

Department of Botany

Identification of advanced and slow learners in the subject Botany

Session 2020-21

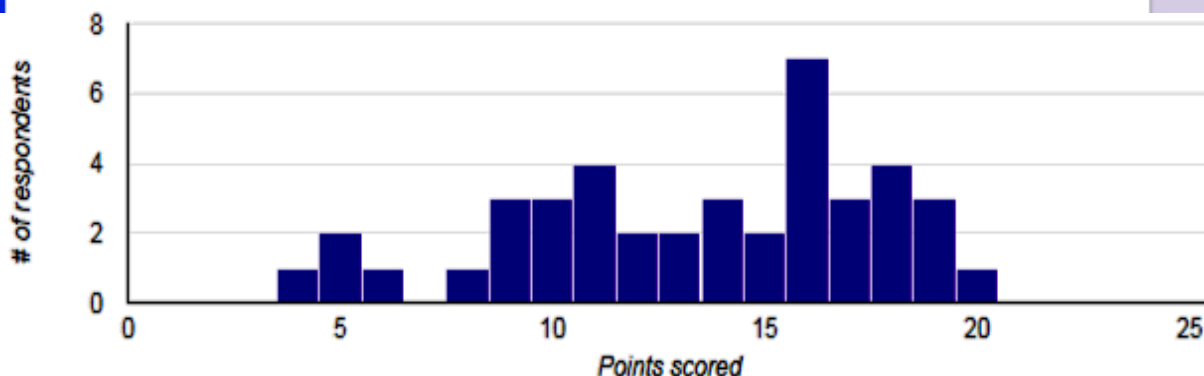
Criteria used for identification of Advanced (Bright) and Slow (Weak) learners:

- General Aptitude Tests were (two consecutive tests) conducted at the beginning of the session.
- Students scoring above 70% marks in both the tests were identified as bright students.
- Students scoring below 40% marks in both the tests were identified as weak students.
- Students scoring between 41% to below 69% marks were identified as average students.

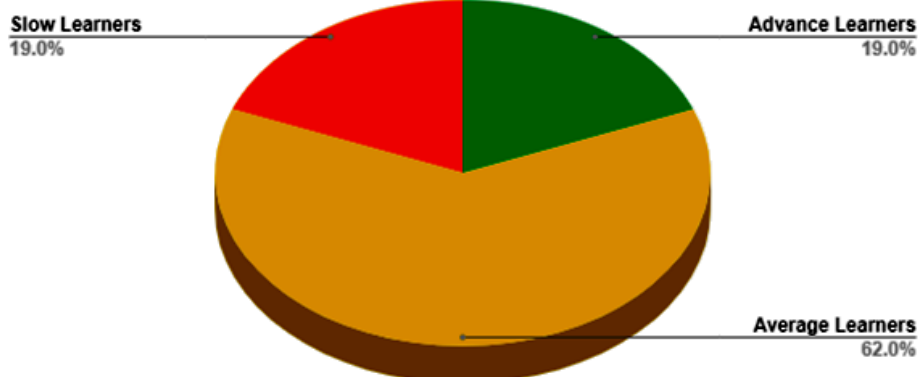
APTITUDE TEST 01 FOR LEARNING BIOLOGY/LIFE SCIENCES

Dear students, Botany Department has organized Aptitude Test Series for testing basic concepts in the subject Biology/Life Sciences emphasizing Plant science/Botany. Solve this MCQ based examination and test your understanding and preparation for learning the opted subject.

Subject: Aptitude Test 01
Total Marks: 25
Date: 20/11/2020
Time: 50 Minutes (6:00 to 6:50 PM)



