022
Hobart
Standard Time Zone
Daylight Savings | 8.30am
42S53 147E19
- 10 hours east of Greenwich
yes – 1 hour | 10 marks |
| (b) | 6 March 1986
Paris, France
Standard Time Zone
Daylight Savings | 2.50pm
48N52 002E20
- 1 hour east of Greenwich
No | 10 marks |

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

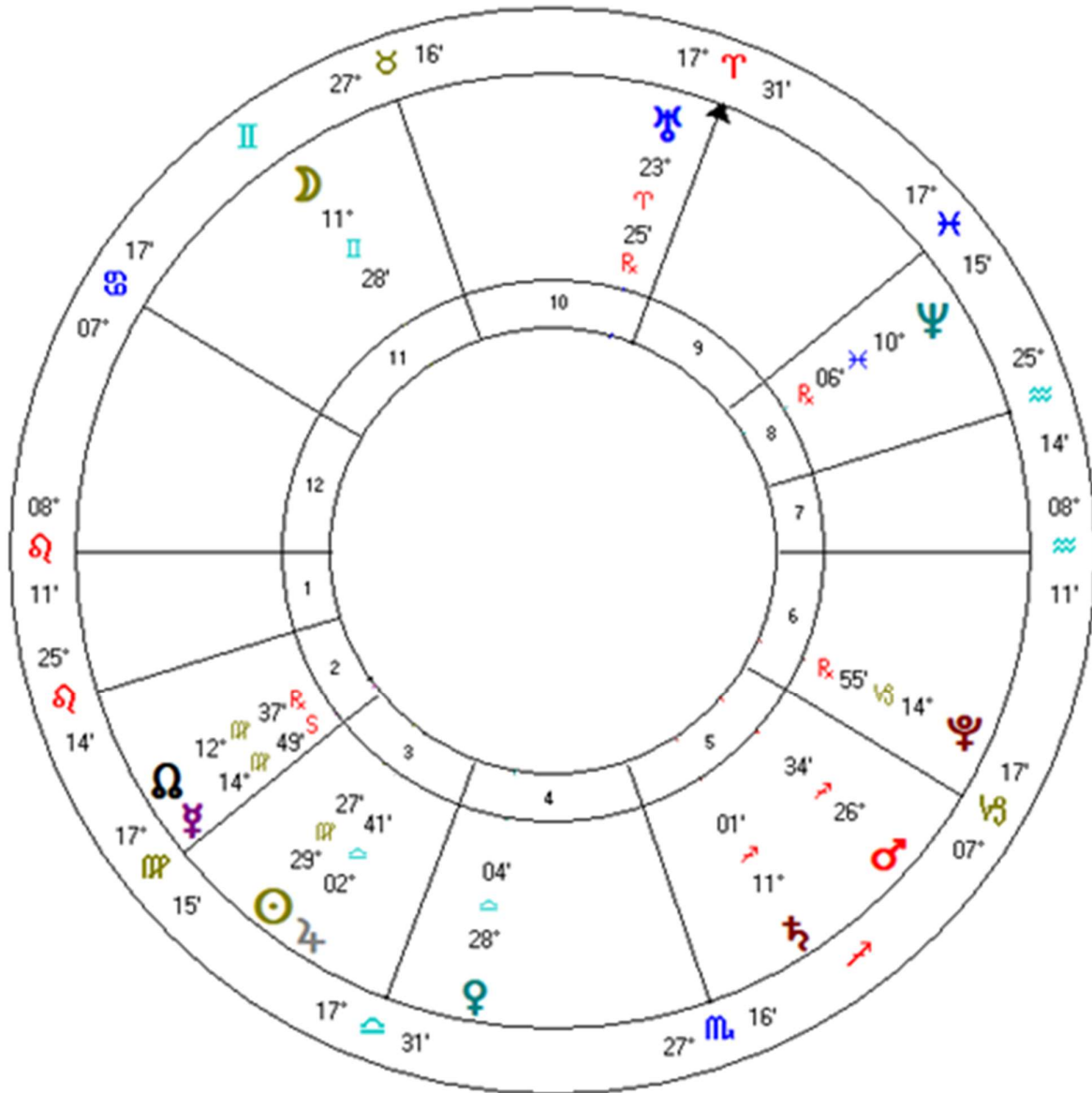
	Planet	Date	Time
a.	Sun:	2 March 2022	6.15am
b.	Moon	18 Mar 2019	2.30pm
c.	Mercury:	10 Dec 2017	9pm
d.	Venus:	12 Feb 2014	6.45pm
e.	Mars:	22 September 2016	2am

