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SLOW AND ADVANCED LEARNERS PROGRAMME
(2018-2019)

TEST-I

Subject: BIOTECHNOLOGY	MARKS:10	class: T.Y.B.Sc.

(1) Restriction enzymes are isolated chiefly from.......

(a) Algae   (b) Fungi   (c) Protozoans   (d) Prokaryotes

(2) There are special proteins that help to open up DNA double helix in front of their aplication work . These proteins are........

(a) DNA gyrase   (b) DNA polymerase I   (C) DNA ligase   (d) DNA topoisomerase

(3) Technology which uses living components for the welfare of human being is.....

(a) Biology   (b) Botany   (C) Bioinformatics   (D) Biotechnology

(4) Which process is involved in making bread cheese, beer and wine?

(a) Respiration / hydrolysis   (B) Degradation

(C) Fermentation   (D) Decomposition

(5) EFB stands for........

(a) European Foundation of Biotechnology   (B) European Foundation of Biology

(c) European Foundation of Biotechnology   (d) European Foundation of Biology

(6) The organism whose gene has been artificially altered for desired effect is called as.......

(a) Genetically mutant organism   (b) gene transfer

(c) Genetically modified organism   (d) genetically transferred organism

(7) The sequence of DNA that reads the same backward and forward across the double strands........

(a) Recipient sequence   (B) palindromic sequence

(c) Replicate sequence   (d) origin sequence

(8) How many restriction enzymes are known to be isolated?

(a) More than 800   (b) more than 700   (c) more than 600   (d) more than 900
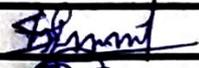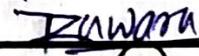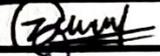
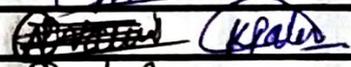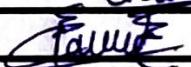**(9)** Which of the following step is necessary part of DNA recombination technology?

(a) Insertion of DNA fragment into vector   (b) Insertion of vector into Bacteria

(c) Multiplication of the clones containing the recombination molecule   (d) All the above

(10) Restriction enzymes belong to which class of enzymes?

(a) Nucleolase   (b) Exo nucleases

(c) Nucleases   (d) Endonucleases

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SLOW AND ADVANCED LEARNERS PROGRAMME
2018-2019
Attendence Test- I
Class- T.Y.B.Sc.(Biotechnology)

SR. NO.	NAME OF STUDENTS	SIGN
1	BHIL SAGAR PANDIT	
2	GIRASE KAJAL UJJAINSING	
3	KHANORE RUCHITA BHAGWAN	
4	GULALE SONALI RAJENDRA	
5	PAWARA RAHUL GUTYA	
6	CHAVAN VAISHALI DILIP	
7	PAWARA KIRAN GULAB	
8	PATEL KAILASHBHAI PANDITBHAI	
9	VALAVI AMARSING DIWALYA	
10	WANI GAURAV ANIL	
11	VASAVE VAMAN PUNAJI	

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SLOW AND ADVANCED LEARNERS PROGRAMME
(2018-2019)

TEST-II

Subject: BIOTECHNOLOGY   MARKS:10   class: T.Y.B.Sc.

(1) A sequence of in a genome at which replication is initiated in ....

(a) Origin of replication   (b) selectable marker

(c) Cloning site   (d) origin of restriction

(2) Genes which helps in the growth of transform ants are .....

(a) Origin of replication   (b) cloning site

(c) Origin of restriction   (d) selectable marker

(3) Ti Plasmid is a cloning vector which works with

(a) All the plants   (b) Dicots only   (c) Monocots only   (d) Thallophytes only

(4) During which of the following techniques host cells are exposed to pulse of high voltage current ?

(a) Electroporation   (b) Particle Bombard ments   (c) Micro injection   (d) lipofection
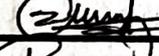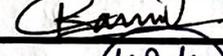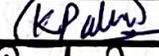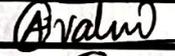
(5) Particle bombardment technique is also known as .....

(a) Lipofection   (b) Electroporation   (c) Biolistic   (d) Micro injection

(6) Which enzyme is used to break the membrane to release plant DNA ?

(a) Lysozyme   (b) Chitinase   (c) Cellulose   (d) All the above

(7) Which enzyme is used to break the membrane to release animal DNA ?

(a) Lysozyme   (b) chitinase   (c) Celluose   (d) All the above

(8) Which is the first step in the process recombinant DNA technology?

(a) Denaturing of DNA   (b) Annealing of DNA

(c) Isolation of Donor DNA   (d) Down streaming

(9) Which primers are used in annealing during amplification of gene ?