Identification of Advance and Slow learners in the subject Biology



APTITUDE TEST 02 FOR LEARNING BIOLOGY/LIFE SCIENCES

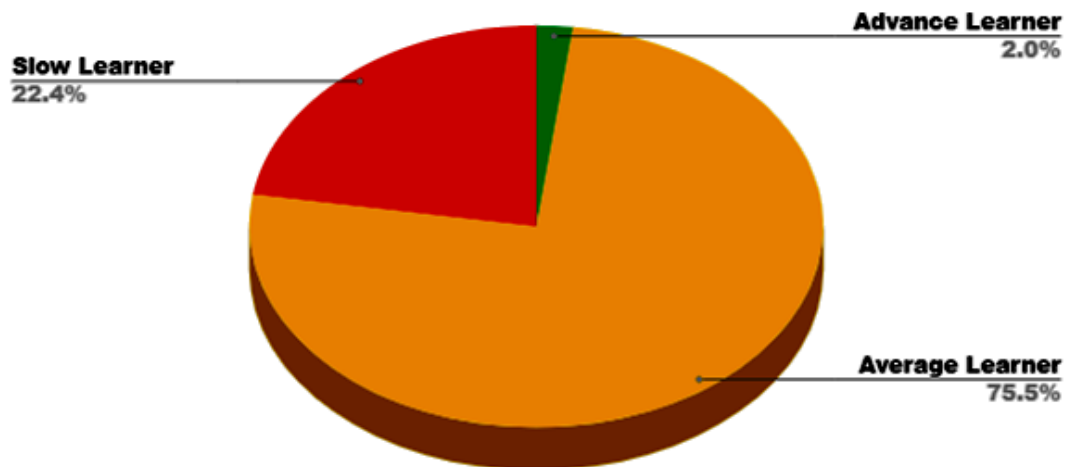
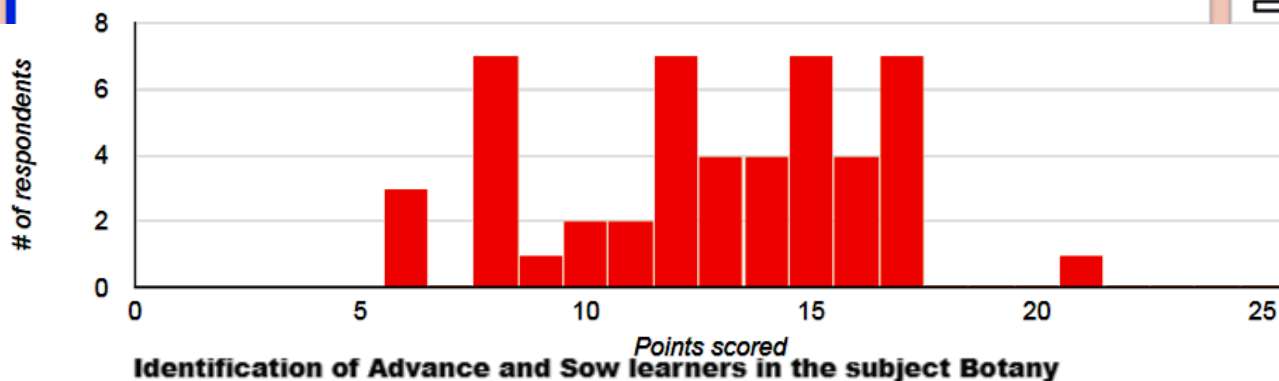
Dear students, Botany Department has organized Aptitude Test Series for testing basic concepts in the subject Biology/Life Sciences emphasizing Plant science/Botany. Solve this MCQ based examination and test your understanding and preparation for learning the opted subject.

Subject: Aptitude Test 02

Total Marks: 25

Date: 21/11/2020

Time: 50 Minutes (6:00 to 6:50 PM)



Links for the Aptitude Tests conducted for the identification of advanced and slow learners during the academic session 2020-21:

Aptitude Test 01

<https://docs.google.com/forms/d/1hVe9fW0WtuqX0SFtxL16pWCCgn8lhLGSsmJedsxAuRM/edit?usp=sharing>

Aptitude Test 02

https://docs.google.com/forms/d/1fB0GT1gcAIEIUJbB3swRudpx_RKJkz5M5MmziXmMGM/edit?usp=sharing

Department of Botany

Activities conducted for advanced learners:

- Encouraged students for model, chart and rangoli making based on the syllabus topics learnt in the classroom.
- Encouraged students for participation in Symposium, Seminar, Conference and various completions like quiz, poster and photography organized by the college and other institutions.
- Provided guidance for identification of their interests and career planning through personal communication.

Prashant Wagh
Oct 20, 2020

Dear students register for this seminar and attend it on 24th. One of the resource person Prof. S. R. Tadap is a Botanist, who studied plants found in entire Western Ghat. So don't miss it.

Brochure of life science
PDF
Prashant Wagh
Nov 15, 2020

Future Farming

Waste-Ed - CONTAINER F...
<https://www.facebook.com/G...>

Prashant Wagh
Nov 24, 2020

Future Food

World Economic Forum - 3...
<https://www.facebook.com/w...>

Prashant Wagh
Nov 28, 2020

Dear students,
Watch this one. Isn't it innovative. Think and suggest any plant sp. native to our region which can be used in place of Apple.

World Economic Forum - T...
<https://www.facebook.com/w...>

Prashant Wagh
Dec 6, 2020

Dear students,
Don't miss the opportunity. Participate in the competition.

Scintillation flyer.pdf
PDF

Prashant Wagh
Jan 4, 2021

Vernacular names of fragrant flowers

फुलांच्या जगामध्ये.....pdf
PDF

Prashant Wagh
Aug 9, 2021

Participate in the competition.

Competition on Medicinal ...
PDF

Facebook
<https://www.facebook.com/gr...>

Prashant Wagh
Oct 31, 2020

प्रिय छात्रां, 2020 को आनंद निकेतन कॉलेज, सरदार वल्लभभाई पटेल की 145 वीं जयंती 'राष्ट्रीय एकता दिवस' और श्रीमती की इंदिरा गांधी 36 वीं पुण्यतिथि राष्ट्रीय प्रतिज्ञा दिवस' के रूप में मना रहा है। नीचे इन महान दूरदर्शियों की जीवनी पर आधारित राष्ट्रीय स्तर के सामान्य ज्ञान प्रश्नोत्तरी की लिंक पोस्ट कि है। आप सभी से अनुरोध है कि इन राष्ट्र निर्माणकर्ताओं की यादों को संजोने के लिए प्रश्नोत्तरी में भाग लें।

Dear students,
Anand Niketan College is celebrating 145th Birth Anniversary of Sardar Vallabhbhai Patel as 'National Unity Day' and 36th Death Anniversary of Smt. Indira Gandhi as 'National Pledge Day' on 31st October, 2020. Posted below is the link for National Level General Knowledge Quiz based on the Biography of these Great Visionaries. You all are requested to participate in the quiz to cherish the memories of these Nation Builders.

