

स्कूल व्याख्याता

द्वितीय प्रश्न-पत्र

जीव विज्ञान

टारक आधारित
TEST SERIES



16
टेस्ट

MINOR TEST 10

MAJOR TEST 02

FINAL TEST 04

Offline Online

सीकर सेन्टर : नवलगढ़ रोड, सीकर (राज.)
जयपुर सेन्टर : रिद्धि-सिद्धि चौराहा,
गोपालपुरा बाईपास, जयपुर

Sikar Center

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⌚ 99828-44044

ऑफलाइन परीक्षा केन्द्र

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१ अलवर	१ बूदी	१ जोधपुर (West)	१ जायल	१ कुचामन	१ राजसमंद	१ सूरतगढ़
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१ बाड़मेर	१ चूरू	१ दूंगरपुर	१ झालावाड़	१ नीमकाथाना	१ सवाई माधोपुर	१ टोंक
१ भरतपुर	१ दौसा	१ गंगापुर सिटी	१ झोटवाड़ा (जयपुर)	१ नौहर	१ सीकर	१ उदयपुर
१ भीलवाड़ा	१ डेगाना	१ हनुमानगढ़	१ करौली	१ पाली	१ सिरोही	
१ ब्यावर	१ डीडवाना	१ जयपुर	१ कोटा	१ प्रतापगढ़	१ श्रीगंगानगर	

टेस्ट सीरीज की प्रमुख विशेषताएँ

- ऑफलाइन अभ्यर्थियों के लिए पाठ्य सामग्री का वितरण किया जायेगा।
- ऑनलाइन टेस्ट हेतु पाठ्य सामग्री केवल Read Only Mode में उपलब्ध होगी।
- प्रश्न-पत्र का माध्यम हिन्दी व अंग्रेजी दोनों होगा।
- प्रथम प्रश्न-पत्र के लिए टास्क बुकलेट उपलब्ध करवायी जाएगी जिसका माध्यम केवल हिन्दी होगा।
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ऑनलाइन टेस्ट सीरीज में बुकलेट एप पर रीड ऑनली मोड में ही उपलब्ध रहेगी।

TEST	DATE	REMARK
Minor Test-01	01.02.2026	
Minor Test-02	08.02.2026	
Minor Test-03	15.02.2026	
Minor Test-04	22.02.2026	
Minor Test-05	01.03.2026	
Major Test-01	08.03.2026	
Minor Test-06	15.03.2026	
Minor Test-07	22.03.2026	
Minor Test-08	29.03.2026	
Minor Test-09	05.04.2026	
Minor Test-10	12.04.2026	
Major Test-02	19.04.2026	
Final Test-01	26.04.2026	
Pre. 1 st Grade	03.05.2026	
Final Test-02	10.05.2026	
Final Test-03	17.05.2026	

नोट:- विशेष परिस्थिति में परीक्षा के दिन एवं दिनांक में परिवर्तन किया जा सकता है।

Schedule & Syllabus

Test & Date	Syllabus
<p>MINOR TEST 01</p> <p>01.02.2026</p>	<p>Taxonomy</p> <ul style="list-style-type: none">* Biological system of classification and branches of taxonomy.Concept of species and taxonomical hierarchy.* Binomial nomenclature.* Taxonomic keys, Flora, Monograph and Herbarium.* Classification of living organisms: Five Kingdom System and The Three Domain System.* Salient features and classification of plants (major groups upto class). <p>Structure Reproduction and Life cycle of the following:</p> <ul style="list-style-type: none">* Algae, Fungi, Bryophytes, Pteridophytes, and Gymnosperms. <p>Pedagogy and Teaching Learning Material</p> <ul style="list-style-type: none">* Communication skills and use of various verbal and non verbal classroom communication strategies.
<p>MINOR TEST 02</p> <p>08.02.2026</p>	<p>Taxonomy</p> <ul style="list-style-type: none">* Levels of Organization, Symmetry, Coelom and Metamerism in animals.* Salient features and classification of non chordata and chordata upto classes with examples. <p>Structure (External and Internal), Reproduction and Life cycle of the following</p> <ul style="list-style-type: none">* Amoeba, Obelia, Taenia, Ascaris, Pheretima, Periplanata, Rana and Rabbit. <p>Pedagogy and Teaching Learning Material</p> <ul style="list-style-type: none">* Teaching models- advance organizer and inquiry training (information processing) Group Investigation (Social Interaction) Non-Directive model (Personal development).