(a) Reverse primers   (b) Forward primers

(c) Oligo nucleotide primer   (d) Internal primers

(10) What is temperature required for annealing of DNA molecule ?

(a) 50-650 C   (b) 30-350 C   (c) 40-450 C   (d) 20-250 C

SLOW AND ADVANCED LEARNERS PROGRAMME
2018-2019
Attendence Test- II
Class- T.Y.B.Sc.(Biotechnology)

SR. NO.	NAME OF STUDENTS	SIGN
1	BHIL SAGAR PANDIT	
2	GIRASE KAJAL UJJAINSING	
3	KHANORE RUCHITA BHAGWAN	
4	GULALE SONALI RAJENDRA	
5	PAWARA RAHUL GUTYA	
6	CHAVAN VAISHALI DILIP	
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8	PATEL KAILASHBHAI PANDITBHAI	
9	VALAVI AMARSING DIWALYA	
10	WANI GAURAV ANIL	
11	VASAVE VAMAN PUNAJI	

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SLOW AND ADVANCED LEARNERS PROGRAMME
2018-2019
MARKS LIST

*RESULT ANALYSIS*   Class: T.Y.B.Sc.   (Biotechnology)
Average below 5 = Slow learner   Average above 5 = Advanced learner

SR. NO.	NAME OF STUDENTS	TEST-I	TEST-II	TEST-III	AVERAGE	RESULT
1	BHIL SAGAR PANDIT	4	4	6	4.7	SLOW
2	GIRASE KAJAL UJJAINSING	8	9	9	8.7	ADVANCE
3	KHANORE RUCHITA BHAGWAN	8	9	9	8.7	ADVANCE
4	GULALE SONALI RAJENDRA	7	6	9	7.3	ADVANCE
5	PAWARA RAHUL GUTYA	5	6	9	6.7	ADVANCE
6	CHAVAN VAISHALI DILIP	6	9	6	7.0	ADVANCE
7	PAWARA KIRAN GULAB	6	6	9	7.0	ADVANCE
8	PATEL KAILASHBHAI PANDITBHAI	4	6	4	4.7	SLOW
9	VALAVI AMARSING DIWALYA	4	4	5	4.3	SLOW
10	WANI GAURAV ANIL	9	5	8	7.3	ADVANCE
11	VASAVE VAMAN PUNAJI	9	9	8	8.7	ADVANCE

Column1	Column2
TOTAL TEST	3
ADVANCED LEARNER	8
SLOW LEARNER	3
TOTAL STUDENTS	11

Column1	Column2
TEST-I	10 MARKS
TEST-II	10 MARKS
TEST-III (GROUP DISSCUSION OR ORAL)	10 MARKS

SR.NO.	LIST OF SLOW LEARNER
1	BHIL SAGAR PANDIT
2	PATEL KAILASHBHAI PANDITBHAI
3	VALAVI AMARSING DIWALYA
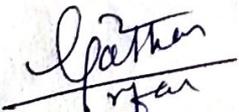
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SLOW AND ADVANCED LEARNERS PROGRAMME
(2018-2019)

Class- T.Y.B.Sc.(Biotechnology)

List of slow learner

SR. NO.	NAME OF STUDENTS
1	BHIL SAGAR PANDIT
2	PATEL KAILASHBHAI PANDITBHAI
3	VALAVI AMARSING DIWALYA

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SLOW AND ADVANCED LEARNERS PROGRAMME
(2018-2019)

TEST- I

Subject: BIOTECHNOLOGY	Marks: 10	class: T.Y.B.Sc.

(1) Retro viruses have genetic material which is

(a) DNA   (b) RNA   (c) both DAN & RNA   (d) proteins

(2) Genetic engineering is possile because

(a) The phenomenon of transduction in bacteria is well understood

(b) We can see DNA by electron microscope

(c) We can cut DNA at specific sites by endonucleases like DNA ase I

(d) Restriction endonuclease purified from bacteria can be used in vitro

(3) Plasmids are the suitable vectors for genetic cloning as.....

(a) They are indispendable   (b) they are self replicating units

(c) They are essential for bacterial reproduction   (d) None of the above

(4) Which of the following is used in genetic engineering?

(a) Restriction endonuclease   (b) Mycobacterium   (c) Entameha   (d) Pepsin

(5) The first hormone artificially produced by culturing bacteria is_____

(a) Insulin   (b) thyroxine   (c) Testosterone   (d) Adrenaline

(6) When the number of genes increases in response to some signal the effect is called.....

(a) Gene dosage   (b) Gene pool   (c) gene amplification   (d) gene freaquency

(7) Which one of the following pairs is correctly matched?

(a) RNA polymerase - RNA primer   (b) Restrication enzymes - Genetic engineering

(c) Centeral dogma - codon   (d) okazaki fragments - splicing

(8) Plasmids are autonomously replicating mini chromosomes found in......

