

TEST NO.4**CH – 14****BIOLOGY****Time Allowed: 15 Minutes****CLASS-10TH****Paper : (Objective Type)****Maximum Marks: 12**

Note:- You have four choices for each objective type question as A,B,C and D. The choice which you think is correct, fill that circle in front of that question number. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero in that question.

Q.1	QUESTION	(A)	(B)	(C)	(D)
1.	Rhizopus reproduce Asexually by	Binary fission	Budding	Spore formation	Endo spore
2.	Pollination is transfer from	Anther to Stigma	Stigma to Anther	Petal to sepal	Sepal to petal
3.	Method of a sexual reproduction found in Amoeba is.	Binary fission	Fragmentation	Budding	Spore formation
4.	During binary fission how, many cells are formed	Two daughter cells	Four cells	Many cells	All cells
5.	Flower of wind pollination produce	Petal	Nectar	No Nectar	Do not produce
6.	Which of these germinate by epigeal germination	Pea	Maize	Beans	Coconut
7.	Reproduction method in Rhizopus is.	Binary fission	Budding	Spore formation	Parthenogenesis
8.	In fungi the spore is Covered by a thick wall Called.	Sporangium	Sporophyte	Cyst	Endospore
9.	Example of Rhizome stem is.	Onion	Garlic	Ginger	Potato
10.	Which parts of the flower is changed in to fruit?	Ovule	Ovary	Petals	Anther
11.	Ovary ripped and convert into:	Seed	Fruit	Flower	Sweetness
12.	In which of following animal groups External fertilization takes place.	Reptiles	Amphibians	Birds	Mammals

A B C D**A B C D****A B C D****A B C D****A B C D**

1	A B C D	4	A B C D	7	A B C D	10	A B C D	13	A B C D
2	A B C D	5	A B C D	8	A B C D	11	A B C D	14	A B C D
3	A B C D	6	A B C D	9	A B C D	12	A B C D	15	A B C D

نوٹ: معروضی سوال نامے کو توجہ سے پڑھیں اور ہر MCQ کی درست آپشن A, B, C, D کو پین کی سیاہی یا مارکر سے اس طرح پُر کریں کہ سیاہی دائرے سے باہر نہ نکلے۔ ایک سے

زیادہ دائروں کو پُر کرنے یا کاٹ کر پُر کرنے کی صورت میں مذکورہ جواب غلط تصور ہوگا۔

(PART – I)**2. Write short answers to nay FIVE (5) questions:****10**

- (i) Define binary fission.
- (ii) Define reproduction and types of reproduction.
- (iii) What is Fermentation?
- (iv) Describe spore formation in Rhizopus.
- (v) Define parthenogenesis.
- (vi) What is vegetative propagation?
- (vii) What is Cuttings Grafting.
- (viii) Define Double fertilization.

3. Write short answers to nay FIVE (5) questions:**10**

- (i) What is Alternation of Generation?
- (ii) What is pollination?
- (iii) What is semen? Name two glands which pour their secretion int it.
- (iv) Give the difference between epicotyls and hypocotyls.
- (v) Define germination.
- (vi) What is Fertilization?
- (vii) What is meant by spermatogenesis?
- (viii) What is Cowper's gland?

4. Write short answers to nay FIVE (5) questions:**10**

- (i) What is parthenocarpy?
- (ii) What are prostate glands?
- (iii) What is alternation of generation?
- (iv) Define male and female gonads.
- (v) Difference between Epigeal and Hypogeal germination.
- (vi) Difference between self and cross pollination.
- (vii) Define asexual reproduction.
- (viii) Differentiate between spore and endospore.

(PART – II)**Note:- Attempt any TWO questions.****5. (a) Briefly explain reproductive system of a flower.****5****(b) What are advantages and disadvantages of vegetative propagation of plants.****4****6. (a) Write a note on female reproductive system of Rabbit.****5****(b) Explain the sexual and asexual reproduction.****4****7. (a) Explain the social implication of AIDS and other sexually transmitted diseases.****5****(b) Explain budding with example.****4**