

TEST NO, 2**CH – 2****BIOLOGY****CLASS 9TH – 019****Paper: (Objective Type)****Time Allowed: 15 Minutes****Maximum Marks: 12**

Note : Write answers to the questions on the objective answer sheet provided. Four possible answers A, B, C and D to each question are given. Which answer you consider correct, fill the circle in front of A, B, C or D with pen ink to each question on the answer sheet provided.

Q.1	QUESTIONS	(A)	(B)	(C)	(D)
1.	Biological method has been playing an important role for the last.	400 years	500 years	600 years	1000 years
2.	Plasmodium was named by	Ross	A.F.A.King	Laveran	None
3.	Quinine is obtained from	Quina-quina	Deodar	Cinchona	Shisham
4.	Which one of the following is correct sequence is biological method?	Hypothesis, Observation, Law, Theory	Hypothesis, Observations, Deduction, Experimentation	Observations, Hypothesis, Duction, Experimentation	Law, theory, Deduction, Observations.
5.	Which one of the following is not the characteristics of a good hypothesis?	Must be consistent with available data	Must be testable	Must be correct	Must make prediction
6.	Which mosquito spread malaria in birds.	Anopheles	Culex	Anopheles & Culex	None of these
7.	Malaria in sparrows spread by	Ordinary mosquito	Aedes Mosquito	Anopheles Mosquito	Culex mosquito
8.	Mosquitoes transmit plasmodium and are involved in spread of malaria "who suggested this hypothesis is called.	Deduction	Observation	Result	Experiment.
9.	Who started to know the reason of malaria?	Mendel	Ronald Ross	Leveran	Hackle
10.	When did AFA king present his observations?	1993	2013	1883	1983
11.	The scientist who observation Plasmodium first time in human blood is.	Aristotle	Bu-Ali-Sina	Laveran	None of these
12.	Five senses are involved in.	Hypothesis	Observation	Deduction	Theory

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۔

Test No.2**CH - 2****BIOLOGY****Time Allowed: 1:45 hours****CLASS 9TH – 019****Paper : (Essay Type)****Maximum Marks: 48****(PART – I)****2. Write short answers to any FIVE (5) questions:****10**

- (i) Define Biological method.
- (ii) Define Hypotheses.
- (iii) Difference between law and theory.
- (iv) Define biological Problems.
- (v) What is the difference between control group and experimental group?
- (vi) Define observation and their types.
- (vii) What is Plasmodium?
- (viii) What do you know about Quina quina?

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

- (i) Define Science.
- (ii) What are the observations of A.F.A. King?
- (iii) Define experiment and their types.
- (iv) Write three steps of solving biological problems.
- (v) Define theory.
- (vi) Define Law and Principal.
- (vii) What is the cause of malaria?
- (viii) How can we find the forth proportion?

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

- (i) What was the biologists' observation about malaria?
- (ii) What is proportion?
- (iii) Was the ancient physician's familiar with malaria?
- (iv) Name the effective medicine.
- (v) What is statistics?
- (vi) In which mosquito plasmodium is found?
- (vii) In which language does the malaria belongs?
- (viii) How many senses are found in man?

(PART – I I)**Note: - Attempt any TWO questions.**

- 5. a) Describe observations of A.F.A.King said experiments of Ronald rose to solve malarial problem. **5**
b) Define biological method. Describe the theory and law stage of biological method. **4**
- 6. a) Write experiments of Ronald Ross.. **5**
b) Write mathematics as an integral part of scientific process. Explain briefly. **4**
- 7. a) Explain the importance of data organization and data analysis in biological method. **5**
b) Write four steps of solving biological problems. **4**



علم کی دنیا

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