(a) Bachterio phage lambda   (b) Leishmania donovani

(c) Escherichia coli   (d) para moecium caudatum

(9) Improvement of genotype of an organism by addition of some foreign gene is......

(a) Genetic diversity   (b) gene handing   (c) tissue cutlure   (d) genetic engineering

(10) Two bacteria found to be very useful in genetic engineering experiments are......

(a) Nitrosomonas and Klebsiella   (b) Escherichia and Agrobacterium

(c) Nitrobacter and Azotobacter   (d) Rhizobium and Diplococcus

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SLOW AND ADVANCED LEARNERS PROGRAMME
2018-2019

Attendence Slow learner Test-

Class- T.Y.B.Sc.(Biotechnology)

SR. NO.	NAME OF STUDENTS	SIGN
1	BHIL SAGAR PANDIT	
2	PATEL KAILASHBHAI PANDITBHAI	
3	VALAVI AMARSING DIWALYA	

Science Senior College, Shahada. (Nandurbar)
SLOW AND ADVANCED LEARNERS PROGRAMME
2018-2019
MARKS LIST SLOW LEARNER
RESULT ANALYSIS
Class:T.Y.B.Sc.(Biotechnology)

Average below 5= Slow learner   **Average above 5= Advanced learner**

SR. NO.	NAME OF STUDENTS	TEST-I	TEST-II	TEST-III	AVERAGE	RESULT
1	BHIL SAGAR PANDIT	8	6	6	6.7	ADVANCE
2	PATEL KAILASHBHAI PANDITBHAI	7	8	6	7	ADVANCE
3	VALAVI AMARSING DIWALYA	7	8	6	7	ADVANCE

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CLASS: T.Y.BSc (COMP)   **SUB: COMPUTER**   **MARKS-10**

---

1. Translator for low level programming language were termed as

    A) Assembler   **B)** Compiler   **C)** Linker   **D)** Loader

2. Assembler is a machine dependent, because of?

    A)Argument list array(ALA)   B)Macro definition table(MDT)
    C)Pseudo operation table(POT)   D)Mnemonics operation table(MOT)

3. The linker ?

    A)is same as the loader   B)is required to create a load module
    C)is always used before programs are executed   D)None of above

4. A distributed database has which of the following advantages over a centralized database?

    A)Software cost   B)Software complexity
    C)Slow Response   D)Modular growth

5. Which one of the following is not a step of requirement engineering?

    A) elicitation   B) design   C) analysis   D) documentation

6. Which of the following is not a verification activity?

    A) Inspection   B) Testing   C) Walk through   D) technical review

7. The area of computer that is captured by an application is called

    A) Window   B) View port   C) Display   D) None of these

8. Which of the following is not OOPS concept in Java?

    A) Inheritance   B) Encapsulation   C) Polymorphism   D) Compilation

9. Which component is used to compile, debug and execute java program?

    A) JVM   B) JDK   C) JIT   D) JRE

10. What is the return type of Constructors?

    A) int   B) float   C) void   D) none of the these

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SLOW AND ADVANCED LEARNERS PROGRAMME
2018-2019
ATTENDANCE
TEST- I

CLASS- TYBSc (COMP.)

SR. NO.	NAME OF STUDENTS	SIGN
1	MALI DIPAK ISHWAR	
2	WAGH CHETANA DEVIDAS	
3	PATIL PRIYA LAKHICHAND	
4	PATIL DIPALI CHHOTU	
5	PATIL DIPALI RAJU	
6	PATIL MOHINI CHATUR	
7	PATIL DAMINI DILIP	
8	PATIL SEJAL VISHWANATH	
9	PATIL HARSHADA RAVINDRA	
10	CHAUDHARI MAHESHWARI YASHWANT	
11	CHAUDHARI LAXMI MAHENDRABHAI	
12	MOGHE YOGESH MADHUKAR	
13	PATIL NIKITA RAJESH	
14	PATIL VAISHNAVI RAJESH	
15	PATIL LINA SURESH	
16	PATIL PRADIP RAGHUDAS	
17	BHOI PRAMOD RAJARAM	
18	PATIL SAMADHAN MURALIDHAR	
19	CHAUDHARI PRIYA PRAKASH	
20	SHEWALE JITIN JANGA	
21	CHAUDHARI MONA SAHEBRAO	
22	CHAUDHARI ARPIT RAVINDRA	
23	PATIL MONIKA NAGIN	

CLASS: T.Y.BSc (COMP)   SUB: COMPUTER   MARKS-10

1. What is operating system?
   A) collection of programs that manages hardware resources
   B) system service provider to the application programs
   C) link to interface the hardware and application programs
   D) all of the mentioned

