



**2021  
CALCULATION EXAM**

**PLEASE RED 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.
- **Please give yourself the best chance of gaining marks towards passing this Exam by returning 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 a TWO separate high-resolution PDF files (300dpi).  
1 Answer Booklet & 2 your Working out sheets. Email to the Coordinator by 4pm on Monday 16th August 2021.
- OR POST to the Coordinator FAA Board of Examiners (postal address above) no later than 4pm on Monday 16th August 2021. 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 2021

### 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) | 14 January 1981<br>Warragul, VIC Australia<br>Standard Time Zone<br>Daylight savings | 3:00 am<br>38S10 145E56<br>- 11 hours east of Greenwich<br>yes – 1 hour | 10 marks |
| (b) | 4 April 1991<br>Auckland, NZ<br>Standard Time Zone<br>Daylight savings               | 9:00 am<br>36S52 174E46<br>- 12 hours east of Greenwich<br>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.

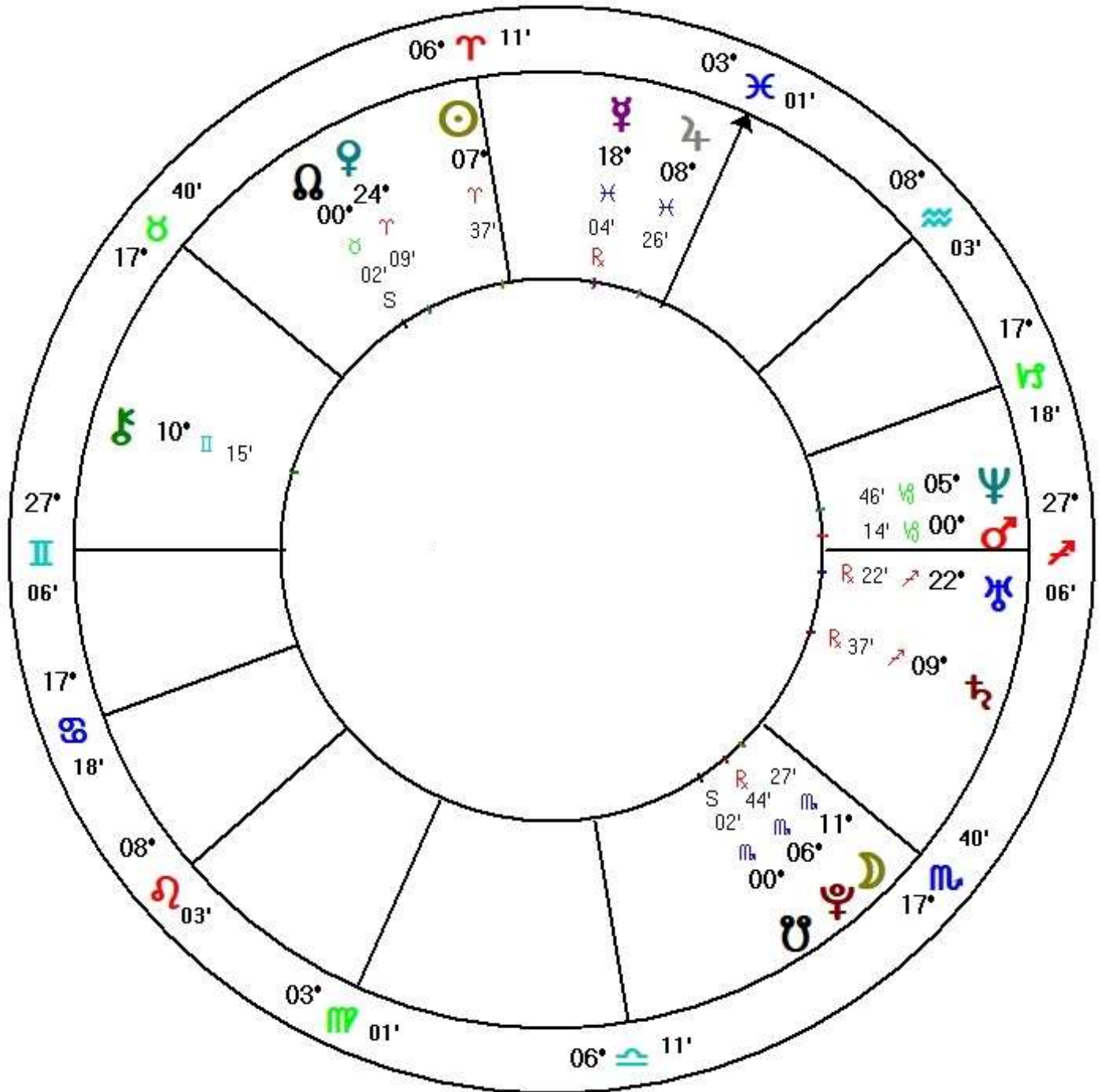
	Planet	Date	Time
a.	Sun	1 January 2002	3:16am
b.	Moon	15 December 1960	10:20am
c.	Mercury	3 June 1995	2:00pm
d.	Venus	21 March 2015	8:30am
e.	Mars	30 April 1981	9:45pm

