



## Entrance Exam Sample Paper

Instructions:

Time Allowed: 2 Hours for 100 Questions

1. Begin the paper with Bismillah.
  2. Write your name and roll number on the OMR/Response sheet as well as on your question paper too.
  3. Answer your questions on the OMR/Response sheet.
  4. Use HB No 2 pencil for filling the OMR/Response sheet.
  5. Mobile Phone and other electronic accessories are strictly prohibited in the exam hall.
  6. Borrowing of stationary is not allowed.
  7. Using unfair means, disturbing the hall decorum, answering a question aloud will automatically make you ineligible for admission.
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### Questions with options

#### Biology

1. Haemodialysis means cleaning of?  
(A) Urine  
(B) Blood  
(C) Glomerular filtrate  
(D) Coelomic fluid
2. Production of sweat and sebum is related with  
(A) skin  
(B) liver  
(C) lungs  
(D) GIT
3. The evaporative cooling in the respiratory tract of dogs is called  
(A) vasodilation  
(B) vasoconstriction  
(C) panting  
(D) all of these
4. Which of the following pathogen type cause disease that can be treated with antibiotics  
(A) bacteria  
(B) fungi  
(C) virus  
(D) none of these

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5. Most cell membranes are composed principally of

- (A) DNA and protein
- (B) protein and lipids
- (C) protein and chitin
- (D) protein and RNA

### Chemistry

6. pH of the neutral solution is ?

- (A) 2
- (B) 6
- (C) 7
- (D) 5

7. The branch of chemistry in which we study hydrocarbon and their derivatives is called

- (A) Organic chemistry
- (B) Inorganic chemistry
- (C) Industrial chemistry
- (D) Biochemistry

8. The metal present in combine state is called ?

- (A) Metal
- (B) Solid
- (C) Minerals
- (D) None of these

9. Which of the following is homogeneous mixture ?

- (A) Smoke
- (B) Fog
- (C) Smog
- (D) Air

10. Hydrogen has a positive charge ?

- (A) Proton
- (B) Electron
- (C) Atom
- (D) Neutron

### Physics

11. Which radiation has the lowest frequency in the electromagnetic spectrum?

- (A) X-rays
- (B) Gamma rays
- (C) Ultraviolet rays
- (D) Radio rays

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12. Which rays are useful in cancer treatment?  
(A) X-rays  
(B) Gamma rays  
(C) Ultraviolet rays  
(D) Radio rays
13. Evaporation is a \_\_\_\_\_ process.  
(A) cooling  
(B) Liquefying  
(C) condensation  
(D) convection
14. An instrument used to measure gas pressure is called  
(A) ammeter  
(B) barometer  
(C) galvanometer  
(D) manometer
15. If we add salt to the pure water, its boiling point will  
(A) increase  
(B) decrease  
(C) remain same  
(D) none of these

### General Knowledge

16. What was the name of Imam Bukhari (R.A)?  
(A) Muhammad bin Ismaeel  
(B) Muhammad Ismaeel  
(C) Muhammad Ibraheem  
(D) Ismaeel bin Ibraheem
17. Khateeb-ul-Ambia was the title of  
(A) Prophet Dawood (A.S)  
(B) Prophet Nooh (A.S)  
(C) Prophet Yaqoob (A.S)  
(D) Prophet Shoaib (A.S)
18. Namaz-e-Khasoof is offered at the time of  
(A) Lunar eclipse  
(B) Solar eclipse  
(C) earthquake  
(D) heavy rain
19. Pakistan's national tree is  
(A) Neem

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- (B) Peepul
- (C) Sheesham
- (D) Deodar

20. Dar-ul-Uloom Deoband was founded by \_\_\_\_\_ .

- (A) Maulana Mehmood-ul-Hassan
- (B) Maulana Hussain Ahmed Madni
- (C) Maulana Muhammad Qasim Nanautawi
- (D) Maulana Rasheed Ahmed

This is a sample paper and cannot be used for any purpose other than guidance about the entrance test and its format for the Royal College of Nursing Swat. This paper does not justify any claim or eligibility of any candidate for the final selection of admission.

Thank you