10 marks

END OF SECTION 1

SECTION 2 - Total 20 Marks

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



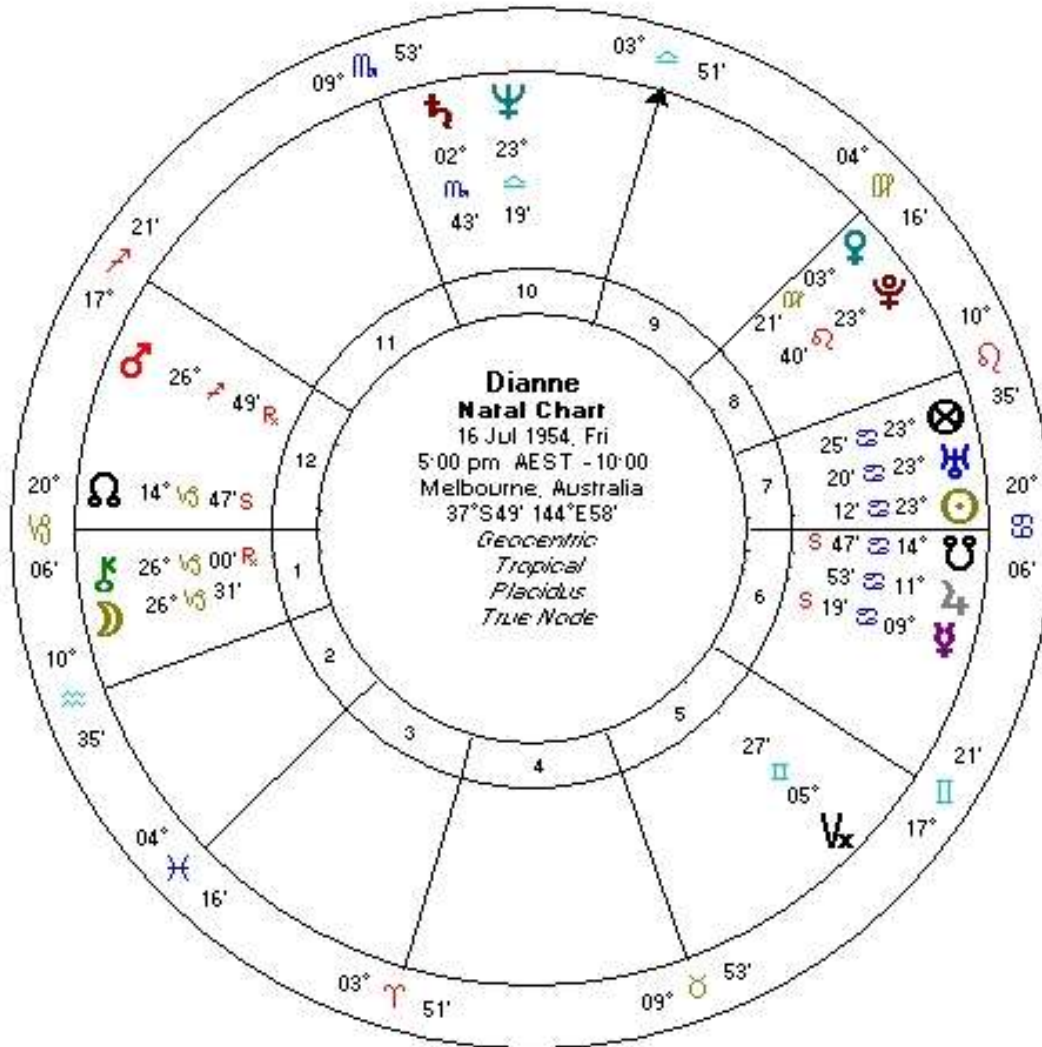
SECTION 2 (Cont.) – Total 20 Marks

***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. Use only the ten main planets provided and the North Node. *No working out sheet required*
- | | | |
|------------------|---------------|----------|
| Conjunction..... | 8-degree orb. | |
| Square | 8-degree orb. | 10 marks |
| Opposition | 8-degree orb. | |
| Trine | 8-degree orb. | |
| Sextile | 6-degree orb. | |
| Quincunx | 4-degree orb. | |
- 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 What is the Lunation Phase for this chart? 2 marks
- Q4 What is the short arc midpoint of the Moon and Mercury? 2 marks
- Q5 Which planets are intercepted? *No working out sheet required* 1 mark
