



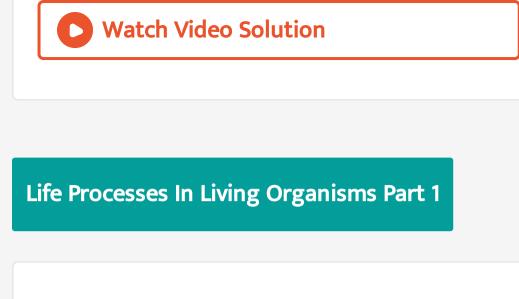
PHYSICS

BOOKS - NAVNEET SCIENCE (HINGLISH)

TRUE/FALSE

Heredity And Evolution

1. It takes thousands of years for a wooden basket to disappear. True/ False



1. Glucose is oxidised step by step in the cells

during the process of respiration at the body

level.



2. In aerobic respiration, glucose is oxidised in

three steps.

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3. Gluconeogenesis is also called Embden-

Meyerhof-Parnas pathway.



4. Molecules of pyruvic acid formed in this glycolysis are converted into molecules of Acetyl-Coenzyme A.



5. Excess of ATP molecules obtained from

proteins are not stored in the body.



6. Proteins of animal origin are called 'first class' proteins.

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7. The disease related with the deficient

synthesis of insulin is heart disease.



Life Processes In Living Organisms Part 2

 Absence of genetic recombination is an advantage whereas rapidity of the process is a drawback of asexual reproductive method.



2. Prokaryotes show fission which occurs either

by mitosis or amitosis.



3. During favourable conditions multiple is

performed by amoeba.

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4. Any encysted Amoeba or any other protist is

called 'Cyst'.



5. If the body of Sycon breaks up accidently into only large and few fragments, then only each fragment develops into new sycon.



6. Pollen tube reaches the zygote via style.



7. There is glucose sugar in the semen.

Γ



Environmental Management

1. Only abiotic factors play very important role

in the ecosystem.

True/ False

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2. Paddy fields are frequently attacked by grasshoppers.
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3. Environmental pollution is unnecessary and never acceptable change in the surrounding environment. True/False

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4. X-rays and radiations from atomic energy

plants are natural radiations. True/False

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5. The person breaching the Environmental Conservation Act is entitled for either one year imprisonment or fine up to \$5 lakh. True/False



6. Many people come together to established

a new forest but a single person. If determined

can destroy the entire forest! True/False



7. Flow of nutrients in an ecosystem is unidirectional.

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Towards Green Energy

 In thermal power plants, the turbines work on solar energy. Is the above statement correct? Justify your answer

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2. How to dispose the nuclear waste safely is a

big challenge bofore the scientists. Why is it

so?

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3. The efficiency of power generation using coal plant is higher than that of power generation plant based on natural gas. True/False

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4. Energy obtained from nuclear fission is ecofriendly because it doesn't pollute the air. Do you agree with the above statement? Why? Why not?



5. The kinetic energy is water stored in dam is converted into potential energy of water in a hydropower plant. Do you agree? Why? Why not?.

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Animal Classification

1. Greek philosopher Aristotle was the first to

perform the animal classification.



2. Heart if present in the non-chordates is on

ventral side of body.



3. Arthropoda animals bear numerous pores

on their body.

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4. Coelenterate animals have special type of collar cells.



5. Ascheminthes have acoelomate and

bilaterally symmetrical body.

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6. Planet Earth has highest number of animal

from phylum Arthropoda.



7. Animals belonging to phylum Annelida perform locomotion with the help of tube-feet.
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8. Herdmania has notochord in only tail region

and hence it is called Urochordate.



Cell Biology And Biotechnology

1. Changes in genes of the cells are brought

about in non-genetic technique.



2. Gene from Bacillus thuringiensis is

introduced into cotton.



3. High-class varieties of crops have been developed through the technique of transplantation.



4. Earlier, insulin was being collected from the

pancreas of horses.



5. Malaria arises due to genetic changes in hepatocytes.
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6. The pseudomonas bacteria are useful for cleaning the hydrocarbon and oil pollutants from soil and water.

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7. Various essential elements like N, P, K bocome available to the crops due to earthworms and fungi.



8. We do not have any tradition that curses the diseases with the help of natural

resources.

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1. The potential difference available from a

solar cell is independent of it area.

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2. The power available from the solar cells is

AC. True/False

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1. Dr. Har Govind Khorana was awarded Nobel prize for his invention and publication in the jourval Radio carbon.

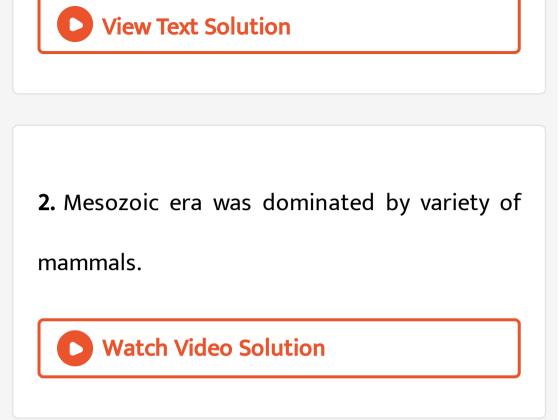
A. True

B. False

C.

D.

Answer: False



3. It seems that vertebrates has been slowly

originated from invertebrates.



4. The decaying process of C-14 occurs continuously from the dead remains of living organisms. True/False

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5. The theory of natural selection which mentions 'Survival of Fittest' is given by Lamarck.

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