Prashant Wagh
Nov 7, 2020

Participate in the competition

IMG-20201107-WA0003.j...
Image
<https://forms.gle/gfNmGs2uwHCJXJcR8>

Prashant Wagh
Nov 8, 2020 (Edited Nov 8, 2020)

Dear students,
Botanical Society of the College is organizing two days e-Seminar on the occasion of 'BIRD WEEK CELEBRATION-2020' on 9th and 10th November. You have to attend it on both days. For registration to e-Seminar use link <https://forms.gle/Z8dGOBFcCcgkZohR7>

e-Seminar will be conducted using Google Meet as an online platform. For attending the seminar on both days use following link: <https://meet.google.com/mou-nzqg-yhj>

Certificate of participation will be delivered to registered participants only.
There will be no other online classes on both the days.
Schedule for e-Seminar is as follows;
Schedule of the State Level Two Days e-Seminar on, 'BIRD WEEK CELEBRATION-2020'

Day 01: Monday, 09th November, 2020
Inaugural Remarks 10:30 to 10:40 am Dr. M. C. Kale, Principal
Introduction of the Resource Person 10:40 to 10:50 am Dr. P. J. Wagh
Invited Talk 10:50 to 12:00 pm Dr. Praveen Joshi
Discussion with Participants 12:00 to 12:15 pm
Vote of thanks 12:15 to 12:20 pm Ms. V. D. Dadmal

Day 02: Tuesday, 10th November, 2020
Introduction of the Resource Person 11:30 to 11:40 am Dr. P. J. Wagh

Prashant Wagh
Dec 15, 2020

५१वे अखिल भारतीय मराठी विज्ञान अधिवेशन दूरस्थ संपर्क प्रणाली मार्फत सध्या सुरु आहे.

आज मंगळवार दि. १५ डिसेंबर २०२० ला सायंकाळी ६:०० ते ८:३० या दरम्यान 'प्रयोगालून विज्ञान' या विशेष सत्राचे आयोजन केले आहे. यात वनस्पतीशास्त्र, प्राणीशास्त्र, रसायनशास्त्र, भौतिकशास्त्र व गणितातील प्रयोग सादर होणार आहेत. प्रा. भगवान चक्रदेव, प्रा. डॉ. मनीषा कर्प, प्रा. सुधा मोघे - सोमणी ही प्रयोग प्रात्यक्षिके सादर करतील.

मराठी विज्ञान परिषदेच्या <https://mavipa.org/liveadhiveshan> या संकेतस्थळावरून थेट प्रसारण होणाऱ्या हा कार्यक्रमाचा लाभ जिनासू विनामूल्य घेऊ शकता. आपण सहभागी व्हा, इतरांनाही कळवा.

Prashant Wagh
Jan 21, 2021

Department of Botany
Modern college of Arts, Science and Commerce, Ganeshkhind Pune is organising an *online Intercollegiate Poster Competition on*

Wetland and Water
 Subtopics
* Wetland Ecology
* Wetland Biodiversity and Importance
* Wetland threats and Restoration
* Flora And Fauna of Wetland
* Etc.

Entries Accepted from 21 January to 31 January

For registration and sending file click on the link
https://docs.google.com/forms/d/e/1FAIpQLScpAZ-HgTo1V7SLUYBtApz5mTJmumHXKpDggWngmqb89A/viewform?usp=sf_link

Department of Botany

Efforts taken for Average and Slow Learners

- Run Bridge Courses prior to teaching topics in the prescribed syllabus.
- In person follow up for class attendance, assignment completion and problem solving.

Links for reading materials provided in Bridge Courses

- https://drive.google.com/file/d/1yt9QUnt1HGY_pnrgkVXkqlzF3KNDsQ9/view?usp=sharing
- <https://drive.google.com/file/d/1AcLajyRvtwFDifX5oHXqQvqYadK6LqG/view?usp=sharing>
- <https://drive.google.com/file/d/1QXlw7YSw60Dwbmc0JKWEwRHSAzJE3tXQ/view?usp=sharing>



Prashant Wagh

Jun 20, 2020

Dear students,

Sharing here is the reading material under bridge course for linking basics and fundamentals of the topics mentioned in the semester III syllabus.

Go through the reading material and post your doubts and queries.



Bridge course material P I ...
PDF



Prashant Wagh

Jun 18, 2020 (Edited Jun 19, 2020)

Dear students,

Posting here is the reading material for recalling the basics from 12th standard. Go through it and post any query/doubts raise during reading.



Molecular Basis of inherita...
PDF



Prashant Wagh

Apr 5, 2021

Dear students,

uploaded here is the portion from 12th Standard Biology Textbook where some basic aspects of the Plant Biotechnology {11.3 Tissue Culture (page number 249-252) and 12.4 Application of Biotechnology D. Genetically Modified Organisms (page number 282 - 285)} are mentioned. Hope you all have studied this portion in undergraduate classes. You are suggested to go through these topics once again in order to improve your understanding further at detailed level during the current semester. Queries/repsponses are eagerly awaited in the comment box.



Bridge Course SEM VI Rea...
PDF

Department of Chemistry

CHEMISTRY TEST EXAM FOR SLOW LEARNER STUDENTS

Department of Chemistry,
Anand Niketan College Warora

* Required

1. Email *

2. FULL NAME *

3. CLASS *

Mark only one oval.

PCM [B.Sc 1 st year]

CBZ [B.Sc 1 st year]

QUESTIONS

ALL QUESTIONS ARE COMPULSORY.
EACH QUESTION CARRY 2 MARKS.

4. 1] The element, with atomic number 118, will be *

Mark only one oval.

alkali

noble gas

lanthanide

transition element

5. 2] Cation and anion combines in a crystal to form following type of compound. *

Mark only one oval.

