**ALUNO (A):**



## DATA: / / 2018

**LISTA DE RECUPERAÇÃO DE CIÊNCIAS NATURAIS**

# SÉRIE: 8º ANO

# 3º BIMESTRE

## PROFESSOR (A): RAYANNY

**Nota:**

**Nº de Questões: 31**

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| --- |
| **INSTRUÇÕES**   1. **Preencha o cabeçalho de forma legível e completa.** 2. **Serão anuladas as avaliações em que forem constatados: termos pejorativos ou desenhos inadequados.** 3. **Procure cuidar da boa apresentação de sua prova (organização, clareza, letra legível).** 4. **Leia todas as questões propostas com bastante atenção. A interpretação das questões faz parte da avaliação.** 5. **Responda com frases completas e elaboradas;** 6. **Não deixe questões sem responder;** 7. **Escreva com letra legível;** 8. **LEIA, ATENTAMENTE, SUA PROVA ANTES DE ENTREGÁ-LA À PROFESSORA.** |

1. Nosso organismo é dividido em duas partes, que têm ação antagônica. Como são denominadas essas duas partes do SNA?

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1. Que problemas um indivíduo apresentará, após sofrer uma lesão em seu cerebelo?

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1. No mecanismo da visão humana, determine a função da pupila.

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1. Que nome recebem as estruturas encontradas na língua, responsáveis pelo paladar?

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1. A cóclea ou caracol é um órgão sensitivo responsável pela (o):

(  ) gustação

(  ) visão

(  ) tato

(  ) olfato

(  ) audição

6. Complete:

a) A pele é formada por duas camadas: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ e \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b) O \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ é o sentido que permite a percepção dos odores.

c) As células \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ encontradas na retina, são responsáveis pela distinção entre o claro e o escuro.

d) A orelha se comunica com a faringe através de um canal denominado \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

7. Considerando-se que, na sinapse não há contato físico entre os dois neurônios, o que permite a transmissão do impulso nervoso entre eles?

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8. Além dos neurônios, o tecido nervoso apresenta outras células fundamentais para o seu funcionamento. Como se denominam, em conjunto, essas células?

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9. Esquematize um neurônio apontando com setas e legendas as seguintes estruturas:

1. corpo celular

2. terminações axônicas

3. bainha de mielina

4. axônio

5. Dentritos

10. Como está dividido o encéfalo? Cite a função de cada parte.

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11. Qual é a função do líquido produzido pela próstata?

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12. Onde é produzida a testosterona no sistema genital masculino? E onde são produzidos o estrógeno e a progesterona, no sistema genital feminino?

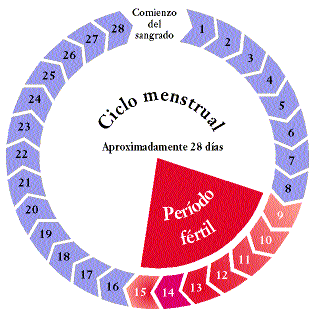
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13. Onde acontece a fecundação?

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14. Qual é a diferença de funções da Uretra do sistema genital masculino para a Uretra no corpo da mulher?

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15. Observe o esquema do Ciclo Menstrual abaixo e responda: 

a) Quais são os dias férteis desta mulher?

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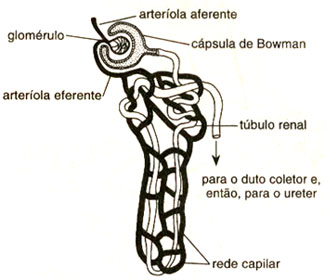
b) O que acontece ao endométrio nos dias da menstruação?

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c) Se esta mulher usasse o método da tabelinha, quais os dias que ela não podia ter relações sexuais? E porque esse método é considerado pouco seguro?

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15.Observe o esquema do nefro do rim humano:



1. O processo de formação da urina se passa em duas fases: filtração e reabsorção. Em que partes do nefro ocorrem essas fases?

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b) Por que na urina normal não aparecem proteínas?

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c) Para onde vão as substâncias úteis absorvidas?

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16.Qual o caminho seguido pelo fluído filtrado que se transforma em urina?

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17. Quando se faz um esforço prolongado ou quando a temperatura ambiente está alta, a sudorese (produção de suor) ajuda a baixar a temperatura do corpo. Nestas circunstâncias, é comum a urina se tornar mais concentrada. Explique a relação fisiológica entre esses fatos.

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18.Complete as frases:

Os \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ levam o estímulo até os centros nervosos, e os \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_levam a resposta dos centros nervosos até os músculos.

O \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ do neurônio é a parte mais volumosa e ali encontramos o núcleo. Dele partem fibras nervosas que podem ser de dois tipos:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ e \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

19. Numere os parênteses relacionando às palavras da coluna A com as respectivas definições da coluna **B**.

**COLUNA A**

**1. Sinapse**

**2. Axônio**

**3. Mielina**

**4. Dendrito**

**COLUNA B**

**( ) fibra longa do neurônio para a condução de potenciais elétricos.**

**( ) fibra curta do neurônio que recebe informação para o neurônio.**

**( ) envoltório de axônio que acelera a transmissão do impulso nervoso.**

**( ) junção especializada onde é liberado o neurotransmissor.**

20.O tálamo e o hipotálamo fazem parte do encéfalo e estão localizados abaixo do corpo caloso. Indique suas respectivas funções.

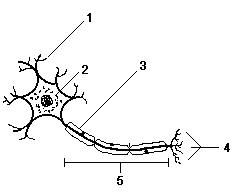
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21.Assim como os outros sistemas podem ocorrer problemas o sistema nervoso também. Cite algumas doenças ocasionadas por problemas no sistema nervoso.

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22.A célula responsável pela formação do tecido nervoso é o neurônio.

Observe a figura e indique respectivamente as partes representadas pelos números.



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23.Escreva a função das seguintes estruturas do olho:

I – Cristalino ou lente:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

II – Pupila:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

24.Em relação à gustação, responda. Quem são os receptores e onde se localizam?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

25.Complete:

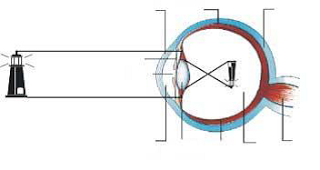
a) As estruturas da língua que percebem o paladar são as \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b) A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ é o órgão responsável pelo tato

c) A orelha se comunica com a faringe através de um canal chamado \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

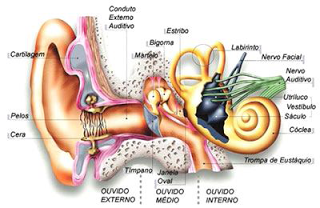
d) Na \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ o globo ocular é alongado, sendo assim o indivíduo só consegue enxergar objetos muito próximos.

26.A figura abaixo descreve um defeito da visão denominado miopia. Caracterize este defeito.

[](http://1.bp.blogspot.com/-FNeTfvPGd5o/T94WD1JzpQI/AAAAAAAAADY/SI8Wiih934k/s1600/defeitos+da+vis%C3%A3o+miopia.png)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

27.Observe a figura e responda:

[](http://2.bp.blogspot.com/-5OInrzY1swM/T9249FvFsvI/AAAAAAAAADM/bUUxkKtOA70/s1600/audi%C3%A7%C3%A3o.png)

28.Quais são os ossos encontrados na orelha média?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

29.O que é tímpano?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

30.Qual a função do pavilhão auricular?

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31.Qual a relação entre o ouvido e o equilíbrio do nosso corpo?

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