2. Which module gives control of the CPU to the process selected by the short-term scheduler?
   A) dispatcher   B) interrupt   C) scheduler   D) none of these

3. The request and release of resources are _____
   A) command line statements B) interrupts   C) system calls   D) special programs

4. Which of the following is not a feature of SQL Server 2008 R2 Enterprise ?
   A) Hot-add CPU   B) Hot-add RAM
   C) Database partitioning   D) In memory database

5. The server on the Internet is also known as a
   A) Hub   B) Host   C) Gateway   D) Repeater

6. The first page that you normally view at a Website is its:
   A) Home page B) Master page   C) First page   D) None of the above

7. The data link layer takes the packets from _____ and encapsulates them into frames for transmission.
   A) network layer   B) physical layer   C) transport layer   D) application layer

8. Because of Pentium's superscalar architecture, the number of instructions that are executed per clock cycle is
   A) 1   B) 2   C) 3   D) 4

9. Which of these functions is called to display the output of an applet?
   A) display()   B) paint()   C) displayApplet()   D) PrintApplet()

10. Which of these packages contains all the classes and methods required for even handling in Java?
   A) java.applet   B) java.awt   C) java.event   D) java.awt.event

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SLOW AND ADVANCED LEARNERS PROGRAMME
2018-2019
ATTENDANCE
TEST- II

CLASS- TYBSc (COMP.)

SR. NO.	NAME OF STUDENTS	SIGN
1	MALI DIPAK ISHWAR	
2	WAGH CHETANA DEVIDAS	
3	PATIL PRIYA LAKHICHAND	
4	PATIL DIPALI CHHOTU	
5	PATIL DIPALI RAJU	
6	PATIL MOHINI CHATUR	
7	PATIL DAMINI DILIP	
8	PATIL SEJAL VISHWANATH	
9	PATIL HARSHADA RAVINDRA	
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13	PATIL NIKITA RAJESH	
14	PATIL VAISHNAVI RAJESH	
15	PATIL LINA SURESH	
16	PATIL PRADIP RAGHUDAS	
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21	CHAUDHARI MONA SAHEBRAO	
22	CHAUDHARI ARPIT RAVINDRA	
23	PATIL MONIKA NAGIN	

SLOW AND ADVANCED LEARNERS PROGRAMME
2018-2019
MARKS LIST
RESULT ANALYSIS

CLASS- TYBSc (COMP.)

Average below 5 = Slow learner   **Average above 5 = Advanced learner**

SR. NO.	NAME OF STUDENTS	TEST-I	TEST-II	TEST-III	AVERAGE	RESULT
1	MALI DIPAK ISHWAR	4	8	4	5.3	ADVANCE
2	WAGH CHETANA DEVIDAS	7	5	6	6.0	ADVANCE
3	PATIL PRIYA LAKHICHAND	7	5	6	6.0	ADVANCE
4	PATIL DIPALI CHHOTU	4	3	3	3.3	SLOW
5	PATIL DIPALI RAJU	7	8	7	7.3	ADVANCE
6	PATIL MOHINI CHATUR	6	8	9	7.7	ADVANCE
7	PATIL DAMINI DILIP	8	9	6	7.7	ADVANCE
8	PATIL SEJAL VISHWANATH	9	5	4	6.0	ADVANCE
9	PATIL HARSHADA RAVINDRA	3	7	3	4.3	SLOW
10	CHAUDHARI MAHESHWARI Y.	8	7	6	7.0	ADVANCE
11	CHAUDHARI LAXMI MAHENDRA	8	6	7	7.0	ADVANCE
12	MOGHE YOGESH MADHUKAR	6	7	6	6.3	ADVANCE
13	PATIL NIKITA RAJESH	6	6	6	6.0	ADVANCE
14	PATIL VAISHNAVI RAJESH	3	6	4	4.3	SLOW
15	PATIL LINA SURESH	7	6	6	6.3	ADVANCE
16	PATIL PRADIP RAGHUDAS	7	8	6	7.0	ADVANCE
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18	PATIL SAMADHAN MURALIDHAR	6	4	4	4.7	SLOW
19	CHAUDHARI PRIYA PRAKASH	6	7	6	6.3	ADVANCE
20	SHEWALE JITIN JANGA	7	6	7	6.7	ADVANCE
21	CHAUDHARI MONA SAHEBRAO	4	5	4	4.3	SLOW
22	CHAUDHARI ARPIT RAVINDRA	7	7	6	6.7	ADVANCE
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SR. NO.	LIST OF SLOW LEARNER
1	PATIL DIPALI CHHOTU
2	PATIL HARSHADA RAVINDRA
3	PATIL VAISHNAVI RAJESH
4	PATIL SAMADHAN MURALIDHAR
5	CHAUDHARI MONA SAHEBRAO