- IONIC
- METALLIC
- COVALENT
- DIPOLE-DIPOLE

6. 3] The angular shape of ozone molecule (O_3) consists of : *

Mark only one oval.

- 1 sigma and 2 pi bonds
- 2 sigma and 2 pi bonds
- 1 sigma and 1 pi bonds
- 2 sigma and 1 pi bonds

7. 4] Which of the following species has four lone pairs of electrons? *

Mark only one oval.

- I
- O^-
- Cl^-
- He

8. 5] Which structure is linear? *

Mark only one oval.

SO₂

CO₂

CO₃

SO₄

9. 6] Which statement is NOT correct? *

Mark only one oval.

A sigma bond is weaker than a π -bond.

A sigma bond is stronger than a π -bond.

A double bond is stronger than a single bond

A double bond is shorter than a single bond

10. 7] Strongest hydrogen bond is shown by *

Mark only one oval.

water

Ammonia

Hydrogen fluoride

Hydrogen sulphide.

11. 8] The correct order regarding the electronegativity of hybrid orbitals of carbon is *

Mark only one oval.

$sp > sp^2 > sp^3$

$sp < sp^2 > sp^3$

$sp < sp^2 < sp^3$

$sp > sp^2 < sp^3$

12. 9] Lassaigne's test in qualitative analysis to detect *

Mark only one oval.

Nitrogen

Sulphur

Chlorine

All of these

13. 10] Among the elements Ca, Mg, P and Cl, the order increasing atomic radii is : *

Mark only one oval.

$Ca < Mg < P < Cl$

$Mg < Ca < Cl < P$

$Cl < P < Mg < Ca$

$P < Cl < Ca < Mg$

14. 11] Which one of the following ions will be the smallest in size? *

Mark only one oval.

Na⁺

Mg⁽²⁺⁾

F⁻

O⁽⁻²⁾

15. 12] Among the following oxides, the one which is most basic is *

Mark only one oval.

ZnO

MgO

Al₂O₃

N₂O₅

16. 13] Elements of which of the following groups will form anions most readily? *

Mark only one oval.

Oxygen family

Nitrogen family

Halogens

Alkali metals

17. 14] In the periodic table, with the increase in atomic number, the metallic character of an element *

Mark only one oval.

- Decreases in a period and increases in a group
- Increases in a period and decreases in a group
- Increases both in a period and the group
- Decreases in a period and the group.

18. 15] The oxidation number of chromium in potassium dichromate is *

Mark only one oval.

- +6
- 5
- 2
- +2

19. 16] The low density of ice compared to water is due to *

Mark only one oval.

- hydrogen-bonding interactions
- dipole-dipole interactions
- dipole-induced dipole interactions
- induced dipole-induced dipole interactions

20. 17] Be(2+) is isoelectronic with which of the following ions? *

Mark only one oval.

H+

Li+

Na+

Mg(2+)

21. 18] -----are saturated hydrocarbon, represented by general formula C_nH_{2n+2} . *

Mark only one oval.

Alkanes

Alkyl halides

Alkyl groups

d. Alcohols

22. 19] Which one of the following reagent react with alcohol to give alkyl halides *

Mark only one oval.

Halogen acids

Phosphorus halide

Thionyl chloride

All of the above

26. 23] When alkyl halide is treated with sodium alkoxide the product is *

Mark only one oval.

alcohol

ether

ester

ketone

27. 24] Picric acid is- *

Mark only one oval.

2,4-dinitrophenol

2,6-dinitrophenol

2,4,6-trinitrophenol

2,3,5-trinitrophenol

28. 25] Williamson synthesis is used to synthesize- *

Mark only one oval.