Schedule & Syllabus

Test & Date	Syllabus
<p>MINOR TEST 03</p> <p>15.02.2026</p>	<p>Animal Physiology</p> <ul style="list-style-type: none">* Digestion and absorption.* Breathing and respiration.* Body fluids and circulation.* Excretory products and their elimination.* Locomotion and movement.* Neural control and coordination.* Chemical coordination and regulation.* Reproduction. <p>Tools & Techniques: Basic Concepts</p> <ul style="list-style-type: none">* Microscopy-Light and Electron microscopy.* Centrifugation* Electrophoresis <p>Pedagogy and Teaching Learning Material</p> <ul style="list-style-type: none">* Preparation and use of teaching-learning material during teaching.
<p>MINOR TEST 04</p> <p>22.02.2026</p>	<p>Plant Physiology</p> <ul style="list-style-type: none">* Plant Water Relations, Phloem Transport and Ascent of Sap.* Photosynthesis.* Respiration and Photorespiration.* Mineral nutrition.* Plant movements.* Nitrogen and lipid metabolism.* Growth and development. <p>Pedagogy and Teaching Learning Material</p> <ul style="list-style-type: none">* Cooperative learning. <p>Use of Computers and Information Technology in Teaching Learning</p> <ul style="list-style-type: none">* E-learning and Virtual Classroom.

Schedule & Syllabus

Test & Date	Syllabus
<p>MINOR TEST 05 01.03.2026</p>	<p>Cell Structure and Functions</p> <ul style="list-style-type: none">* Concept of cell theory; Structure of Prokaryotic and Eukaryotic cell; Plant and Animal cell.* Structure, properties and functions of Cell envelopes, Cell membrane and Cell wall.* Cell organelles- Structure and Functions* Chemical constituents of living cells: Biomolecules - Structure and functions of proteins, carbohydrates, lipids, nucleic acids.* Cell division and cell cycle; Apoptosis (Programmed Cell Death). <p>Molecular Biology</p> <ul style="list-style-type: none">* Central Dogma of molecular Biology.* Chromosome - Structure & Organisation.* Gene Regulation in Eukaryotes and Prokaryotes. <p>Biology in Ancient India</p> <ul style="list-style-type: none">* Contribution of various Indian scientists. <p>Use of Computers and Information Technology in Teaching Learning</p> <ul style="list-style-type: none">* Concept of ICT and Digital learning .* Technology integration in teaching-learning and assessment. <p style="text-align: center;">Major Test-01 (08.03.2026)</p> <p style="text-align: center;">Minor-01 + Minor-02 + Minor-03 + Minor-04 + Minor-05</p>
<p>MINOR TEST 06 15.03.2026</p>	<p>Genetics</p> <ul style="list-style-type: none">* Mendelian Inheritance and its exceptions. Gene interactions.* Sex determination in Plants and Human beings.* Linkage and crossing over. <p>Biotechnology and its Applications</p> <ul style="list-style-type: none">* Microbial Culture: Nutritional Requirements & Culture Media, Sterilisation methods & Pure Culture Techniques.* r DNA technology.* Application of r DNA technology: DNA Finger printing, transgenic organisms, Gene therapy, Therapeutic Agents/Molecules- Monoclonal, Anti Bodies, Insulin, Growth Hormones.* Tissue Culture and its application: Plant and Animals <p>Pedagogy and Teaching Learning Material</p> <ul style="list-style-type: none">* Communication skills and use of various verbal and non verbal classroom communication strategies. (Revision)