- Q6 Which planet disposes the Moon? *No working out sheet required* 1 mark
- Q7 Name two planets in their dignity [rulership]? Name the planets and their signs. *No working out sheet required* 1 mark
- Q8 Using the nocturnal formula, calculate the Part of Fortune to the nearest degree 2 marks

END OF SECTION 2

SECTION 3 – TOTAL 30 MARKS



Section 3 (Cont.)

Please note: There may be a slight difference in answers in this section depending on which Ephemerides is used. The examiners will allow for this.

Working out sheets to be provided with the answer in this Question

Dianne ACD: Midnight ephemeris: ACD = 1 April 1954
Noon ephemeris: ACD = 1 October 1954

- Q1** Calculate a [12] monthly Secondary Progressed Moon table for Dianne for 2022, starting from January 1st to the nearest 30 minutes of arc. 6 marks

Section 3 (Cont. next page.)

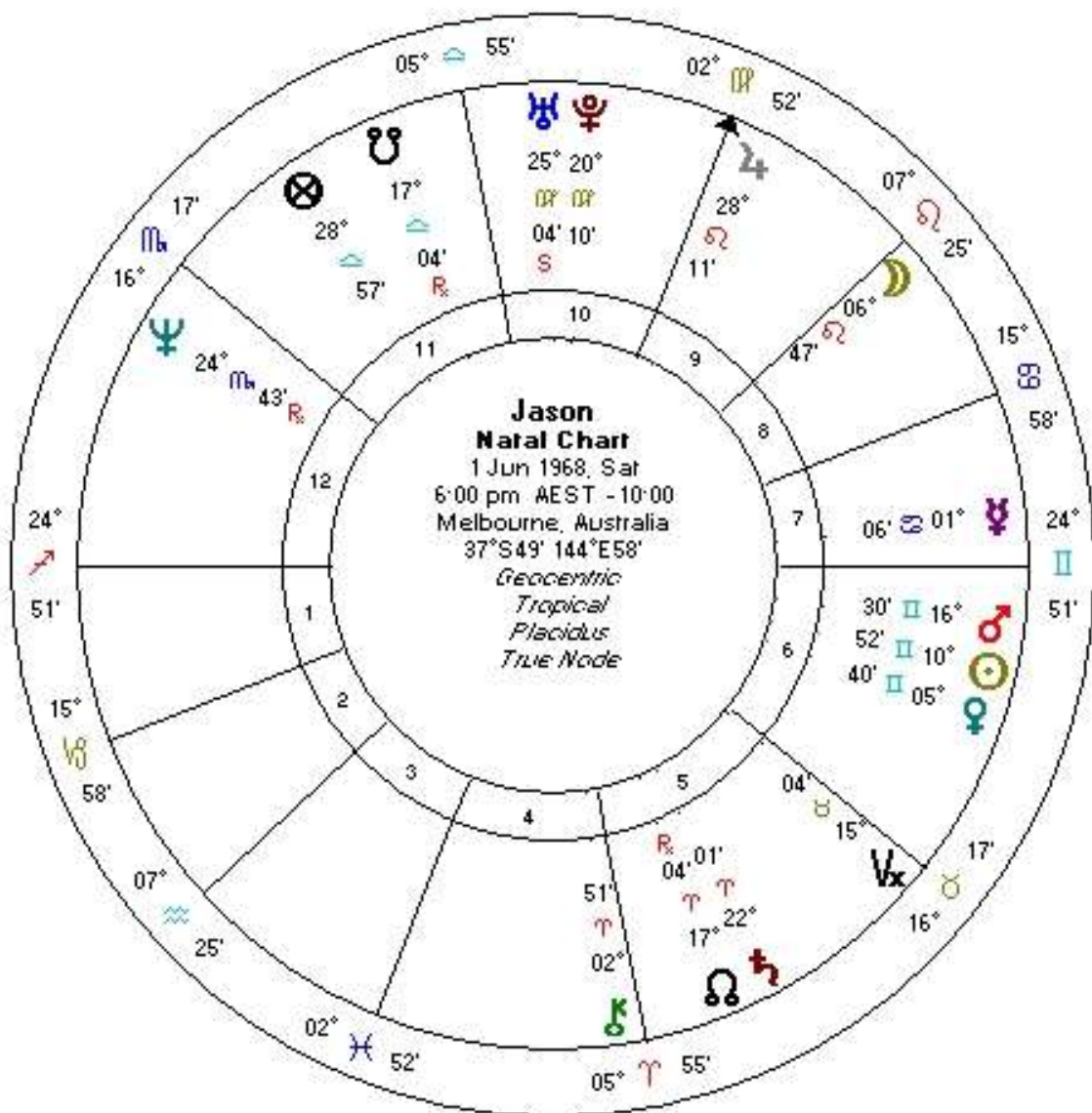
Section 3 (Cont.)

