



BIOLOGY

BOOKS - SHARAM PUBLICATION

QUESTION BANK 2015

Exercise

1. Which function (s) is / (are) controlled by corpora quadrigemina?

A. Both vision and olfactory

B. Auditory-reflex

C. Heart beat

D. Both vision and auditory

Answer:



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2. Which is not associated with vasopressin?

A. Vaso contraction

B. Tubular reabsorption

C. Diabetes mellitus

D. Diabetes insipidus

Answer:



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3. Which organ's outer covering is tunica albuginea?

A. Testis

B. Ovary

C. Kidney

D. Brain

Answer:



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4. Through which vector is wuchereria bancrofti transmitted ?

A. Anopheles

B. Aedes

C. Culex

D. Tse tse fly

Answer:



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5. Which chromosome-linked genes do cause the genetic metabolic Phenylketonuria (PKU)?

A. Somatic dominant gene

B. Somatic recessive gene

C. Y- linked gene

D. X- linked gene

Answer:



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6. Fill up the blanks with correct answer(s):

L.S.D. is a natural ___ drug.



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7. The hormone stimulates the secretion of milk.



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8. What is the genotypic ratio in F_2 OF Mendelian monohybrid cross?



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9. Three primary germ layers are formed during morula stage of embryonic development.



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10. What is biosphere reserve? Mention its zones.



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11. What is fertilization ? In man, where does it take place ?



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12. What is AIDS? How can it be prevented?



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13. How does asexual reproduction take place in sponges?



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14. What are restriction enzymes ? Mention their functions in recombinant DNA technology.



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15. Write the symptoms of Down's syndrome.



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16. What are the sources of radioactive pollution ?



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17. Write the possible causes of female infertility in relation to ovulation.



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18. Differentiate between with 3 to 4 important points:

Binary fission and Multiple fission



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19. Differentiate between with 3 to 4 important points:

Corpus callosum and corpus luteum.



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20. Differentiate between with 3 to 4

important points:

Insulin and Glucagon



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21. Differentiate between with 3 to 4

important points:

Inversion and Translocation



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22. Explain the mechanism of conduction of impulses along nerve fibres.



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23. What is sexlinked inheritance ? Explain inheritance of haemophilia in man.



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24. What is immunity ? Give an account of cell-mediated immunity.



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25. Write notes: Biomagnification



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26. Write note

Oogenesis



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27. Write notes on :Law of independent assortment



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28. Write notes : Social life of honeybees



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