



BIOLOGY

BOOKS - JMD BIOLOGY (PUNJABI ENGLISH)

P.S.E.B SAMPLE PAPER-2021(SOLVED)

Exercise

1. the unique event of flowering plant is-

A. fertilisation

B. hybridisation

C. Syngamy

D. double fertilization

Answer: D



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2. Foetal sex determination test is known as

A. sterilisation

B. barrier method

C. Amniocentesis

D. Coitus interruptus

Answer: C



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3. Gregor Mendel used which plant in his experiment

A. Gram

B. Pea

C. Sunflower

D. Hibiscus

Answer: B



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4. presence of an additional copy of the chromosome number 21 is

A. down's Syndrome

B. Turner's syndrome

C. Klinefelter's Syndrome

D. Phenylketonuria

Answer: A



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5. In bacteria RNA is out of types

A. 2

B. 5

C. 4

D. 3

Answer: D



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6. the process in which introns are removed and exons are joined in a defined order is known as

A. capping

B. splicing

C. tailing

D. mutation

Answer: B



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7. Malignant malaria is caused by

A. Plasmodium vivax

B. plasmodium pneumonia

C. plasmodium malariae

D. plasmodium falciparum

Answer: D



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8. The primary lymphoid organ is

A. Spleen

B. Tonsils

C. Bone marrow

D. Appendix

Answer: C



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9. Baker's yeast is known as

A. trichoderma polysporum

B. Saccharomyces cerevisiae

C. Acetobacter aceti

D. clostridium butylicum

Answer: B



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10. Masses of bacteria associated with fungal filaments to form mesh like structure is known as

A. Floccs

B. biological oxygen demand

C. primary sludge

D. activated sludge

Answer: A



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11. Restriction enzymes are also known as

- A. Palindromes
- B. selectable markers
- C. molecular scissors
- D. gene cloning

Answer: C



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12. plasmid DNA act as

A. vectors

B. Gene Gun

C. cloning sites

D. clones

Answer: A



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13. Bt is known as

A. Bacillus tumor

B. bacillus thuringiensis

C. Bacillus toxin

D. Bacillus tomato

Answer: B



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14. organisms which can tolerate and thrive in a wide range of temperature as known as

A. Stenothermal

B. Stenohaline

C. Eurythermal

D. Euryhaline

Answer: C



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15. Among animals, which are the most species rich taxonomic group?

A. Insects

B. Amphibians

C. Reptiles

D. Fishes

Answer: A



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16. which are known as the 'Lungs of the Earth'?

A. Amazona forest

B. African forest

C. American forest

D. Amazon rain forest

Answer: D



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17. Fill in the blanks

The sperm head contains an elongated
nucleus.



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18. Fill in the blanks

T.H. Morgan worked with the tiny fruit flies
known as.....



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19. Fill in the blanks

mRNA has some additional sequence that are not translated and are known as



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20. Fill in the blanks

filariasis disease is also known as



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21. Fill in the blanks

Insulin consists of __ short polypeptides.



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22. Fill in the blanks

The process by which the organism should try to maintain the constancy of its internal environment is known as



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23. True/ False

Genes which code for a pair of contrasting traits are known as alleles



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24. True/ False

Euchromatin is Said to be transcriptionally inactive chromatin



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25. True/ False

cocaine, commonly called coke or crack is usually shorted.



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26. True/ False

In organic farming chemical fertilizers are used.



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27. True/ False

organisms whose genes have been altered by manipulation are called genetically modified organisms.



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28. True/ False

the number of births during a given period in the population is known as mortality.



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29. Do pollen grains survive in Adverse conditions?



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30. What functions do fallopian tube perform.



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