

Paper Pattern And Syllabus For First Terminal Examination-2021
10+1 Biology
Har Ghar Pathshala
(Total Pages:-2)

Class :- 10+1

Subject :- Biology

Maximum Marks:- 50

Duration Of Examination:- 3 hours

Syllabus to be covered in term 1

With marks allotted to each chapter :-

Syllabus With Marks Distribution		
Class : 10+1		
Subject : Biology		
First Terminal Examination – 2021		
Har Ghar Pathshala/HPBOSE		
Chapter Number	Name of Chapter	Marks Alloted To the Chapter
UNIT I DIVERSITY IN LIVING WORLD		
1	The Living World	3
2	Biological Classification	7
3	Plant Kingdom	6
4	Animal Kingdom	8
UNIT II STRUCTURAL ORGANISATION IN PLANTS AND ANIMALS		
5	Morphology of Flowering Plants	4
7	Structural Organization In Animals	4
8	Cell: The Unit Of Life	10
9	Biomolecules	8

	Total Marks	50 (Fifty)
NOTE		
The deleted topics as prescribed by HPBOSE Dharamsala in accordance with 30% reduced syllabus will not be considered while setting question paper.		

Paper pattern:-

1. There are two sections in question paper, Section-A and Section-B.
2. Section A comprises 20 questions of 1 Mark each. Out of these 16 are MCQ type and 4 questions are Assertion and Reason type.
3. Section B comprises 11 questions i.e. Q. No. 21 to 31.
4. Q. No. 21 to 27 (total 7 questions) are Short Answer Type and of 2 Marks each. (7x2 = 14 Marks)
5. Q. No. 28 and 29 (total 2 questions) are Long Answer Type and of 3 Marks each. (2x3 = 6 Marks)
6. Q. No. 30 and 31 (total 2 questions) are Very Long Answer Type and of 5 Marks each. (2x5 = 10 Marks)
7. There will be internal choice in Q. No. 24, 26, 28, 31.

Assessment Areas i.e. competencies to be evaluated:-

Competencies	%age of Total Questions (Approximate)
Demonstrate Knowledge and Understanding	50%
Application of Knowledge/Concepts	30%
Analyse, Evaluate and Create	20%

Deleted Syllabus Prescribed By HPBOSE:-

10+1 Class	
Name of Units	Deleted Chapters/Portion
Unit -I Chapter-I Diversity of Living organisms.	Chapter-I : The living world) Taxonomy and systematics (Page No. 7 & 8)) Taxonomical aids-herbarium, botanical gardens, Museum, Zoological Parks and Key (Page No. 11 to 14) Chapter III : Plant Kingdom) Angiosperms- classification upto class, characteristic features and examples (Page No. 40 & 41)
Unit -II Structural organisation in	Chapter -V : Morphology of flowering plants) Morphology and modification of different parts of flowering plants: root, stem, leaf (Page No 65 to 71) Fruit and seed (Page No. 76 & 77)) Description of some important families Fabaceae (Page No. 78 & 79) Chapter-VI : Anatomy of flowering plants (Page No. 84 to 99) Chapter-VII : Structural organisation in animals.) Morphology anatomy and functions of different system of an insect (cockroach) (Page No. 111 to 115)
Unit -IV Plant physiology	Chapter -XI : Transport in Plants (Page No. 175 to 193) Chapter-XII : Mineral nutrition (Page No. 194 to 205) Chapter-XV : Plant - Growth and development) Seed germination, phases of plant growth and plant growth rate, conditions for growth, differentiation, de differentiation and re-differentiation, development (Page No. 240 to 247)) Photoperiodism, vernalization and seed dormancy (Page No. 251 to 253) Chapter-XVI : Digestion and absorption (Page No. 257 to 267)
Unit -V Human Physiology	Chapter -XX : Locomotion and movement) Types of movement - Ciliary, flagella, Muscular (Page No. 302 & 303)) Skeletal system and its functions, joints, disorders of muscular and skeletal systems. (Page No. 309 to 312) Chapter- XXI : Neural control and coordination) Reflex action; sensory reception and processing: sense organs, elementary structure and functions of eye and ear (Page No. 322 to 327)
Proposed portion to be deleted :- Class 10+1 Practicals	
A List of experiments	
1. Description of family fabaceae 2. Preparation and study of T.S of Dicot and manocot. 3. Study of osmosis by potato osmometer. 4. Study of plasmolysis in epidermal peels. 5. comparative study of rates of transpiration in the upper and lower surface of leaves. 6. Test for the presence of sugar, starch, proteins and fats in suitable plant and animal material. 7. Test for presence of urea in urine. 8. Test for presence of bile salts in urine. B Study / observation of the following (spotting) 1. Tissues and diversity in shape and size of plant cells, though temporary and permanent slides. 2. Different modifications in roots, stems and leaves. 3. Different types of inflorescence. 4. To study human skeleton and different types of joints. 5. Study of external morphology of cockroach.	

For Any Kind Of Query Pl Contact:-

Vijay Kumar

Lecturer in Biology

GSSS Chambh

Distt. Hamirpur H.P.

9418725325, 7807252254