



BIOLOGY

BOOKS - JMD BIOLOGY (PUNJABI ENGLISH)

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



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

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

 $\mathsf{B.}\,5$

C. 4

D. 3

Answer: D



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

- 9. Baker's yeast is known as
 - A. trichoderma polysporum
 - B. Saccharomyces cerevisiae
 - C. Acetobacter aceti
 - D. clostridium butylicum





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

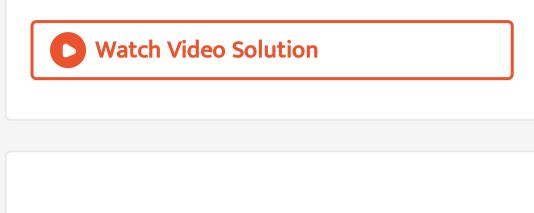
A. Flocs

B. biological oxygen demand

C. primary sludge

D. activated sludge





11. Restriction enzymes are also known as

A. Palindromes

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

Answer: C



12. plasmid DNA act as

A. vectors

B. Gene Gun

C. cloning sites

D. clones

Answer: A

13. Bt is known as

A. Bacillus tumor

B. bacillus thuringiensis

C. Bacillus toxin

D. Bacillus tomato

Answer: B

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

15. Among animals, which are the most species

rich taxonomic group?

A. Insects

B. Amphibians

C. Reptiles

D. Fishes

Answer: A

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

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.....

19. Fill in the blanks

mRNA has some additional sequence that are

not translated and are known as



20. Fill in the blanks

filariasis disease is also known as



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

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

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.

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.

29. Do pollen grains survive in Adverse conditions?

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30. What functions do follopian tube perform.