

AstroChallenge MCQ Round

Instructions

- Juniors to the right side of the LT (near the podium), Seniors on the left side of the LT
- Alternate seating please
- You should have:
 - 1 Question Booklet (of the correct category)
 - 1 Answer Sheet
 - 1 Formula Book
- You can leave up to 7 blanks without penalty
- You may turn in your scripts early (except during the last 15 minutes)

Corrigendum

- Junior
 - Page 6, Q15, Option B: Replace large with massive
 - Page 10, Q37 : Assume the Sun has a surface temperature of 6000K
- Senior:
 - Q4 is voided
 - Page 11, Q38: ... thought to be typical examples ...
 - Option A: I, II, V
 - Option B: I, IV, VI
 - Option C: II, III, IV
 - Option D: II, IV, V
 - Option E: I, III, VI

Answers (Junior)

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
A	E	B	E	B	E	A/B	A	C	A
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
B	D	E	A	C	C	C	D	A	C
Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30
A	B	C	D	E	D	D	D	B	C
Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40
E	B	C	C	C	C	D	C	A	C
Q41	Q42	Q43	Q44	Q45	Q46	Q47	Q48	Q49	Q50
A	D	C	C	C	C	D	C	C	B

Answers (Senior)

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
C	B	C	-	E	D	E	B	D	C
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
B	D	D	D	D	B	C	B	B	A
Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30
D	C	E	D	C	D	B	D	B	C
Q31	Q32	Q33	Q34	Q35	Q36	Q37	Q38	Q39	Q40
D	C	E	E	B	C	C	B	E	C
Q41	Q42	Q43	Q44	Q45	Q46	Q47	Q48	Q49	Q50
C	D	B	C	A	B	B	C	B	A