TEST-I	10 MARKS
TEST-II	10 MARKS
TEST-III (GROUP DISCUSSION OR ORAL)	10 MARKS

| TOTAL TEST	3
ADVANCED LEARNER	18
SLOW LEARNER	5
TOTAL STUDENTS	23

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SLOW AND ADVANCED LEARNERS PROGRAMME
(2018-2019)

Class- T.Y.B.Sc.(Computer)

List of slow learner

SR. NO.	NAME OF STUDENTS
1	PATIL DIPALI CHHOTU
2	PATIL HARSHADA RAVINDRA
3	PATIL VAISHNAVI RAJESH
4	PATIL SAMADHAN MURALIDHAR
5	CHAUDHARI MONA SAHEBRAO

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SLOW AND ADVANCED LEARNERS PROGRAMME
2018-2019
ATTENDANCE
TEST-

CLASS- TYBSc (COMP.)

SR. NO.	NAME OF STUDENTS	SIGN
1	PATIL DIPALI CHHOTU	
2	PATIL HARSHADA RAVINDRA	
3	PATIL VAISHNAVI RAJESH	
4	PATIL SAMADHAN MURALIDHAR	
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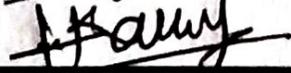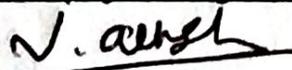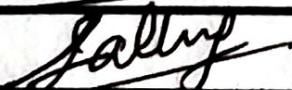
CLASS: T.Y.BSc (COMP)   **SUB: COMPUTER**   **MARKS-10**

1. Which component is used to compile, debug and execute java program?

    A) JVM   B) JDK   C) JIT   D) JRE

2. What is the return type of Constructors?

    A) int   B) float   C) void   D) none of the these

3. What is operating system?

    A) collection of programs that manages hardware resources
    B) system service provider to the application programs
    C) link to interface the hardware and application programs
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4. Which module gives control of the CPU to the process selected by the short-term scheduler?

    A) dispatcher   B) interrupt   C) scheduler   D) none of these

5. The linker ?

    A)is same as the loader   B)is required to create a load module
    C)is always used before programs are executed   D)None of above

6. A distributed database has which of the following advantages over a centralized database?

    A)Software cost   B)Software complexity
    C)Slow Response   D)Modular growth

7. The server on the Internet is also known as a

    A) Hub   B) Host   C) Gateway   D) Repeater

8. The first page that you normally view at a Website is its:

    A) Home page B) Master page   C) First page   D) None of the above

9. The data link layer takes the packets from _____ and encapsulates them into frames for transmission.

    A) network layer   B) physical layer   C) transport layer   D) application layer

10. Which of the following is not OOPS concept in Java?

    A) Inheritance   B) Encapsulation   C) Polymorphism   D) Compilation

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SLOW AND ADVANCED LEARNERS PROGRAMME
2018-2019
MARKS LIST
RESULT ANALYSIS

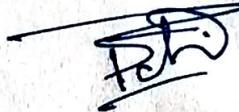CLASS- TYBSc (COMP.)

Average below 5 = Slow learner   Average above 5 = Advanced learner

SR. NO.	NAME OF STUDENTS	TEST-I	TEST-II	TEST-III	AVERAGE	RESULT
1	PATIL DIPALI CHHOTU	6	8	6	6.7	ADVANCE
2	PATIL HARSHADA RAVINDRA	7	7	5	6.3	ADVANCE
3	PATIL VAISHNAVI RAJESH	8	6	6	6.7	ADVANCE
4	PATIL SAMADHAN MURALIDHAR	8	6	6	6.7	ADVANCE
5	CHAUDHARI MONA SAHEBRAO	7	8	8	7.7	ADVANCE

TEST-I	10 MARKS
TEST-II(GROUP DISCUSSION)	10 MARKS
TEST-III (ORAL)	10 MARKS
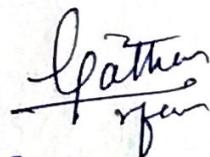
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TEST-I

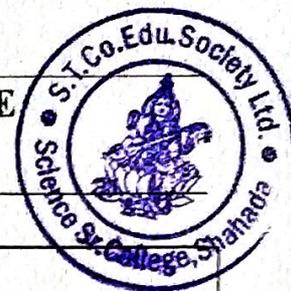| Subject: CHEMISTRY	MARKS:10	class: T.Y.B.Sc.

