

SAMPLE QUESTIONS FOR Ph.D ENTRANCE

- 1. Which process is used for recording the activities in the brain?**
 - a) MET
 - b) CT
 - c) ECG
 - d) EEG ✓
- 2. If the number of 3-digit numbers is divisible by 6, then what will be correct number?**
 - a) 149
 - b) 166
 - c) 150 ✓
 - d) 151
- 3. If 'blue' means 'green', 'green' means 'yellow', 'yellow' means 'orange', 'orange' means 'black', 'black' means 'white', 'white' means 'red', 'red' means 'pink', 'pink' means 'brown', 'brown' means 'grey', then what is the color of human blood?**
 - a) Black
 - b) Red
 - c) White ✓
 - d) Orange
- 4. Which organization created a Guinness World Record for the longest continuously laid lane of 75 kilo meters?**
 - a) BRO
 - b) NHAI ✓
 - c) Indian Army
 - d) L & T Construction
- 5. Who had enacted the role of Gabbar in the blockbuster movie Sholay?**
 - a) Ustad Bismillah Khan
 - b) Amzad Ali Khan
 - c) Amzad Khan ✓
 - d) Zakir Husain
- 6. Which is the SI unit for measuring work and energy?**
 - a) Joule ✓
 - b) Watt
 - c) Farad
 - d) Ohm

7. Which of the following is not a metal?

- a) Lithium
- b) Helium ✓
- c) Sodium
- d) Cobalt

8. Which of the following is not a vector quantity?

- a) Acceleration
- b) Density ✓
- c) Displacement
- d) Impulse

9. Which of the following is not a non-random sampling method?

- a) Cluster sampling ✓
- b) Quota sampling
- c) Convenience sampling
- d) Accidental sampling

10. If NOIDA is written as OPJEB, then what will be the code for DELHI?

- a) EFMAK
- b) EFAMK
- c) EFMIJ ✓
- d) EFMK

11. What is the scientific name of a mango?

- a) Mangifera indica ✓
- b) Rana tigrine
- c) Homo sapiens
- d) Felis catus

12. Which of the following does not entail the pursuance of research?

- a) Developing a research design
- b) Formulating a research question
- c) Deciding about the data analysis procedure
- d) Non-Formulation of a research hypothesis

13. Which among the following is called anti sterility vitamin?

- a) Vitamin A
- b) Vitamin D
- c) Vitamin E ✓
- d) Vitamin K

14. Which among the following controls protein synthesis and heredity?

- a) Amino acids

- b) Genes ✓
- c) DNA
- d) RNA

15. Where is Port Blair is located?

- a) North Andaman
- b) South Andaman ✓
- c) Middle Andaman
- d) Little Andaman

16. A and B are brothers. C and D are sisters. A's son is D's brother. How is B related to C?

- a) Father
- b) Brother
- c) Uncle ✓
- d) Grandfather

17. Who is the author of most read epic in the world titled Ramcharitmanas?

- a) Kalidas
- b) Surdas
- c) Raidas
- d) Tulsidas ✓

18. If the normal force creates a tension then the force is said to be---

- a) Positive ✓
- b) Negative
- c) Rotational
- d) Collinear

19. Which of the following personalities gave 'The Laws of Heredity'?

- a) Robert Hook
- b) G.J. Mendel ✓
- c) Charles Darwin
- d) William Harvey

20. Which of the following is NOT the language enshrined in the eighth schedule of the Indian Constitution, as the language of the state?

- a) Nepali
- b) Kashmiri
- c) English ✓
- d) Konkani