



BIOLOGY

BOOKS - UNITED BOOK HOUSE

MP_13 QUESTION PAPER



1. Define pleotropy. Give example.

A. from xylem to xylem

B. from cambium to cambium

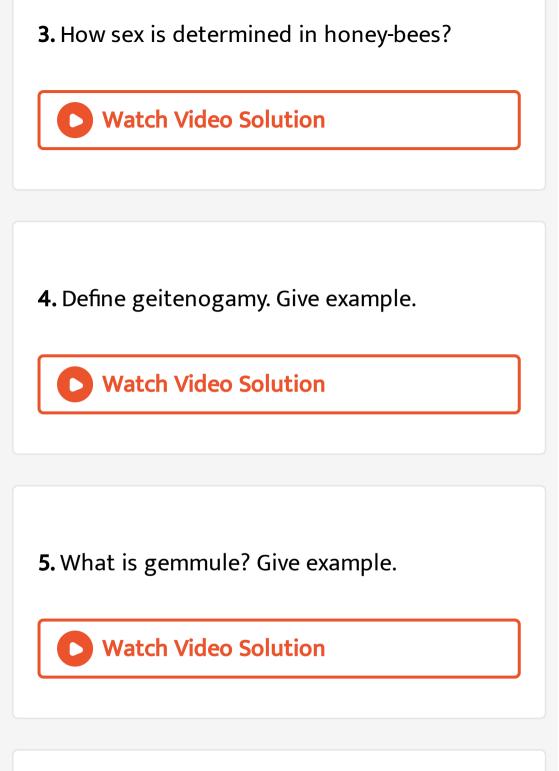
C. from pith to pith

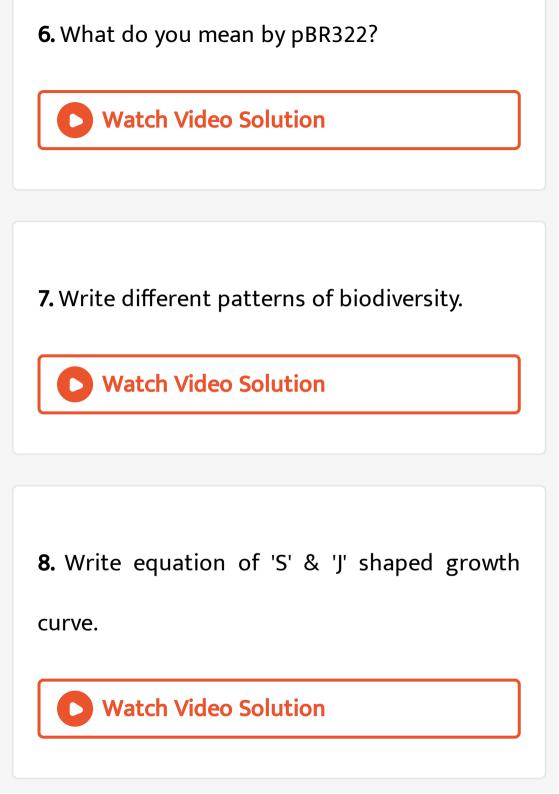
D. from phloem to phloem.

Answer:

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2. What is nucleosome?





9. Where fertilization occur in case of human?

In which stage and where embroyo is

implanted in human?

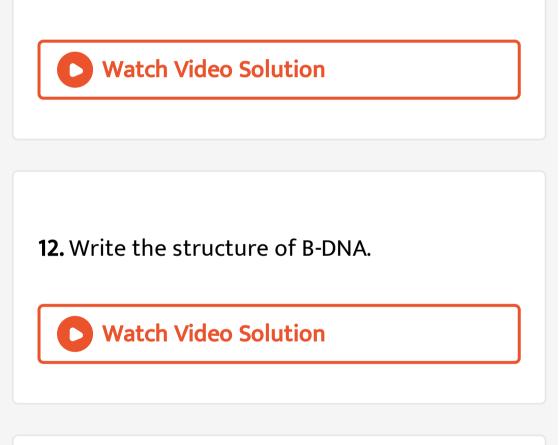


10. Describe Paleontology.

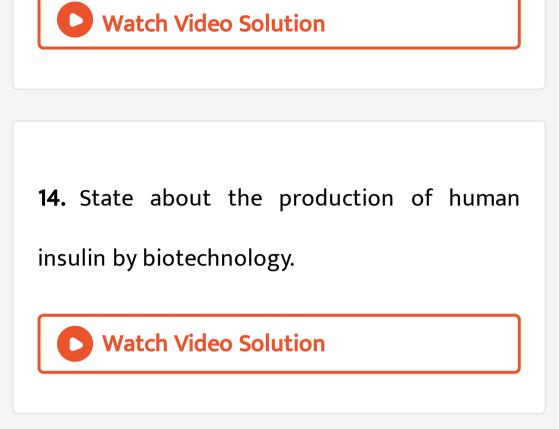


11. Embryological evidence to support the

concept of organic evolution.



13. Write the function of different type of non-genetic RNA.



15. How is DNA replicated through semi-

conservative process?

16. Write any three roles of tissue culture on

plant hybridization.

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17. What is SCP?	
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18. Write three differences between heliophyte

and sciophyte.