1. The activation energy of a reaction at a given temperature is found to be 2.303 RT J mol–1. The ratio of rate constant to the Arrhenius factor is

A. 0.1   B. 0.01   C. 0.001   D. 0.02

2. The rate of a chemical reaction doubles for every 10°C rise of temperature. If the temperature is raised by 50°C, the rate of the reaction increases by about

A-64 times   B-10 times   C-24 times   D-32 times

3. Radioactivity of a sample (z = 22) decreases 90% after 10 years. What will be the half-life of the sample?

A-5 years   B-2 years   C-3 years   D-10 years

4. In a face-centered cubic lattice, a unit cell is shared equally by how many unit cells?

A-2   B-4   C-6   D-8

5. In a compound, atoms of element Y form ccp lattice and those of element X occupy 2/3 rd of tetrahedral voids. The formula of the compound will be

A-X3Y4   B.X4Y3   C.X2Y3   D.X2Y

6. Number of protons in an atom determine

A. chemical properties   B.physical properties

C.magnetic properties   D.electrical properties

7.β- radiations are simply

A.protons   B.neutrons   C.electrons   D.muons

8. In a nuclear process, quantity conserved is

A.mass-energy   B.momentum   C.mass only   D.energy only

9. A specific combination of protons and neutrons in a nucleus is called

A.nucleons   B.nuclide   C.neutrino   D.nucleolus

10. Time required for 100 percent completion of a zero order reaction is

A.2k/a   B.a/2k   C.a/k   D.ak

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SLOW AND ADVANCED LEARNERS PROGRAMME
2018-2019
Attendence Test- I
Class- T.Y.B.Sc.(CHEMISTRY)

SR. NO.	NAME OF STUDENTS	SIGN
1	PATEL SHITAL DINESH	
2	KADAM RUTIKA RAJENDRA	
3	PATIL RUPALI VIJAY	
4	KADAM DIPMALA JAGDISH	
5	PATIL PANKAJ NARAYAN	
6	PATIL MINAL SHASHIKANT	
7	PATEL KRUTIKABEN SHARAD	
8	PATIL SUDARSHANA SHANTILAL	
9	PATIL NIKITA RAVIKANT	
10	THAKARE CHANDRASING DEVAJI	
11	RAJPUT VAISHALI KOMALSING	
12	PATIL VISHAKHA SANJAY	
13	PATIL YOGESHWAR SURESH	
14	SANER ASHWINI VILAS	
15	BAWA NAYANA KIRANGIR	
16	NIKAM SWATI PRAKASH	AB
17	MAHAJAN VISHAL SADASHIV	
18	PATIL VINOD UTTAM	
19	MALI KAVITA AMBALAL	
20	MALI BHARAT SHIVAJI	
21	PAWAR RANI NANDALAL	
22	KHAIRNAR VISHWADIP AHSOK	
23	PAWARA PRAMOD MOHAN	
24	PATIL BHAVESH RAVINDRA	AB
25	PATIL SHUBHAM KISHOR	
26	PATIL DIVYA JAGDISH	

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SLOW AND ADVANCED LEARNERS PROGRAMME
(2018-2019)

TEST-II

Subject : CHEMISTRY   MARKS:10   class: T.Y.B.Sc.

1. Identify the one which does not come under the organic addition reaction

a) Hydration   b) Dehydration   c) Halogenation   d) Hydrohalogenation

2. Choose the correct one which will react faster in the SN2 nucleophilic substitution reaction

a) CH2-CH=CH2=Br

b) CH2 = CH- CH2 – Br

c) CH2 = CH- CH2 = B

d) CH= CH2 – CH2 – Br

3. What will be the reactivity of chlorobenzene in an electrophilic substitution reaction with benzene?

a) Reacts very slowly than benzene

b) Reacts in the same way as benzene

c) Reacts faster than benzene

d) does not react with benzene

4. Alcohol on refluxing with Cr2O7 gives:

a) Ester   b) Aldehyde   c) Sugar   d) Carboxylic acid

5. Alkene under high temperature and high-pressure forms

a) Alcohol   b) Polyalkyne   c) Polyalkane   d) Polyalkene

6. Identify the one which on reaction with carboxylic acid at high temperature gives Ester

a) Ketone   b) Alcohol   c) Aldehyde   d) Sugars

7. Select the correct statement regarding carboxylic acids

a) They form acyl chlorides on reaction with PCl5

b) Aldehydes in the presence of H+/ Cr2O7 forms carboxylic acids

c) They combine with alcohols to form esters

d) Upon polymerization, they form polymers

8. Primary alcohols undergo what reaction to form alkenes?

a) Elimination   b) Oxidation   c) Reduction   d) Hydrolysis

9. Carbonyl compounds especially ketones undergo reduction to form

a) Primary alcohols   b) Secondary alcohols   c) Alkanes   d) Alkenes

10. Primary amides get converted into primary amines by:

a) Addition   b) Oxidation   c) Reduction   d) Acylation

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SLOW AND ADVANCED LEARNERS PROGRAMME
2018-2019
Attendence Test-II
Class- T.Y.B.Sc.(CHEMISTRY)