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:** Chiron & the Nodes are not required. *No working out sheet required*
- |                  |               |         |
|------------------|---------------|---------|
| Conjunction..... | 8-degree orb. |         |
| Square .....     | 8-degree orb. | 9 marks |
| Opposition ..... | 8-degree orb. |         |
| Trine .....      | 8-degree orb. |         |
| Sextile .....    | 6-degree orb. |         |
| Quincunx .....   | 4-degree orb. |         |
- Q2 Using the planets only (including Chiron) [and the above orbs], name two aspect patterns and list the planets that form these patterns. *No working out sheet required* 2 marks
- Q3 What is the Lunation Phase for this chart? 1 mark
- Q4 What is the short arc midpoint of Moon and Venus? 2 marks
- Q5 What planet is the chart ruler? 1 mark
- Q6 Using modern and/or traditional planets, list one planet in its detriment, one planet in its rulership, and one planet in its exaltation 1.5 marks
- Q7 Which planet rules the Ascendant; what sign and house is it in? 1.5 marks
- Q8 Using the diurnal formula, calculate the Part of Fortune to nearest degree. 2 marks

**END OF SECTION 2**



### SECTION 3 (Cont.)

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

**All answers to be in GMT.**

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

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.

**Kamal Harris' ACD:** Midnight ephemeris: ACD = 29 August 1964  
Noon ephemeris: ACD = 28 February 1964

- |    |  |           |
|----|--|-----------|
| Q1 | Calculate a [12] monthly Secondary Progressed Moon table for Kamala Harris for 2022, starting from January 29 to the nearest 30 minutes of arc.                      | 6 marks   |
| Q2 | How old will Kamala be when she experiences her 3 <sup>rd</sup> Secondary Progressed Full Moon? What degree and signs?   | 3 marks   |
| Q3 | At what age will Kamala's Progressed Sun conjunct her natal Descendant?  | 2 marks   |
| Q4 | How old will Kamala be when her Solar Arc Venus conjuncts her natal Neptune?   | 3 marks   |
| Q5 | During 2021 and 2022 transiting Pluto squares Kamala's Moon. List the <u>exact</u> 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 when Transiting Neptune squares Kamala's Ascendant. <i>No working out sheet required.</i> | 3 marks   |
| Q7 | List the exact GMT date when Kamala will experience her 2 <sup>nd</sup> Saturn Return. <i>No working out sheet required.</i>   | 1.5 marks |
| Q8 | List the exact [GMT] dates and zodiacal degrees of all Solar and Lunar Eclipses for 2022. <i>No working out sheet required.</i>                                      | 2 marks   |



**SECTION 3 (Cont.)**

Q9

What are the exact [GMT] periods when Mercury retrogrades during 2021?  
*No working out sheet required.*

1.5 marks

Q10

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

22 January 1991

7.15 am

Sydney, NSW, Australia

Standard Time Zone: -10 hours (Daylight Savings Time in effect)

5 marks

**END OF SECTION 3**

## SECTION 4 - TOTAL 20 MARKS

Answer ONLY 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. Under which Natal Lunation Phase would a person be born with their Sun at 29 degrees Aquarius and their Moon at 20 Leo?
  - a. New Moon
  - b. Gibbous
  - c. Full Moon
  - d. Disseminating
  
2. Uranus was discovered in:
  - a. 1881
  - b. 1781
  - c. 1791
  - d. None of the above
  
3. In Australia, the Sun is at its fastest at the:
  - a. Autumn Equinox
  - b. Summer Solstice
  - c. Spring Equinox
  - d. Winter Solstice
  
4. The Sun reaches its maximum declination north and south of the equator [and is overhead at the Tropic of Capricorn and Cancer] at:
  - a. The Equinoxes
  - b. The Solstices
  - c. Beginning of Spring
  - d. None of these
  
