



**Resonance**  
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**INDIAN ASSOCIATION OF PHYSICS TEACHERS  
NATIONAL STANDARD EXAMINATION IN  
ASTRONOMY 2013-2014**

Date of Examination: 24th November 2013

Time : 15.00 to 17.00 Hrs.

**CODE - 487**

**ANSWER KEY**

Ques	Ans	Ques	Ans	Ques	Ans	Ques	Ans
1	a	21	c	41	a	61	a
2	a	22	b	42	c	62	c
3	b	23	a	43	c	63	a
4	a	24	d	44	d	64	c
5	d	25	a	45	d	65	c
6	b	26	a	46	b	66	c
7	a	27	c	47	c	67	c
8	a	28	d	48	c	68	b
9	a	29	d	49	a	69	d
10	b	30	c	50	d	70	d
11	c	31	a	51	a	71	b
12	c	32	d	52	a	72	a
13	b	33	d	53	a	73	b
14	b	34	b	54	b	74	c
15	b	35	b	55	b	75	a
16	d	36	d	56	a	76	d
17	b	37	b	57	c	77	b
18	c	38	b	58	a	78	c
19	b	39	b	59	c	79	a
20	b	40	d	60	b	80	a

28. (A) Question is incomplete here  $1 < a < b < c < d < e$  should be then answer is (a)
66. (D) Question is incomplete according to option area of triangle A,B,C is asked so area of triangle ABC is 0 . So answer is (D)
70. (A) Data is wrong correct data is  $\frac{a^n + b^n}{a^{n-1} + b^{n-1}}$  . So answer is (A)