

**SỞ GIÁO DỤC VÀ ĐÀO TẠO
HƯNG YÊN**

ĐÁP ÁN CHÍNH THỨC
(Đáp án gồm 6 trang)

KỲ KHẢO SÁT CHẤT LƯỢNG LỚP 12 THPT NĂM 2019

Bài thi: KHOA HỌC TỰ NHIÊN

Ngày thi: 03/12/2019

Phần đáp án câu trắc nghiệm:

Mã đề Câu	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224
1	B	A	D	B	B	B	A	A	B	C	D	D	C	C	B	C	B	C	A	C	D	A	D	C
2	A	A	D	D	A	C	A	A	B	B	D	A	A	D	A	D	C	B	D	B	A	A	D	B
3	D	C	B	B	B	D	B	D	D	B	B	C	D	D	B	C	A	C	A	B	A	A	A	C
4	C	C	B	D	D	B	B	D	B	D	C	B	C	B	D	A	D	B	B	A	C	D	D	D
5	B	A	B	B	C	A	A	C	D	B	D	A	B	B	D	A	A	C	B	B	A	A	C	D
6	D	A	D	A	B	D	C	C	A	C	C	A	D	A	D	A	A	A	C	C	A	B	A	A
7	C	D	C	B	A	B	D	A	B	B	D	D	C	D	B	D	A	A	A	B	B	C	C	B
8	B	B	D	C	C	D	A	A	D	B	B	B	B	C	A	D	B	D	C	C	B	A	C	D
9	D	D	D	C	D	A	A	A	B	C	B	A	D	D	B	D	C	D	B	C	A	B	C	B
10	D	C	B	A	D	D	C	D	D	C	C	D	A	B	B	B	D	A	C	A	B	C	D	B
11	B	D	D	B	D	B	A	B	C	A	B	A	B	D	A	D	B	A	C	C	C	B	A	D
12	C	D	B	B	C	C	D	D	C	B	D	D	D	C	A	C	A	D	C	A	A	A	A	B
13	D	A	B	D	C	A	A	D	D	B	C	D	D	A	C	D	D	C	A	D	D	C	A	B
14	C	D	B	C	C	B	A	A	D	C	C	D	C	B	D	B	D	C	D	C	D	C	B	D
15	B	D	B	B	A	B	A	A	B	D	D	C	A	B	D	C	D	B	A	A	B	A	A	D
16	A	C	C	A	D	A	B	A	B	B	A	D	D	D	D	B	A	C	D	B	B	D	A	B

17	A	D	A	C	A	C	C	B	D	B	B	D	B	D	D	A	D	D	A	C	A	D	B	B
18	C	D	B	B	A	D	C	C	C	D	C	C	B	C	C	A	D	B	C	B	C	B	A	A
19	A	D	C	D	A	C	A	A	C	C	A	D	C	D	A	C	A	C	B	A	B	D	A	B
20	B	B	D	B	B	B	D	D	B	A	A	B	B	D	B	D	C	C	B	B	A	D	C	C
21	D	A	A	A	A	B	D	A	D	A	C	A	C	C	A	A	B	B	C	C	D	C	A	A
22	B	A	B	B	A	C	A	A	D	C	D	D	C	A	C	C	A	D	C	C	C	B	A	C
23	C	D	A	C	C	C	C	A	B	C	B	C	B	C	A	C	D	C	D	C	D	D	C	D
24	A	A	A	B	D	B	D	C	D	B	D	C	D	C	D	B	A	C	C	D	B	B	C	C
25	A	C	A	A	D	C	A	D	D	D	B	C	C	C	C	D	C	A	A	A	D	B	A	C
26	B	D	C	A	A	A	B	B	B	D	D	B	A	A	A	B	D	A	C	D	B	B	D	A
27	A	B	D	C	B	C	B	A	B	A	B	B	B	C	C	B	B	D	B	A	C	B	D	B
28	B	B	C	B	D	B	A	C	B	C	A	D	D	D	C	C	D	B	C	A	C	A	D	A
29	A	B	C	A	D	A	B	A	D	B	B	D	A	C	B	A	A	D	A	C	A	D	C	B
30	C	C	C	B	D	D	D	A	A	A	B	B	D	C	B	D	D	C	B	B	C	B	A	A
31	D	A	B	B	C	D	B	C	B	A	B	A	D	A	D	C	C	D	B	A	A	C	B	B
32	A	A	A	C	B	B	A	B	C	D	C	D	C	D	A	A	A	A	B	A	D	C	C	A
33	A	C	B	A	D	A	B	D	C	B	B	A	B	D	C	C	C	D	A	A	C	D	D	A
34	B	D	A	C	B	D	C	D	A	D	D	A	A	C	C	C	B	B	A	D	A	D	B	D
35	B	A	D	D	C	A	C	B	A	D	C	B	C	C	D	D	C	C	A	C	D	A	A	D
36	D	D	D	D	B	B	A	B	A	D	D	C	B	B	D	D	D	D	B	B	C	D	D	D
37	C	D	D	C	A	C	B	B	D	A	D	B	B	D	D	C	B	B	C	D	C	C	A	D
38	B	A	C	C	C	A	D	B	C	D	D	D	C	A	C	A	D	B	C	A	D	C	D	C
39	D	D	A	D	B	B	A	B	D	B	D	B	B	A	D	C	B	D	C	D	A	B	C	D
40	C	A	C	A	C	D	B	D	B	B	C	D	A	D	C	C	A	C	C	B	D	C	A	A
41	B	D	B	B	B	D	C	A	C	B	B	B	C	C	A	B	B	D	D	A	A	C	D	D
42	C	B	D	A	C	C	B	C	C	C	B	A	C	D	D	C	A	A	A	B	B	B	B	B