SR. NO.	NAME OF STUDENTS	SIGN
1	PATEL SHITAL DINESH	
2	KADAM RUTIKA RAJENDRA	
3	PATIL RUPALI VIJAY	
4	KADAM DIPMALA JAGDISH	
5	PATIL PANKAJ NARAYAN	
6	PATIL MINAL SHASHIKANT	
7	PATEL KRUTIKABEN SHARAD	
8	PATIL SUDARSHANA SHANTILAL	
9	PATIL NIKITA RAVIKANT	
10	THAKARE CHANDRASING DEVAJI	
11	RAJPUT VAISHALI KOMALSING	
12	PATIL VISHAKHA SANJAY	
13	PATIL YOGESHWAR SURESH	
14	SANER ASHWINI VILAS	
15	BAWA NAYANA KIRANGIR	
16	NIKAM SWATI PRAKASH	
17	MAHAJAN VISHAL SADASHIV	
18	PATIL VINOD UTTAM	
19	MALI KAVITA AMBALAL	AB
20	MALI BHARAT SHIVAJI	
21	PAWAR RANI NANDALAL	
22	KHAIRNAR VISHWADIP AHSOK	
23	PAWARA PRAMOD MOHAN	
24	PATIL BHAVESH RAVINDRA	
25	PATIL SHUBHAM KISHOR	
26	PATIL DIVYA JAGDISH	

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SLOW AND ADVANCED LEARNERS PROGRAMME
2018-2019
MARKS LIST

RESULT ANALYSIS   Class: T.Y.B.Sc.(chem.)

Average below 5 = Slow learner   **Average above 5 = Advanced learner**

SR. NO.	NAME OF STUDENTS	TEST-I	TEST-II	TEST-III	AVERAGE	RESULT
1	PATEL SHITAL DINESH	8	7	9	8	ADVANCE
2	KADAM RUTIKA RAJENDRA	5	8	8	7	ADVANCE
3	PATIL RUPALI VIJAY	8	7	7	7.33333	ADVANCE
4	KADAM DIPMALA JAGDISH	5	4	4	4.33333	SLOW
5	PATIL PANKAJ NARAYAN	7	7	8	7.33333	ADVANCE
6	PATIL MINAL SHASHIKANT	8	8	5	7	ADVANCE
7	PATEL KRUTIKABEN SHARAD	5	9	4	6	ADVANCE
8	PATIL SUDARSHANA SHANTILAL	4	3	5	4	SLOW
9	PATIL NIKITA RAVIKANT	5	8	4	5.66667	ADVANCE
10	THAKARE CHANDRASING DEVAJI	7	5	6	6	ADVANCE
11	RAJPUT VAISHALI KOMALSING	6	4	7	5.66667	ADVANCE
12	PATIL VISHAKHA SANJAY	5	7	7	6.33333	ADVANCE
13	PATIL YOGESHWAR SURESH	4	4	5	4.33333	SLOW
14	SANER ASHWINI VILAS	5	4	7	5.33333	ADVANCE
15	BAWA NAYANA KIRANGIR	7	5	8	6.66667	ADVANCE
16	NIKAM SWATI PRAKASH	AB	6	9	7.5	ADVANCE
17	MAHAJAN VISHAL SADASHIV	7	9	6	7.33333	ADVANCE
18	PATIL VINOD UTTAM	6	9	4	6.33333	ADVANCE
19	MALI KAVITA AMBALAL	4	AB	3	3.5	SLOW
20	MALI BHARAT SHIVAJI	7	8	8	7.66667	ADVANCE
21	PAWAR RANI NANDALAL	8	7	9	8	ADVANCE
22	KHAIRNAR VISHWADIP AHSOK	5	8	9	7.33333	ADVANCE
23	PAWARA PRAMOD MOHAN	6	5	9	6.66667	ADVANCE
24	PATIL BHAVESH RAVINDRA	AB	7	9	8	ADVANCE
25	PATIL SHUBHAM KISHOR	4	3	3	3.33333	SLOW
26	PATIL DIVYA JAGDISH	5	9	7	7	ADVANCE

Column1	Column2
TOTAL TEST	3
ADVANCED LEARNER	21
SLOW LEARNER	5
TOTAL STUDENTS	26

Column1	Column2
TEST-I	10 MARKS
TEST-II	10 MARKS
TEST-III (GROUP DISSCUSION OR ORAL)	10 MARKS

SR.NO.	LIST OF SLOW LEARNER
1	KADAM DIPMALA JAGDISH
2	PATIL SUDARSHANA SHANTILAL
3	PATIL YOGESHWAR SURESH
4	MALI KAVITA AMBALAL
5	PATIL SHUBHAM KISHOR