ester

ether

ketone

aldehyde

Department of Physics

ANAND NIKETAN COLLEGE ANANDWAN WARORA

DEPARTMENT OF PHYSICS

SURPRISE TEST RECORD

Timestamp	Email Address	Score	NAME	MOBILE NUMBER
6/30/2021 7:43:16	bhushankamdi2018@gmail.com	18 / 20	Bhushan kamdi	9325359882
6/30/2021 7:43:53	monughaveghave@gmail.com	6 / 20	Mohini sanjayrao ghavghave	9673086401
6/30/2021 7:46:44	ambikapijdurkar@gmail.com	18 / 20	Ambika Vinayak Pijdurkar	9579439391
6/30/2021 7:46:47	pratikshabadkhal2002@gmail.com	18 / 20	Pratiksha vilas badkhal	7498434622
6/30/2021 7:48:27	pranaypatil1682001@gmail.com	6 / 20	Pranay patil	8605892809
6/30/2021 7:48:38	varshashastrakar40@gmail.com	18 / 20	Varsha Vasanta Shastrakar	8605467935
6/30/2021 7:50:15	mzade202020@gmail.com	16 / 20	Monika Ravindra Zade	8975420210
6/30/2021 7:51:02	yogitataksande5@gmail.com	18 / 20	Yogita Janardhan Taksande	8669251959
6/30/2021 7:51:45	goluskar1999@gmail.com	14 / 20	Golu deorav askar	8412009960
6/30/2021 7:54:21	khulsangeabhi@gmail.com	16 / 20	Abhilasha Shivshankar Khulsange	9067716791
6/30/2021 7:54:58	vaishnavimendhe20@gmail.com	14 / 20	Vaishnavi Mendhe	7620190326
6/30/2021 7:54:58	mahakulkarsakshi@gmail.com	2 / 20	Sakshi Raju mahakulkar	9322632120
6/30/2021 7:55:30	dikshafulzele14@gmail.com	18 / 20	Dikaha Fulzele	7744957425
6/30/2021 7:56:09	renukamilmile33@gmail.com	6 / 20	Renuka Sambaji Milmile	8421420184
6/30/2021 7:57:03	Sumanramteke4@gmail.com	20 / 20	Renuka Devidas Ramteke	9604035215
6/30/2021 7:59:22	aditiwalde24@gmail.com	18 / 20	Aditi walde	94218 82257
6/30/2021 8:00:32	jayshriwakde2002@gmail.com	14 / 20	Jayshri Naresh Wakade	9579201113
6/30/2021 8:00:35	suhasgawai2001@gmail.com	20 / 20	Suhas Gawai	9860795361
6/30/2021 8:00:39	pratikshachide2020@gmail.com	18 / 20	Pratiksha Raju Chide	9552157390
6/30/2021 8:04:55	vaishnavikhapne@gmail.com	8 / 20	Vaishnavi Mohan Khapane	8766420803
6/30/2021 8:06:21	gauravmoharle2002@gmail.com	20 / 20	Gaurav Moharle	7666406998
6/30/2021 8:07:40	borap5366@gmail.com	18 / 20	Pooja bora	8856862716
6/30/2021 8:07:43	gopalghodmare14@gmail.com	18 / 20	Gopal	7448171846
6/30/2021 8:09:50	gvaishnavi412@gmail.com	16 / 20	Vaishnavi Gawande	9309894188
6/30/2021 8:10:24	ramdasaskar@gmail.com	18 / 20	Bhagyashri Ramdas Askar	7666920388
6/30/2021 8:12:37	khiratkarlaxmi@gmail.com	14 / 20	Laxmi Raju Khiratkar	8805245054
6/30/2021 8:13:09	mayurchikte2002@gmail.com	18 / 20	Mayur chikte	8767570368
6/30/2021 8:14:25	ashwinipimpalshende05@gmail.com	16 / 20	Ashwini Maroti pimpalshende	9322126429
6/30/2021 8:14:29	sb04032002@gmail.com	12 / 20	SHIVAM RANGNATH BAWANE	9511241373
6/30/2021 8:14:37	monalilambat2001@gmail.com	16 / 20	Monali Ramdas Lambat	9359395232
6/30/2021 8:14:49	urjadurge@gmail.com	16 / 20	Urja vitthal durge	8668568051
6/30/2021 8:15:12	taleganesh56@gmail.com	16 / 20	Karishma Ganesh Tale	8767066802
6/30/2021 8:16:27	nikhitamalekar64@gmail.com	20 / 20	Nikhita ravindra malekar	7498872918
6/30/2021 8:17:07	madhuriawachat12@gmail.com	20 / 20	Madhuri Vitthal Awachat	7666104665
6/30/2021 8:17:28	nikureprajwal@gmail.com	16 / 20	Prajwal sheshrao nikure	7083588136
6/30/2021 8:18:30	meghasontakke4567@gmail.com	12 / 20	Megha Kisan sontakke	9604632565
6/30/2021 8:25:43	shubhamdeotale16606@gmail.com	20 / 20	Shubham Yadav Deotale	8668984460
6/30/2021 8:26:05	akankshajivtode5525@gmail.com	20 / 20	Akanksha Raju Jivtode	8379844690
6/30/2021 8:26:21	sanketbhadke22@gmail.com	14 / 20	Sanket bhadke	7498445800
6/30/2021 8:28:10	harshdajiwode13@gmail.com	16 / 20	Harshda Dashrath Jiwode	9309775968
6/30/2021 8:28:41	vijayanannaware@gmail.com	16 / 20	Vijaya Rambhau Nannaware	7666394835
6/30/2021 8:29:43	prashantmeshram0873@gmail.com	12 / 20	Prashnant Ramesh Meshram	7798288687
6/30/2021 8:32:53	darekarshraddha482@gmail.com	12 / 20	Shraddha Gajanan Darekar	8767533485
6/30/2021 8:36:30	roshanmahakulkar247@gmail.com	16 / 20	Roshan Mahakulkar	9834262053
6/30/2021 8:38:35	nandinipachare037@gamil.com	20 / 20	Nandini narendra pachare	8767478834

6/30/2021 8:42:36	hanwaterohan61@gmail.com	14 / 20	Rohan hanuman hanwate	8605317217
6/30/2021 8:43:45	jayshripakmode2020@gmail.com	20 / 20	jayshri suresh pakmode	9322284986
6/30/2021 8:46:00	pornimawararkar6@gmail.com	20 / 20	Pornima Rajkumar Wararkar	8767068835
6/30/2021 8:49:57	ravinaambaghare001@gmail.com	20 / 20	Ravina Ambaghare	8766458159
6/30/2021 8:51:11	detheashish53@gmail.com	20 / 20	Ashish shankar dethe	8605561755
6/30/2021 8:53:44	janavipethe6@gmail.com	16 / 20	Janavi pethe	8856819860
6/30/2021 8:53:57	sakshiwatkar66@gmail.com	4 / 20	Sakshi watkar	9420554545
6/30/2021 9:07:44	pranalizile99@gmail.com	16 / 20	Pranali G. Zile	7620895045
6/30/2021 9:33:55	vivekthak2002@gmail.com	14 / 20	Vivek nanaji thak	9359846344
6/30/2021 9:49:04	dabhekarsudhir@gmail.com	8 / 20	Sudhir Dabhekar	9923259204
6/30/2021 9:58:43	sureshgohane20@gmail.com	18 / 20	<i>Chaitali suresh gohane</i>	8999884205
6/30/2021 10:24:42	ksatpute5822@gmail.com	20 / 20	Kajal namdeo satpute	7218728584
6/30/2021 16:12:52	komalkamdi2001@gmail.com	14 / 20	Komal kamdi	8767257494
6/30/2021 18:34:23	vmahalle334@gmail.com	16 / 20	Vaishnavi Gajanan Mahalle	8010478871
6/30/2021 20:42:39	vbhoyar4620@gmail.com	10 / 20	Vaishnavi vitthal bhoyar	9156198529
7/2/2021 15:50:34	ankitawasekar11@gmail.com	8 / 20	Ankita	9359466559

