

HIGHER SECONDARY EXAMINATION - ARL - 2018+1 - BIO - ZOOLOGY - KEY ANSWERSSECTION - A 8x1 = 8

Q. NO		A - TYPE		B - TYPE
1	b	Galton	a	ZO - ZZ TYPE
2	d	CMFRI	b	Galton
3	b	Periosteum	b	Xenopsylla cheopis
4	d	Ancestral reptile - Archaeopteryx	b	gastrocoel
5	b	Xenopsylla cheopis	d	CMFRI
6	a	ZO - ZZ type	b	Periosteum
7	b	Both assertion and reason are correct	d	Ancestral reptile - Archaeopteryx
8	b	gastrocoel	b	Both assertion and reason are correct.

SECTION - II

4x2 = 8

1. * Dinoflagellates are omnivorous in habit
 * the body is covered with haptonemes
 * the neck is mobile.
2. Monera - Phylum - Cyanobacteria
 phylum - Bacteria.
11. - The ability to reveal minute details is expressed in terms of limit of resolution.
 - It is "the smallest distance that may separate two points on an object and still permit their observation as distinct separate points."
12. * 10% of lung cancer death are caused by Tobacco
 * Smoking and chewing tobacco causes infection in gastro intestinal tract, Pancreas, gastro-urinary tract & Respiratory tract etc.
 * Not consuming in fiber food causes physical irritant such as continued abrasion of the lining of the intestinal tract.
13. Skin derivatives - Hair, Nails.
14. * Shallow shelves in shallow waters at or near the shore of the mainland or around off shore islands.
 * This are found end of Indian peninsula (South)
 * Well developed reefs starting from Rameshwaram island and extending beyond Tuticorin.

SECTION - III - 3x3 = 9

Q.No.	ANSWER PAGES	Q.NO	ANSWER PAGES
15	Phylum: Porifera = 12	18	93 - muscles
16	Lycosomes = 66	19	176 - poison apparatus in snake.
17	Epididymis = 121		

SECTION IV

2x5 = 10

ABO - Blood group - 131 page
(or)

Eggs based on the distribution of yolk - 145 page.

1. Spinal cord - 84 page
(or)

Spontaneous generation or abiogenesis - 188 pages.

Key

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