5. A chart has the Sun quincunx Jupiter, Sun sextile Saturn, Jupiter quincunx. This aspect pattern is called a:
  - a. Trine
  - b. Mystical Rectangle
  - c. T-Square
  - d. Yod
  
6. The planet Venus goes Retrograde approximately every 18 months, for how long?
  - a. Approx. 9 weeks
  - b. Approx. 6 weeks
  - c. Approx. 3 weeks
  - d. Different lengths of time depending on which sign it is in

## Section 4 (Cont.)

7. The Void-of-Course Moon means:
  - a. The moon is no longer in a sign
  - b. The Moon will not make any further aspects in that sign
  - c. The Moon is at its furthest point from the earth
  - d. The rotation of the Moon has caused it to go off course
  
8. Mary is born with Pluto at 13 Sagittarius and her Sun is at 2 Taurus. What age will Mary be when her Solar Arc Sun makes an exact opposition to her Pluto?
  - a. 38 years
  - b. 41 years
  - c. 23 years
  - d. 29 years
  
9. The astrology of countries is called:
  - a. Horary astrology
  - b. Relocational astrology
  - c. Mundane astrology
  - d. None of the above
  
10. Using the derived house system, which house represents your neighbour's child:
  - a. 11<sup>th</sup> House
  - b. 7<sup>th</sup> House
  - c. 6<sup>th</sup> House
  - d. 9<sup>th</sup> House
  
11. Which planet is both accidentally dignified and in its fall?
  - a. Mars Cancer in 1<sup>st</sup>
  - b. Venus Scorpio in 7<sup>th</sup>
  - c. Mars Capricorn in 10<sup>th</sup>
  - d. Mercury Gemini in 4<sup>th</sup>
  
12. During Daylight Saving, clocks are:
  - a. Moved back one hour
  - b. Amount of time varies from year to year
  - c. Moved back and forward, depending on the country
  - d. Moved forward one hour

## Section 4 (Cont.)

13. Pluto's Moon is:
  - a. Charon
  - b. Chryses
  - c. Calliso
  - d. None of the above
  
14. The Saturn Uranus conjunction takes place about every:
  - a. 36 years
  - b. 45 years
  - c. 171 years
  - d. None of the above
  
15. What is the Tropical Zodiacal position of the Sun at the Vernal Equinox in the Northern Hemisphere?
  - a. 0 degrees Cancer
  - b. 0 degrees Libra
  - c. 0 degrees Capricorn
  - d. 0 degrees Aries
  
16. In Medical Astrology the feet are ruled by:
  - a. Pisces
  - b. Aquarius
  - c. Aries
  - d. Taurus
  
17. What planetary chart pattern would be indicated by a Natal Chart that has all the planets located between 15 degrees Aquarius and 28 degrees Scorpio with no planets in Sagittarius, Capricorn or Pisces?
  - a. Locomotive
  - b. Bowl
  - c. Bucket
  - d. Splash
  
18. Which planet is 'exalted' in the sign of Pisces?
  - a. Moon
  - b. Neptune
  - c. Venus
  - d. Jupiter

## Section 4 (Cont.)

19. Moon is said to be dignified in what house?
- Fourth house
  - First house
  - Eleventh house
  - Ninth house
20. Which sign is not a fixed sign?
- Cancer
  - Taurus
  - Aquarius
  - Leo
21. Which two planets are in mutual reception?
- Mars in Aries and Venus in Taurus
  - Moon in Taurus and Venus in Cancer
  - Moon in Cancer and Mercury in Gemini
  - Mars in Scorpio and Pluto in Pisces
22. The Nodal Return occurs every:
- 18 ½ years
  - 12 years
  - 20 years
  - None of the above
23. The term 'Aphelion' means:
- Closest point to the Sun
  - Furthest distance from the Moon
  - Blocking the Sun's light
  - Furthest distance from the Sun
24. When person A is born at 1.15 am and person B is born at 2.30 am in the same hospital on same day, then 2<sup>nd</sup> person B has their Ascendant:
- At the same degree of zodiacal longitude but with a different MC
  - At an earlier degree of zodiacal longitude
  - Cannot tell without calculating the chart
  - At a later degree of zodiacal longitude

#### **Section 4 (Cont.)**

25. When the Moon in its monthly cycle crosses the ecliptic moving South, this is called:
- a. The Lunar Eclipse
  - b. The South Node
  - c. The North Node
  - d. The Dark Moon

**END OF SECTION 4**

**END OF EXAM**