Department of Physics
Surprise test for the identification of
Slow Learner & Advanced Learner
Session - 2020-2021
Class: B.Sc.I Year

Sr.n	Gender	Name of Students	Marks
4	Male	BAILMARE GANESH ARUN	5
7	Female	BHAGAT SHRUTIKA MURLIDHAR	7
15	Female	DAHULE MOHINI VINOD	6
16	Male	DAHULE GANESH RAJU	3
17	Female	DAKHARE NILIMA VILAS	4
20	Female	DARVE DHANASHRI VILAS	7
25	Female	DODAKE PRATIKSHA MURLIDHAR	6
28	Male	GHATE NAYAN PANDURANG	7
29	Female	GHAUGHAVE MOHINI SANJAYRAO	6
31	Male	GHODMARE GOPAL LOKNATH	2
32	Female	JAMBHULKAR SAKSHI MAROTI	7
38	Male	KASHTI UMESH SURESH	1
39	Male	KHADE SAGAR BANDU	5
41	Female	KHARKAR VRUSHALI VIJAY	6
44	Male	KOHPARE UJWAL SUNILRAO	7
46	Male	LIHITKAR ASHITOSH RAVINDRA	5
48	Female	MAHAKULKAR SAKSHI RAJU	2
49	Female	MENDHE VAISHNAVI TATOBA	4
51	Female	MESHRAM RAVINA EKNATH	0
52	Male	MESHRAM YASHWANT PRAKASH	7
53	Female	MILMILE RENUKA SAMBAJI	6
55	Male	NAITAM DHANRAJ PRAKASH	6
56	Male	NANNAWARE SHESHARAO BHARAT	5
59	Female	NIMJE ROSHANI KAVINDRA	4
64	Female	PATHAN MOHEENA PARVIN SAMSHER KHAN	3
66	Female	PIJDURKAR SHRADDHA SAINATH	7
70	Female	RAUT AVANTIKA YOGESH	6
71	Female	SAPAT SAYLI PANDURANG	7
74	Male	SOOR ANKIT GANESH	2
75	Female	TAJNE LAXMI CHANDU	7
79	Male	THOMBARE RAKESH KHUSHALRAO	7
83	Female	WATKAR SAKSHI ANILRAO	4
86	Female	BADKHAL PRATIKSHA VILAS	6
87	Male	BARDE ANIKET GUNWANT	7
89	Male	BHALME MAYUR DILIP	6
90	Male	CHAUDHARI KUNAL SHALIK	7
91	Female	CHINCHOLKAR NIKHITA VITTHAL	6
93	Male	DHAWAS PIYUSH GAJANAN	6
98	Male	JUMADE SANGHARSH RAJHANS	7
99	Male	KHIRATKAR OM SANJAY	2
100	Female	KUREKAR SHRUTI ANIL	6
101	Male	MAGARE PRAJWAL DAMODHAR	7
105	Male	MESHRAM PRATHAM RAJU	6

106	Female	PIJDURKAR AMBIKA VINAYAK	7
108	Female	SHENDE AMISHA RAMESHRAO	7

SURPRISE TEST ON VECTOR ANALYSIS

SUBJECT TEACHER : ASST. PROF. KALYANI VITTHAL ATRAM

* Required

1. Email *

2. NAME *

3. MOBILE NUMBER *

4. 1. The quantity which has the only magnitude is called _____ *

2 points

Mark only one oval.

- a) A scalar quantity
- b) A vector quantity
- c) A chemical quantity
- d) A magnitude quantity

5. 2. What is the magnitude of a unit vector? *

2 points

Mark only one oval.

- a) It has no magnitude
- b) Zero
- c) Constant but not zero
- d) Unity

6. 3. Which of the following has zero magnitude? *

2 points

Mark only one oval.

- a) Fixed vector
- b) Zero vector
- c) Modulus of a vector
- d) Unit vector

7. 4. The position of a particle in a rectangular coordinate system is (3,2,5). What will the position vector be? *

2 points

Mark only one oval.

- a) $3\mathbf{i} + 2\mathbf{j} + 5\mathbf{k}$
- b) $3\mathbf{i} - 2\mathbf{j} - 5\mathbf{k}$
- c) $5\mathbf{i} + 2\mathbf{j} + 3\mathbf{k}$
- d) $2\mathbf{i} + 5\mathbf{j} + 3\mathbf{k}$

8. 5. Which of the following is a vector? *

2 points

Mark only one oval.