Schedule & Syllabus

Test & Date	Syllabus
MINOR TEST 07 22.03.2026	<p>Structural Organisation in Animals and Plants</p> <ul style="list-style-type: none"> * Animal tissues: Types, Origin, Location, Structure and Functions. * Plant tissues: Types and Functions Anatomy of Monocot and Dicot root, stem and leaves. * Structural organisation of higher plants, Modifications of Roots, Stems and Leaves, Types of fruits. <p>Reproduction in Higher Plants</p> <ul style="list-style-type: none"> * Vegetative Propagation in plants. * Structure and function of flower in reference to sexual reproduction. * Microsporogenesis, Megasporogenesis, male and female gametophyte, Pollination, Fertilisation, Embryogenesis, Endosperm formation. Seed. Apomixis and Polyembryony. <p>Taxonomy</p> <ul style="list-style-type: none"> * Semi Technical Description of a flower, floral formula and floral diagram. <p>Pedagogy and Teaching Learning Material</p> <ul style="list-style-type: none"> * Teaching models- advance organizer and inquiry training (information processing) Group Investigation (Social Interaction) Non-Directive model (Personal development). (Revision)
MINOR TEST 08 29.03.2026	<p>Biology in Human Welfare</p> <ul style="list-style-type: none"> * Economic importance of Protozoa, Helminths, Insects and Molluscs. * Plant Utilisation- Cereals and Millets, Fibre yielding plants, Vegetable oils, Spices and Medicinal plants with special reference to the state of Rajasthan. * Microbes in Human Welfare. * Basic Concepts of Immunology, Vaccines, Pathogens, Parasites. <p>Ethology</p> <ul style="list-style-type: none"> * Types of Animal Behavior: Feeding, Learning, Social behaviour in Honey-bee, Termite, Monkeys and Lions, Parental care in animals (Amphibians, fishes and Primates). <p>Tools & Techniques: Basic Concepts</p> <ul style="list-style-type: none"> * ELISA * Chromatography * Spectroscopy <p>Enzymes</p> <p>Pedagogy and Teaching Learning Material</p> <ul style="list-style-type: none"> * Preparation and use of teaching-learning material during teaching. (Revision)

Schedule & Syllabus

Test & Date	Syllabus
<p>MINOR TEST 09 05.04.2026</p>	<p>Developmental Biology</p> <ul style="list-style-type: none">* Gametogenesis, Spermatogenesis and Oogenesis.* Fertilization, Cleavage, Blastula, Gastrula-Morphogenetic movement, Fate maps, Embryonic induction.* Metamorphosis in frog.* Regeneration.* Extra-embryonic membranes in chick.* Placenta in mammals.* Endocrine control of ovulation, pregnancy, parturition and lactation. <p>Biostatistics and Bioinformatics</p> <ul style="list-style-type: none">* Mean, Mode, Median, Standard deviation.* Basic Knowledge of Bioinformatic Web Portals.* Basic Knowledge of Biological and Sequence Database. <p>Tools & Techniques: Basic Concepts</p> <ul style="list-style-type: none">* In situ Localisation Techniques: FISH, GISH* DNA Sequencing <p>Pedagogy and Teaching Learning Material</p> <ul style="list-style-type: none">* Cooperative learning. (Revision) <p>Use of Computers and Information Technology in Teaching Learning</p> <ul style="list-style-type: none">* E-learning and Virtual Classroom. (Revision)

Schedule & Syllabus

Test & Date	Syllabus
<p>MINOR TEST 10 12.04.2026</p>	<p>Ecology</p> <ul style="list-style-type: none">* Ecosystems - structure and functions, Energy flow, Ecological pyramids, Productivity, Decomposition, Ecological adaptations, Succession. Population and Community Ecology. <p>Environmental Biology</p> <ul style="list-style-type: none">* Environmental Issues: Pollution, Green House Gases, Global Warming, Ozone Depletion, Deforestation, Soil Degradation.* Bio remediation, Waste water treatment, Solid waste management, Disposal of Bio medical waste. <p>Biogeography and Wild Life Conservation</p> <ul style="list-style-type: none">* Major terrestrial Biomes. Biogeographical zones of India, Endemism, Hot spots, Plant distribution with special reference to Rajasthan. Wild life conservation/Management Strategies. Concept of Protected areas. Biosphere reserves of India. Wild life sanctuaries, National Parks, Wetlands and Sacred grooves with special reference to Rajasthan. <p>Use of Computers and Information Technology in Teaching Learning</p> <ul style="list-style-type: none">* Concept of ICT and Digital learning .* Technology integration in teaching-learning and assessment. (Revision) <p>Major Test-02 (19.04.2026)</p> <p>Minor-06 + Minor-07 + Minor-08 + Minor-09 + Minor-10</p>

स्कूल व्याख्याता

टार्स्क आधारित TEST SERIES



26.04.2026



10.05.2026



17.05.2026

परीक्षा से पहले
एक परीक्षा

Pre.
1st Grade

03.05.2026



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