

Q12 Which *two* of the following properties of a suspected meteorite sample are *not necessarily* indicators of an extraterrestrial origin? Pencil across *two* cells in row 12.

KEY for Q12

- A Chondrules
- B Organic materials
- C A well-developed Widmanstätten pattern
- D Fusion crust
- E Hydrated minerals
- F Spinels with $\delta^{18}\text{O} = \delta^{17}\text{O} = -40\text{‰}$
- G SiC containing xenon with an s-process isotope composition

Q13 Which *two* of the following are examples of extraterrestrial bodies that have *not* been subjected to extensive melting processes. Pencil across *two* cells in row 13.

KEY for Q13

- A Carbonaceous chondrites
- B SNC meteorites
- C 10 μm -sized micrometeorites
- D Cosmic spherules
- E Achondrites
- F Iron meteorites
- G Nakhilites

PART C: FEEDBACK QUESTIONS – BLOCK 2 (Not assessed)

This Part contains questions designed to help the S281 Course Team evaluate the Course. They do not carry any marks for this assignment, but if you can spare a few minutes to answer the following questions, we would be very grateful. The information you provide will help us to improve the Course for future years.

Q14 Please estimate your total study time for the *Project Work* (including reading the project file, watching video sequence 1, making the observations and writing up) and select *one* answer from A to D in the key. How interesting did you find the project work? Select *one* answer from E to G in the key. Pencil across *two* cells in row 14.

KEY for Q14

- | | |
|---------------------|------------------------|
| A Less than 9 hours | E Very interesting |
| B 9–18 hours | F Fairly interesting |
| C 18–27 hours | G Not very interesting |
| D Over 27 hours | |

Q15 Please tell us which of the projects you actually carried out (without resorting to the back-up data). Pencil across *up to six* cells in row 15.

KEY for Q15

- A I didn't do any of the projects
- B In and around Orion
- C Limiting visual stellar magnitudes
- D Sidereal/mean solar day
- E Sunspots, and solar rotation
- F The luminosity of the Sun
- G The Moon

Q16 Which (if any) of the projects did you find particularly difficult to do? Make as many responses as necessary. Pencil across *up to six* cells in row 16.

KEY for Q16

- A I didn't do any of the projects
- B In and around Orion
- C Limiting visual stellar magnitudes
- D Sidereal/mean solar day
- E Sunspots, and solar rotation
- F The luminosity of the Sun

G The Moon

H No difficulties

Q17 to Q24 These questions refer to Book 2. Each question refers to one of the chapters of Book 2, and asks about the length of time you took to study it and how interesting you found it.

KEY for Q17 to Q24

- | | |
|---------------------|------------------------|
| A Less than 4 hours | E Over 15 hours |
| B 4–8 hours | F Very interesting |
| C 8–12 hours | G Fairly interesting |
| D 12–15 hours | H Not very interesting |

Q17 Please estimate your total study time for Chapter 1 (including any assignment questions and audio band 2) and select *one* answer from A to E in the key. What was your overall impression of the chapter? Was it interesting? Select *one* answer from F to H in the key. Pencil across *two* cells in row 17.

Q18 Please estimate your total study time for Chapter 2 (including any assignment questions) and select *one* answer from A to E in the key. What was your overall impression of the chapter? Was it interesting? Select *one* answer from F to H in the key. Pencil across *two* cells in row 18.

Q19 Please estimate your total study time for Chapter 3 (including any assignment questions and video sequence 5) and select *one* answer from A to E in the key. What was your overall impression of the chapter? Was it interesting? Select *one* answer from F to H in the key. Pencil across *two* cells in row 19.

Q20 Please estimate your total study time for Chapter 4 (including any assignment questions, video sequence 6 and TV programme 4) and select *one* answer from A to E in the key. What was your overall impression of the chapter? Was it interesting? Select *one* answer from F to H in the key. Pencil across *two* cells in row 20.

Q21 Please estimate your total study time for Chapter 5 (including any assignment questions) and select *one* answer from A to E in the key. What was your overall impression of the chapter? Was it interesting? Select *one* answer from F to H in the key. Pencil across *two* cells in row 21.