- a) Surface Tension
- b) Moment of Inertia
- c) Pressure
- d) None of the above

9. 6. A quantity described by magnitude and direction both are called *

2 points

Mark only one oval.

- a) scalar
- b) vector
- c) unit
- d) all of above

10. 7. Displacement is *

2 points

Mark only one oval.

- a) scalar
- b) vector
- c) unit
- d) all of above

11. 8. Gradient of scalar field is----- *

2 points

Mark only one oval.

- a) scalar quantity
- b) vector quantity
- c) Both a and b
- d) None of the above

12. 9. Divergence of vector field is ----- *

2 points

Mark only one oval.

- a) scalar quantity
- b) vector quantity
- c) Both a and b
- d) None of the above

13. 10. Curl of a vector field is ----- *

2 points

Mark only one oval.

- a) scalar quantity
- b) vector quantity
- c) Both a and b
- d) None of the above

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Department of Zoology

Assessment of Slow and Advanced Learner

Name of Student:
Class:

Max. Marks: 50
Time: 45mins

Note: All Questions are compulsory and carries 2marks each

1. Animals undergo inactive stage during winters. It is called :
(a) Acclimatisation (b) Hibernation (c) Aestivation (d) Adapation
2. Ozone protects biosphere from high energetic:
(a) Infra-red rays (b) Ultraviolet rays (c) X-rays (d) gamma rays
3. Which of the following groups is formed only of the hermaphrodite organisms?
(a) Earthworm, tapeworm, housefly, frog
(b) Earthworm, tapeworm, sea horse, housefly
(c) Earthworm, leech, sponge, roundworm
(d) Earthworm, tapeworm, leech, sponge
4. Meiosis does not occur in
(a) asexually reproducing diploid individuals
(b) sexually reproducing haploid individuals
(c) sexually reproducing diploid individuals
(d) all of these.
5. _____ is a life process that is not essential for an individual's survival but for survival of the species.
(a) Growth (b) Reproduction (c) Respiration (d) Nutrition
6. Clones' are individuals that have exactly the same
(a) Lifespan (b) physiology (c) growth rate (d) genetic makeup.
7. Which one of the following processes results in the formation of clone of bacteria?
(a) Regeneration (b) Budding (c) Binary fission (d) Fragmentation
8. Asexual reproduction is seen in members of Kingdom
(a) Monera (b) Plantae (c) Animalia (d) All of these
9. During binary fission in Amoeba which of the following organelles is duplicated?
(a) Plasma membrane (b) Nucleus (c) Contractile (d) All of these
10. Sexual reproduction is considered more beneficial than asexual reproduction because
(a) it is not affected by adverse environmental conditions
(b) fertilization is a chance factor
(c) it rapidly multiplies the population
(d) it assists in evolution by producing variations.
11. Development of new individual from female gamete without fertilisation is termed as
(a) syngamy (b) embryogenesis (c) oogamy (d) parthenogenesis.

12. Deposition of calcareous shell around zygote occurs in
 (a) birds and reptiles (b) birds and mammals (c) mammals and reptiles (d) all of these.
13. Select the option which shows viviparous animals only,
 (a) Lizard, Turtle (b) Platypus, Crocodile (c) Cow, Crocodile (d) Whale, Mouse
14. Viviparity is found in
 (a) Sharks (b) lizards (c) frogs (d) birds
15. Animal husbandry and plant breeding programmes are the examples of
 (a) reverse evolution (b) artificial selection (c) mutation (d) natural selection.
16. Linnaeus evolved a system of nomenclature called _____.
 (a) Vernacular (b) Monomial (c) Polynomial (d) Binomial
17. What is a taxon?
 (a) A group of related families (b) A type of living organisms
 (c) A group of related species (d) A group of any ranking
18. Five kingdom system of classification suggested by R.H. Whittaker is not based on:
 (a) Presence or absence of a well defined nucleus. (b) Mode of reproduction.
 (c) Mode of nutrition. (d) Complexity of body organisation.
19. Who is called as "Father of taxonomy"
 (a) Hooker (b) Theophrastus (c) Aristotle (d) Linnaeus
20. Sweetest sugar is (a) Fructose (b) Sucrose (c) Glucose (d) Lactose
21. Abiogenesis theory of origin supports
 (a) spontaneous generation (b) origin of life from blue-green algae
 (c) origin of life is due to pre-existing organisms
 (d) organic evolution is due to chemical reactions.
22. Who proposed that the first form of the could have come from pre-existing non-living organic molecules ?
 (a) S.L. Miller (b) Oparin and Haldane
 (c) Charles Darwin (d) Alfred Wallace
- 23 According to one of the most widely accepted theories, earth's atmosphere before origin of life was
 (a) oxidising (b) oxidising along with H₂ (c) reducing with free O₂ in small amount
 (d) reducing with oxygen absent in O₂ form.
24. According to Oparin, which one of the following was not present in the primitive atmosphere of the earth ?
 (a) Methane (b) Oxygen (c) Hydrogen (d) Water vapour
25. The first life originated (a) on land (b) in air (c) in water (d) all of these.



