

TEST NO. 9**CH- 14 – 18 (2ND HALF BOOK)****BIOLOGY****2020-(Class 10th)****Paper : (Objective Type)****Time Allowed: 15 Minutes****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	QUESTIONS	(A)	(B)	(C)	(D)
1.	The simple and most common way of asexual reproduction in bacteria is.	Binary fission	Multiple fission	Regeneration	Budding
2.	Asexual reproduction in yeast takes place through.	Fragmentation	Budding	Binary fission	Spore formation
3.	Example of Rhizomes stem is.	Onion	Garlic	Ginger	Potato
4.	The outer most whorl of flower is called.	Corolla	Petals	Calyx	Androecium
5.	The cell results by combining sperm and ovum.	Nucleus	Genes	Chromosomes	Zygote
6.	Normally external fertilization occurs in	In the body	Water	Air	All of these
7.	Transmission of characters from parent to offspring is called.	Inheritance	Mutation	Regeneration	Reproduction
8.	Alternative forms of a gene are called.	DNA	Allele	Chromosome	Gamete
9.	Example of co-dominance is	Blood group ABO system	Blood group A	Blood group B	Blood group O
10.	R-2 menas.	Reduce	Recycle	Renewable	Reuse
11.	E-coli bacterium was made in.	1970 A.D.	1977 A.D.	1980 A.D.	1975 A.D.
12.	Penicillin is discovered by.	Joseph LISTER	Edward Jenner	Alexander Flemming	Bu Ali Sina

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۔



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BIOLOGY

Time Allowed: 1:45 hours

2020- (Class 10th)

Paper : (Essay Type)

Maximum Marks: 48

(PART – I)

2. **Write to short answers to any FIVE (5) questions:** 10
- Differentiate between spore and endospore.
 - Define traits and give examples.
 - Write four effects of Air Pollution.
 - What is meant by Fermentation?
 - What meant by drug? Write names of its two types.
 - Describe spore formation in Rhizopus.
 - Differentiate between Phenotype and genotype.
 - What are aims of NACP?
3. **Write to short answers to any FIVE (5) questions:** 10
- Write any two objectives of Genetic engineering.
 - What is the common method of administering vaccines?
 - What is meant by double fertilization.
 - Describe the concept of Genotype with example.
 - Define symbiosis and write difference between commensalism and mutualism.
 - Write two achievement of Genetic Engineering.
 - Write note on Marijuana.
 - What is meant by spermatogenesis?
4. **Write to short answers to any FIVE (5) questions:** 10
- Define Monohybrid and Dihybrid cross.
 - What is Denitrification?
 - How Biotechnology has helped us in improving the environment?
 - What are biogeochemical cycles?
 - What is Semen? Name two glands which pour their secretion into it.
 - What is co-dominance? Give an example.
 - Define food chain and food web.
 - What is sedatives?

(PART – II)**Note:- Attempt any TWO Question.**

5. (a) Write a note on female reproductive system of Rabbit. 5
 (b) Explain the sexual and asexual reproduction. 4
6. (a) Define and explain different types of pollution. How it can be controlled? 5
 (b) Explain Carbon cycle and draw its diagram 4
7. (a) What is Fermentation? Explain Alcoholic and Lactic acid Fermentation. 5
 (b) Explain Basic Four Steps in Genetic Engineering. 4



علم كدنيا

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