19. Write a short note on desert adaptation of

animal.



20. What is c-DNA? Write the importance of

biotechnology.

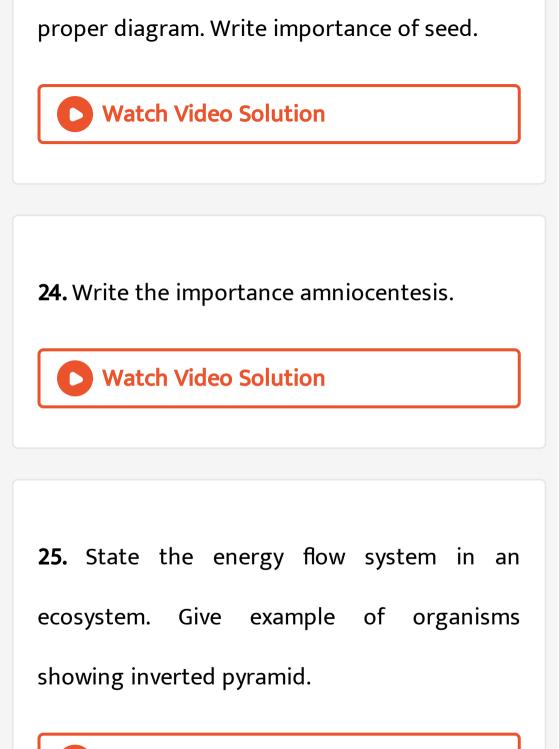
21. Define : Biopiracy and Biofortification.



22. Define spermatogenesis. Briefly describe the histological structure of testes of human with a neat diagram.

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23. Describe about the development of male gametophyte in a flowering plant with a



26. State about pollutional effect of water

pollution and chemical used in agriculture.



27. Ornithophilous flower is -

A. Paddy

B. Arum

C. Lotus

D. Palash

Answer:

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28. Choose the correct pair -

A. Ginger-sucker

B. Olium-bulb

C. Chlamydomonas-Conidia

D. Yeast-zoospore.





29. Acrosome is one type of -

A. 1.flagella

- B. 2.basal body
- C. 3.lysosome
- D. 4.ribosome.





30. Which one is correct in case of regular menstrual cycle. -

A. Endometrium is repaired within 5-10 days

B. Ovulation takes place within 5 days

C. Nutrients are related for implantation

within 11-18 days

D. Release of progesterone is increased

during 1-15 days.

Answer:

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31. Purpose of tubectomy is -

A. 1.intersex

B. 2.ovulation

C. 3.permanent sterilization

D. 4.maturation of embryo.

Answer:

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32. Linkage is discovered by -

A. 1.Sutton

B. 2.Mendel

C. 3.Muller

D. 4.Morgan.





33. Choose the correct pair -

A. UGA-OPAL

B. UAA-OCHRE

C. UAG-AMBER

D. all pairs.

Answer:



34. NODOC' site in seen in

A. mRNA

B. rRNA

C. bRNA

D. Ribosome.

Answer:

35. Which of the following is similar to modern man? -

A. Australopithecus

B. Java man

C. Cro-magnon

D. Neanderthal

Answer:

36. Trisomy of 21st chromosome in human causes -

A. Turner syndrome

B. Down syndrome

C. Klinefelter

D. Thallassemia.

Answer:

37. Profilactic drug of malaria is -

A. Aspirin

B. Tetracyclin

C. Nux vomica

D. Paludrine.

Answer:



38. Memory cell is originate from -

A. Monocyte

- B. Erythropoitic stem cell
- C. B-lymphocyte
- D. T-lymphocyte.

Answer:

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39. Which one causes cancer? -

A. 1.Metastasis

B. 2.Carcinogen

C. 3.Carcinoma

D. 4.Oncogene

Answer:

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40. N_2 fixing microbe associated with azolla in paddy field is -

A. Frankia

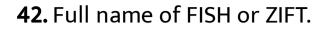
- B. Tolypothrix
- C. Spirulina
- D. Anabaena.

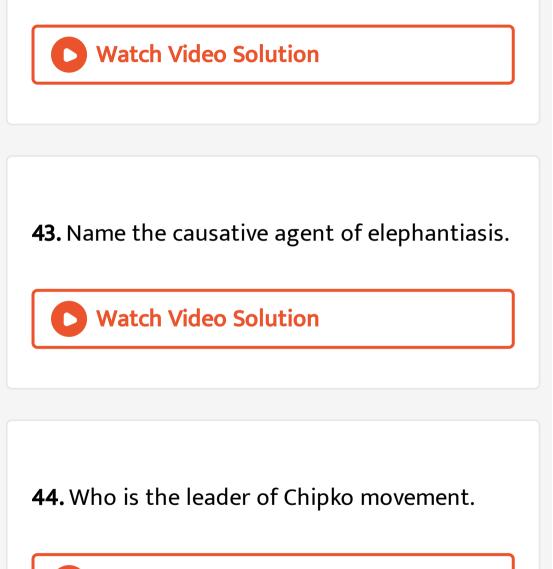
Answer:

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41. Which type of water is taken up by plant

from soil.





45. Define synecology.