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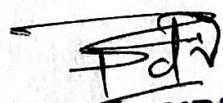Shahada, Dist.Nandurbar

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SLOW AND ADVANCED LEARNERS PROGRAMME
(2018-2019)

Class- T.Y.B.Sc.(CHEMISTRY)

List of slow learner

SR. NO.	NAME OF STUDENTS
1	KADAM DIPMALA JAGDISH
2	PATIL SUDARSHANA SHANTILAL
3	PATIL YOGESHWAR SURESH
4	MALI KAVITA AMBALAL
5	PATIL SHUBHAM KISHOR

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TEST- I

Subject: CHEMISTRY	Marks: 10	class: T.Y.B.Sc.

1. The oxidation state of iron in $K_4[Fe(CN)_6]$ is

A.1   B.2   C.3   D.4

2. The value of the 'spin only' magnetic moment for one of the following configurations is 2.84 BM. The correct one is

A. d4 (in strong ligand filed)   B. d4 (in weak ligand field)

C. d3 (in weak as well as in strong fields)   D. d5 (in strong ligand field)

3. Which complex cannot ionize in solution?

A.$[Pt(NH_3)_6]Cl_4$ B.$K_2[pt(F_6)]$ C.$K_4[Fe(CN)_6]$ D.$[CoCl_3(NH_3)_3]$

4. Which compound is zero valent metal complex?

A. $[Cu(NH_3)_4]SO_4$ B. $[Pt(NH_3)_2Cl_2]$ C. $[Ni(CO)_4]$ D. $K_3[Fe(CN)_6]$

5. Which has maximum paramagnetic character?

A. $[Fe(CN)_6]^{4-}$ B. $[Cu(H_2O)_4]^{2+}$ C. $[Cu(NH_3)_4]^{2+}$ D. $[Mn(H_2O)_6]^{2+}$

6. The IUPAC name for the complex $[Co(NO_2)(NH_3)_5]Cl_2$ is

A. nitrito-N-pentaamminecobalt (III) chloride   B. nitrito-N-pentaamminecobalt (II) chloride

C. pentaammine nitrito-N-cobalt (II) chloride   D. pentaammine nitrito-N-cobalt (III) chloride

7. The IUPAC name of $K_2[Ni(CN)_4]$ is _____.

A. Potassium tetracyanatonickelate (II)   B. Potassium tetracyanonickelate (II)

C. Potassium tetracyanonickel (III)   D. Potassium tetracyanatonickel (II)

8. The magnetic moment (spin only) of $[NiCl_4]^{2-}$ is

A. 1.41 BM   B. 1.82 BM   C. 5.46 BM   D. 2.82 BM

9. The oxidation state of Cr in $[Cr(NH_3)_4Cl_2]^+$ is

A. +3   B. +2   C. +1   D. 0

10. The number of unidentate ligands in the complex ion is called

A. EAN   B. Coordination number

C. primary valency   D. oxidation number

SLOW AND ADVANCED LEARNERS PROGRAMME

2018-2019

Attendence Slow learner Test-

Class- T.Y.B.Sc.(CHEMISTRY)

SR. NO.	NAME OF STUDENTS	SIGN
1	KADAM DIPMALA JAGDISH	*Kadam*
2	PATIL SUDARSHANA SHANTILAL	*Patil.*
3	PATIL YOGESHWAR SURESH	*Patil.*
4	MALI KAVITA AMBALAL	*Mali*
5	PATIL SHUBHAM KISHOR	*Patil*

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SLOW AND ADVANCED LEARNERS PROGRAMME
2018-2019
MARKS LIST SLOW LEARNER

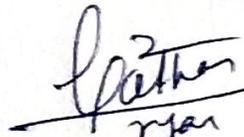*RESULT ANALYSIS*   Class:

T.Y.B.Sc.(CHEMISTRY)

Average below 5= Slow learner   **Average above 5= Advanced learner**

SR. NO.	NAME OF STUDENTS	TEST-I	TEST-II	TEST-III	AVERAGE	RESULT
1	KADAM DIPMALA JAGDISH	6	8	6	6.7	ADVANCE
2	PATIL SUDARSHANA S.	8	6	5	6.3	ADVANCE
3	PATIL YOGESHWAR SURESH	6	8	8	7.3	ADVANCE
4	MALI KAVITA AMBALAL	8	7	6	7.0	ADVANCE
5	PATIL SHUBHAM KISHOR	7	8	6	7.0	ADVANCE

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