Questions from 2-7 in this section relate to Jason's chart.

Questions 8, 9 and 10 are non-chart related

All answers to be in GMT.

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



Section 3 (Cont.)

Jason ACD: Midnight ephemeris: ACD = 31 Jan 1968
Noon ephemeris: ACD = 1 Aug 1968

- Q2 How old will Jason be when he experiences his 2nd Secondary Progressed New Moon? What degree and sign was it in? 3 marks
- Q3 At what age will Jason's Progressed Sun conjunct his natal Moon? 2 marks
- Q4 How old was Jason when his Solar Arc Saturn was conjunct his Natal Venus? 3 marks
- Q5 During 2022 and 2023 transiting Neptune will trine Jason's natal Neptune. List the exact GMT dates. *No working out sheet required.* 3 marks
- Q6 Using a one-degree orb, both separating and applying, list the GMT periods in 2021 when Jupiter opposes Jason's natal Jupiter. *No working out sheet required.* 3 marks
- Q7 List the exact GMT date when Jason will experience the first hit of his next Saturn return. *No working out sheet required.* 1 mark
- Q8 List the exact [GMT] dates and zodiacal degrees of all Solar and Lunar Eclipses for 2022. *No working out sheet required.* 2 marks
- Q9 What were the exact [GMT] periods when Mercury was retrograde during 2022? *No working out sheet required.* 2 marks
- Q10 Calculate the GMT **Adjusted Calculation Date** for the following birth data:
November 2, 1998:
10:30pm
Sydney, NSW, Australia
Standard Time Zone: -10 hours (daylight savings in effect) 5 marks

END OF SECTION 3

SECTION 4 - TOTAL 20 MARKS

Answer 20 questions of a possible 25

***No working out sheets are required for Section 4.
Please fill in your answers in the answer book provided.***

1. The Sun is in its detriment in what sign?
 - a. Cancer
 - b. Capricorn
 - c. Taurus
 - d. Aquarius

2. The maximum separation between Venus and the Sun in a geocentric chart is what degree?
 - a. 68
 - b. 48
 - c. 28
 - d. 110

3. The Nodal cycle of the earth's Moon takes approximately how many years?
 - a. around 9 ½ years
 - b. around 27 years
 - c. around 18/19 years
 - d. around 35/36 years