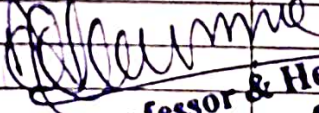
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Anand Niketan College, Anandwan, Warora
Department of Zoology
Slow Learners and Advance Learners List

Sr. No.	Name of the student	Marks Obtained	Remark
1.	Adnan A kha Pathan	38	AL
2.	Nikita Raju Tadas	34	
3.	Sakshi Prakash Majgaoli	32	
4.	Sweta Ishwar Bodbe	12	SL
5.	Tanuja Kawadu Rout	24	
6.	Deepa Narbahadur Thakur	26	
7.	Sakshi Suresh Mohate	34	
8.	Pranali Devanand fulzele	12	SL
9.	Shreya Vilas Talvekar	24	
10.	Tejaswini Gopal Ganfade	26	
11.	Sakshi Wasudeo Raut	22	
12.	Monica Ulhas Lambat	24	
13.	Diksha Harishchandra Ghugul	26	
14.	Nandini Dnyaneshwar Hepat	40	AL
15.	Gauri Madhukar Titare	36	AL
16.	Komal Sanjay Tadas	32	
17.	Adity L. Parchake	36	AL
18.	Kunal Satpute	38	AL
19.	Yuvraj Vitthal Lambat	24	
20.	Alok Abhijit Thamke	38	AL
21.	Tina Bhaurao Kale	34	
22.	Roshan waman Gajbhe	26	
23.	Tejaswini V Lodhi	18	SL
24.	Harshada D Bawane	14	SL
25.	Vijay Suresh Bodhe	42	
26.	Shrushti vijay Jamgade	44	
27.	Sayali Raju Bibte	42	
28.	Sakshi Arun Bodhe	08	SL
29.	Hemanti S. Bhujade	24	
30.	Sneha S. Gawande	18	SL
31.	Harsh S. Karwatkar	08	SL
32.	Samruddhi Sunil Gawande	22	
33.	Nikita dilip dahule	14	SL
34.	Gauri Sumersingh Chandel	18	SL
35.	Dipti R. Wakde	10	SL
36.	Prajakta Kishor Lokhande	18	SL
37.	Pooja Kailas Parkhi	10	SL
38.	Kajal Shankar Rasekar	16	SL
39.	Priyanka Ganpat Wandhare	14	SL
40.	Vaibhav vitthal tajne	30	
41.	Ashwinin raju Gawande	22	
42.	Pratiksha Shrikrushna Dethe	16	SL
43.	Mayur Umakant Pittalwar	24	
44.	Nikita Narayan Mahure	10	SL
45.	Divyani Ravindra Thute	10	SL
46.	Prerana C. Nanadagade	16	SL
47.	Achal Babarao Wankhede	12	SL
48.	Prajwal Ankush Ghotkar	08	SL

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49	Ajit Vitthal Pajdurkar	18	SL
50	Sheetal C. Prasad	10	SL
51	Snehal G. More	14	SL
52	Aditya Ravindra Chaudhari	08	SL
53	Arti Janardhan Shende	20	
54	Pratiksha Santosh Thawari	18	SL
55	Birshti K. Mandal	18	SL
56	Vaishnavi shankar Nibrad	34	
57	Ashwini Pundalik Nannaware	34	
58	Ashwini Dinkar Chaudhari	28	
59	Gayatri Sanjay Burhan	30	
60	Sanika Ashok Umare	30	
61	Shruti Manohar Lonbale	36	AL
62	Sakshi Pramod Nande	32	
63	Ankita Dilip Dable	30	
64	Bhagyashri A. Dhongade	32	
65	Achal Gajanan Kashti	12	SL
66	Prachi Vitthal Ghodmare	36	AL
67	Sonali Ramesh Datarkar	26	
68	Jaya Nagoji Harbade	32	
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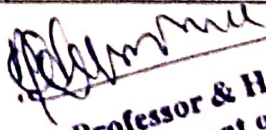
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Slow Learners List

Sr. No.	Name of the student	Marks Obtained	Remark
1	Sweta Ishwar Bodbe	12	SL
2	Pranali Devanand fulzele	12	SL
3	Tejaswini V Lodhi	18	SL
4	Harshada D Bawane	14	SL
5	Sakshi Arun Bodhe	08	SL
6	Sneha S. Gawande	18	SL
7	Harsh S. Karwatkar	08	SL
8	Nikita dilip dahule	14	SL
9	Gauri Sumersingh Chandel	18	SL
10	Dipti R. Wakde	10	SL
11	Prajakta Kishor Lokhande	18	SL
12	Pooja Kailas Parkhi	10	SL
13	Kajal Shankar Rasekar	16	SL
14	Priyanka Ganpat Wandhare	14	SL
15	Pratiksha Shrikrushna Dethe	16	SL
16	Nikita Narayan Mahure	10	SL
17	Divyani Ravindra Thute	10	SL
18	Prerana C. Nanadagade	16	SL
19	Achal Babarao Wankhede	12	SL
20	Prajwal Ankush Ghotkar	08	SL
21	Ajit Vitthal Pajdurkar	18	SL
22	Sheetal C. Prasad	10	SL
23	Snehal G. More	14	SL
24	Aditya Ravindra Chaudhari	08	SL
25	Pratiksha Santosh Thawari	18	SL
26	Birshti K. Mandal	18	SL
27	Achal Gajanan Kashti	12	SL

Advance Learners List

Sr. No.	Name of the student	Marks Obtained	Remark
1	Nandini Dnyaneshwar Hepat	40	AL
2	Gauri Madhukar Titare	36	AL
3	Aditya L. Parchake	36	AL
4	Kunal Satpute	38	AL
5	Alok Abhijit Thamke	38	AL
6	Shruti Manohar Lonbale	36	AL
7	Prachi Vitthal Ghodmare	36	AL


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