

Dr. Suman Chauhan

Botany Deptt.

N.A.S. College (P.G.)

B.Sc (Final Year)

- Q1. First molecular observation of Transposable elements was made in
a) Maize b) Drosophilla c) Bacteria d) Human
- Q2. Which of the following is a cut and paste transposon
a) Hobo elements b) ITNEs c) SINEs d) Tn3
- Q3. Pick out the odd one
a) Microsatellite b) RFLP c) Minisatellites d) PFGE
- Q4. Copia element is a
a) Cut and paste transposon b) Retroelement
c) Replicative transposon d) None
- Q5. Which one is not true for p- elements
a) Responsible for sterility in human
b) Responsible for sterility in Drosophilla
- Q6. Drosophilla does not contain
a) Copia elements b) Mariner elements
c) FB elements d) SINEs and LINEs
- Q7. Length of LINEs is about
a) 500 bp b) 600 bp
c) 6400 bp d) 6400 Kb
- Q8. Which of the following a wrong pair
a) Drosophilla mariner element b) Bacteria –copia element
c) Human- SINEs d) Maize dotted dt elements

Q9. SINEs stand for

- a) Short interspersed elements
- b) Short inverted elements
- c) Short intermediate elements
- d) Short insider elements

Q10. Linkage map is

- a) Physical map
- b) Cytogenetic map
- c) Restriction map
- d) Genetic Map

11. Unit of distance in a linkage map is

- a) Centimorgan
- b) Basepass
- c) Kilo pase pairs
- d) centimeters

12. FISH stands for

- a) Freeze in situ hybridization
- b) Flanking in situ hybridization
- c) Fluorescence in situ hybridization
- d) First in sity hybridization

13. Restriction map is a

- a) Genetic map
- b) Physical map
- c) Linkae map
- d) Cytogenetic map

Q14. Which is considered as most accurate map

- a) Cytogenetic map
- b) Genetic map
- c) Physical map
- d) linkage map

15. One centimorgan is defined as that distance which allows

- a) 1000% recombination
- b) 100% Recombination
- c) 10% Recombination
- d) 1% Recombination

- (10) Physical map (b) Cytogenetic map
(c) Restriction map (d) Genetic map
- (11) unit of distance in a linkage map is
(a) centimorgan (b) Base pairs
(c) kilobasepairs (d) centimeters
- (12) FISH stands for
(a) freeze in situ hybridization
(b) flanking in situ hybridization
(c) fluorescence in situ hybridization
(d) first in-situ hybridization
- (13) Restriction map is a
(a) Genetic map (b) physical map
(c) linkage map (d) Cytogenetic map
- (14) which is considered as most accurate map
(a) Cytogenetic map (b) Genetic map
(c) Physical map (d) linkage map
- (15) One centimorgan is defined as that distance which allows
(a) 1000% Recombination (b) 100% Recombination
(c) 10% Recombination (d) 1% Recombination