4. The Sun crosses the Celestial Equator at:
 - a. The Equinoxes
 - b. Mid-point of the Fixed Stars
 - c. Zero degrees Aries in the Northern Hemisphere and Zero degrees in the Southern Hemisphere
 - d. The Solstices

5. The term aphelion means?
 - a. Furthest distance from the Sun
 - b. Closest point to the Sun
 - c. Blocking the light of the Sun
 - d. At right angles to the Sun

6. The difference between the Sidereal and Synodic revolution of the Moon (New Moon to New Moon) is approximately:
 - a. 2 hours
 - b. 2 days
 - c. ¼ day per year
 - d. 18 years

Section 4 (Cont.)

7. Venus goes retrograde, approximately every?
- 2 years
 - 6 months
 - 11 months
 - 19 months
8. Which of the following pairs of planets are in mutual reception?
- Venus in Leo and Sun in Libra
 - Jupiter in Sagittarius and Saturn in Aquarius
 - Moon in Gemini and Mercury in Cancer
 - Sun in Capricorn and Mars in Leo
9. If two planets are parallel one another, they are:
- Conjunct each other in zodiacal longitude
 - The equal distance North or South of the Equator
 - Equi-distant from the ecliptic
 - Both in signs of their fall
10. An aspect of 45 degrees is known as:
- Septile
 - Semi – square
 - Quintile
 - Semi- sextile
11. Saturn and Jupiter come into conjunction about every
- 60 years
 - 20 years
 - 7 years
 - 15 years
12. The Vertex/Antivertex axis in a birth chart is the intersection of which two great circles?
- The horizon and the ecliptic
 - The prime vertical and the ecliptic
 - The prime meridian and the ecliptic
 - The celestial equator and the ecliptic

Section 4 (Cont.)

13. What is the rate of Precession that exists between the Sidereal Zodiac and the Tropical Zodiac for each year?
- 4 minutes
 - 3 minutes 54 seconds
 - 10 seconds
 - 50.25 seconds
14. An eclipse depends on the astrological relationship between?
- Sun, Moon and Asc
 - Sun, Node and Asc
 - Sun, Moon and Node
 - Moon, Node and Asc
15. In Roman mythology, who was the god of war?
- Saturn
 - Mars
 - Cronus
 - Pollux
16. In Medical Astrology the nervous system is ruled by:
- Cancer
 - Taurus
 - Virgo
 - Gemini
17. The Precession of the Equinoxes is known as the "Great Year". The Great Year is approximately:
- 2160 years
 - 365 days
 - 25,800 years
 - 12,000 years
18. What year was Uranus discovered?
- 1791
 - 1881
 - 1781
 - 1891

Section 4 (Cont.)

19. Saturn is exalted in what sign?

- a. Capricorn
- b. Aquarius
- c. Libra
- d. Scorpio

20. An intercepted sign is one that:

- a. Contains no planets or nodes
- b. Is totally contained within a house
- c. Contains its ruling planet
- d. None of the above

21. During 2022 what aspect was Jupiter making to Neptune?

- a. Square
- b. Quincunx
- c. Conjunction
- d. Trine

22. Using the derived house system, which house would represent your husband's sister?

- a. 7th house
- b. 10th house
- c. 9th house
- d. 11th house

23. A person has Sun at 28 Gemini, Moon at 3 Scorpio, Jupiter at 26 Aries, and Uranus at 1 Capricorn. The aspect pattern formed is known as?

- a. Grand Trine
- b. Yod
- c. Kite
- d. Mystic Rectangle

24. When wanting a question answered astrologically, you would use:

- a. Relationship Astrology
- b. Mundane Astrology
- c. Horary Astrology
- d. Electional Astrology

Section 4 (Cont.)

25. At what age would you expect the Uranus return to occur?
- a. Around 84 years
 - b. Around 49 years
 - c. Around 14 years
 - d. Around 54 years

END OF SECTION 4

END OF EXAM