43	C	A	A	D	C	C	D	A	D	B	B	B	D	B	A	D	B	D	B	B	B	D	B	A
44	A	C	A	B	A	C	A	D	D	C	B	B	C	D	A	C	D	D	D	C	A	A	C	C
45	B	A	B	C	D	A	D	B	C	D	C	C	C	D	C	B	D	C	A	A	D	C	C	B
46	B	C	D	C	C	C	D	C	B	C	B	A	B	A	B	A	B	A	A	B	B	A	A	B
47	A	B	A	D	C	B	D	C	D	C	D	B	C	C	B	A	A	B	C	C	C	B	D	B
48	B	D	A	B	D	C	C	C	D	C	B	D	C	B	C	B	B	A	B	D	C	C	D	D
49	A	A	C	B	B	B	C	B	A	B	B	A	A	B	B	A	A	A	D	D	A	B	B	B
50	B	B	B	C	D	B	D	C	B	C	B	C	C	A	B	A	D	B	A	D	D	B	C	D
51	B	D	C	B	A	C	A	C	C	A	B	A	C	B	D	D	C	B	D	A	B	A	D	D
52	A	B	D	B	D	C	C	B	A	D	B	C	D	D	B	D	A	B	B	C	A	A	D	A
53	B	A	C	B	A	D	C	B	A	B	B	C	B	B	B	A	C	B	C	A	A	B	D	D
54	C	A	A	C	A	A	D	A	B	C	C	A	A	B	D	A	D	D	B	C	C	C	D	A
55	D	A	D	B	D	B	D	C	B	D	C	D	B	A	C	D	C	B	C	B	C	B	D	B
56	D	A	B	B	B	B	A	B	B	C	A	D	A	B	D	D	D	A	C	B	D	C	C	C
57	A	A	B	C	A	C	C	B	D	D	C	B	A	C	D	C	B	A	C	C	D	C	D	C
58	D	C	A	C	C	C	D	D	D	D	B	A	C	B	D	C	C	D	D	C	C	B	B	A
59	C	D	B	C	B	B	A	A	D	C	D	B	A	D	C	C	B	D	A	A	C	B	B	D
60	A	C	C	C	D	D	D	C	A	B	A	C	C	D	B	B	A	D	B	A	B	B	A	C
61	B	A	A	B	C	A	A	C	D	A	B	A	D	A	B	B	B	B	D	C	C	B	B	B
62	A	C	D	A	A	A	C	C	C	A	A	B	C	D	C	A	D	C	D	C	B	C	C	C
63	B	B	B	A	C	C	D	A	A	A	D	A	A	B	A	C	D	C	A	C	C	B	B	D
64	C	B	B	D	B	C	A	C	C	C	C	C	D	B	C	A	C	D	B	B	D	B	D	C
65	B	D	C	B	A	A	D	B	D	D	A	D	A	C	B	B	B	C	C	A	A	C	C	B
66	D	D	D	A	B	A	B	A	C	D	C	C	D	D	A	A	A	D	C	B	A	A	C	A
67	B	B	C	D	A	B	C	B	C	A	C	C	A	C	D	C	D	C	B	D	B	A	B	A
68	D	C	D	D	C	D	A	A	B	B	D	A	C	A	D	D	D	C	A	A	A	B	C	A

