

Online Test-01
Animal Genetics and Breeding

1. Which of the following animal domesticated in pre-agricultural period-
 - a) Dog
 - b) Sheep
 - c) Goat
 - d) All of the above

2. The primary progenitor of the domestic chicken is -
 - a) Red Jungle fowl
 - b) gray jungle fowl
 - c) Biblical Chicken
 - d) All of the above

- 3) Which of the following is called as Founder of Animal Breeding -
 - a) Thomas Bates
 - b) Charles Darwin
 - c) Sewall Wright
 - d) Robert Bakewell

4. Who is known as the “Modern father of animal breeding”-
 - a) Jay L. Lush
 - b) J.B.S. Haldane
 - c) Collings
 - d) C. R. Henderson

5. Genomic selection was proposed by-
 - a) C. R. Henderson
 - b) Watson and Crick
 - c) R.A. Fisher
 - d) T. Meuwisse &, M. Goddard

6. The following breed of cattle was developed by Robert Bakewell-
 - a) Shorthorn cattle
 - b) Hereford
 - c) Ayrshire
 - d) Longhorn cattle

- 7) A transgenic mouse was created by-
 - a) Martin Cline et al
 - b) Michel Crichton’s et al
 - c) P.Bhattacharya
 - d) Sampath Kumaran

8. The following scientists have cloned a sheep called “Dolly” from somatic cell of an adult ewe-
 - a) Ian Wilmut (1996)
 - b) Neal (1994)
 - c) Moran and Megan (1995)
 - d) Karl Illmenese and Peter Hope (1981)

9. What was the name of the first cloned mouse?
 - a) Mira
 - b) Cumulina
 - c) Tetra
 - d) Kaga

10. The following twins calves were cloned in 1998 and duplicated several times by the scientists of Japan-
 - a) Millie & Alexis
 - b) Christa & Carrel
 - c) Noto & Kaga
 - d) All of the above

11. The group of animals of a certain species that through generations of selective breeding has become uniform in performance, appearance and selection history is called a-
- a) Breed
 - b) Species
 - c) Strain
 - d) Line
12. The BLUP method of sire evaluation was suggested by-
- a) Henderson
 - b) Lush
 - c) Fisher
 - d) Hazel
13. The section index method was introduced in animal breeding by-
- a) Comstock
 - b) Lush
 - c) Smith
 - d) Hazel
14. Theory of linkage and concept of sex linked inheritance was proposed by-
- a) Shull
 - b) T.H. Morgan
 - c) Muller
 - d) Walter S. Sutton
15. Linkage group in swamp buffalo is-
- a) 25
 - b) 30
 - c) 24
 - d) 26
16. The cattle breed Frieswal developed at-
- a) NDRI Karnal
 - b) JNKVV Jabalpur
 - c) IVRI Izatnagar
 - d) Military Dairy Farms
17. Name the worker who first conducted the first progeny testing of ram and bull-
- a) Robert Bakewell
 - b) Lush
 - c) Johanson
 - d) T.H. Morgan
18. Who is known as the father of genetics?
- a) Charles Darwin
 - b) Thomas Hunt Morgan
 - c) Gregor Johann Mendel
 - d) Jean-Baptiste Lamarck
19. The process of conversion of wild animals to domestic use is-
- a) Selection
 - b) Culling
 - c) Domestication
 - d) Specification
20. A -----is the largest group of animals that are capable of interbreeding and producing fertile offspring -
- a) Species
 - b) Breed
 - c) Inbred line
 - d) All of the above