69	B	C	D	C	A	A	C	A	B	C	A	D	D	A	A	A	A	C	B	A	C	C	C	B
70	A	C	B	A	B	B	D	D	A	A	D	C	A	B	A	C	A	C	A	A	D	C	D	C
71	D	A	B	C	B	A	B	C	B	A	D	C	D	A	D	A	A	D	B	B	A	B	B	D
72	D	C	A	C	C	D	A	C	B	D	D	A	D	C	A	A	A	B	B	B	B	A	A	B
73	D	A	D	C	D	D	A	A	D	C	B	A	B	B	D	C	D	A	B	A	B	B	A	C
74	B	D	D	A	A	D	D	A	A	C	D	C	B	A	C	C	D	C	B	B	C	C	B	A
75	A	A	D	B	D	D	B	C	B	C	D	C	B	B	A	B	B	D	B	C	B	D	B	C
76	B	B	B	D	C	C	D	B	B	D	A	B	A	A	A	D	C	D	D	C	A	B	B	A
77	C	D	B	C	D	A	C	C	B	C	A	C	C	C	D	D	D	C	D	D	D	C	A	C
78	D	D	D	C	C	D	D	B	B	A	B	B	C	A	C	A	C	B	B	B	D	B	B	D
79	A	B	B	C	B	A	A	D	C	B	D	A	C	C	B	D	A	C	D	A	A	A	D	C
80	D	B	D	C	C	C	D	A	C	D	B	C	A	C	B	A	B	A	C	B	C	B	A	D
81	D	D	B	A	C	A	C	D	D	B	A	D	C	D	B	C	C	A	B	B	D	D	B	B
82	C	D	A	A	C	A	D	D	A	A	C	D	A	B	C	D	D	A	C	C	D	B	C	C
83	B	B	B	D	A	D	A	B	A	B	B	A	D	B	B	D	C	D	D	D	A	D	B	C
84	A	D	B	B	B	C	B	B	C	B	A	C	A	C	A	A	C	B	B	C	B	D	D	D
85	A	A	D	B	A	B	C	D	A	B	D	D	D	D	B	B	C	C	D	A	C	C	D	D
86	B	A	A	B	A	B	C	B	A	B	C	D	A	A	D	D	C	D	A	A	B	C	A	C
87	A	B	A	B	C	A	A	A	B	D	A	C	D	D	A	C	D	B	A	A	D	D	A	A
88	B	B	B	C	D	C	B	B	B	D	A	D	D	C	D	A	A	D	B	C	D	B	D	C
89	C	D	D	B	C	D	A	C	A	D	C	D	C	A	B	D	C	A	B	D	D	D	A	B
90	D	B	B	A	B	B	C	D	B	D	A	A	C	A	B	C	D	C	A	B	C	D	C	B
91	D	A	A	D	A	A	A	C	C	C	B	B	B	C	C	D	B	C	D	C	D	B	C	D
92	B	A	A	C	D	A	C	D	A	B	B	D	A	D	D	C	B	D	D	D	D	A	C	A
93	C	B	C	C	B	D	A	C	D	A	A	C	B	A	D	D	C	A	A	B	A	D	A	D
94	B	B	B	D	D	D	D	B	D	D	C	C	D	D	A	C	C	D	D	B	B	B	B	D

95	C	C	A	C	A	A	D	B	D	D	B	A	B	D	D	B	B	B	D	D	B	C	D	C
96	B	B	B	A	D	B	A	A	D	A	D	B	A	C	A	B	D	C	D	A	D	A	B	C
97	B	B	D	A	C	A	D	A	C	A	A	A	B	A	C	C	A	B	C	B	B	D	D	B
98	B	C	D	A	D	A	A	B	A	D	A	B	B	D	C	A	B	D	B	A	D	D	C	D
99	A	A	C	B	A	C	B	B	B	D	D	A	C	C	A	A	B	C	C	D	A	D	D	D
100	B	B	C	C	D	D	D	D	B	A	D	C	D	C	B	D	D	C	D	A	A	B	B	C
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102	C	C	A	A	D	D	A	B	B	B	D	D	B	C	A	C	A	C	A	A	B	A	B	B
103	A	D	C	B	B	B	A	B	B	D	B	A	B	B	A	C	C	C	A	C	C	D	B	B
104	A	A	D	B	D	C	D	C	A	C	D	C	B	A	D	B	D	B	C	C	D	A	B	B
105	C	B	B	A	C	C	D	A	A	C	C	C	B	A	B	D	C	C	D	A	C	A	A	A
106	C	B	A	B	C	C	D	B	B	B	D	C	B	C	C	B	B	A	C	A	C	C	C	A
107	C	C	A	A	B	A	C	C	D	C	C	A	C	B	C	A	C	B	C	A	B	D	C	C
108	C	C	D	D	B	C	D	D	D	A	D	A	D	C	C	A	A	A	B	D	C	B	D	C
109	B	D	D	D	B	D	D	A	A	A	C	C	D	D	C	C	B	B	A	C	C	D	B	A
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111	A	D	A	C	B	D	A	D	C	B	C	C	C	D	B	B	C	C	C	A	C	C	C	A
112	A	D	C	A	B	C	D	C	B	D	A	A	D	C	B	C	D	B	A	C	A	A	B	D
113	D	B	C	B	B	B	B	D	B	B	D	C	A	B	A	D	C	C	B	B	C	A	D	D
114	D	A	D	B	A	D	B	D	D	C	C	A	B	B	B	C	A	D	B	A	D	B	B	C
115	B	D	D	C	B	A	B	B	C	B	A	C	A	B	D	A	C	C	C	D	D	B	C	C
116	C	D	C	A	D	C	B	A	D	B	B	C	C	B	B	A	C	C	D	C	D	B	A	C
117	A	A	C	C	D	B	A	B	A	C	C	A	B	C	A	A	A	C	A	A	B	A	A	D
118	A	A	A	A	C	D	C	D	C	A	A	D	B	C	B	D	A	A	D	D	D	B	D	C
119	B	B	C	C	A	B	A	D	A	A	C	D	C	B	C	B	A	B	D	B	D	D	B	D
120	D	B	D	A	A	D	C	B	A	A	A	C	A	A	D	C	C	D	D	B	C	D	C	A

