

Prospectus and Application Form

All – India Common Entrance Test 2009

For selection of candidates for admission to
M.B.B.S. and B.D.S. courses
for the Academic year 2009-10



Pravara Institute of Medical Sciences

(Deemed University)

(Established under section 3 of UGC Act 1956

vide Notification No F.9-11/2000-U.3 of the Govt. of India)

Loni - 413736, Near Shirdi, Tal. Rahata, Dist. Ahmednagar, (M.S.), India

Important Information at a glance

Entrance Test Fee

Rs. 1,000/- payable by demand draft drawn in favour of Pravara Institute of Medical Sciences, Loni - 413 736.

In case a downloaded form is used by the student, he/she should enclose D.D. for Rs. 1,500/- as Entrance Test Fee. (Please refer para 10 on Page No 5)

Last Date for receipt of Application Form

Upto 5 PM on 13.04.2009 at the address of the Controller of Examinations , PIMS, Loni - 413 736

Distribution of Hall Tickets

Between 09.03.2009 to 18.04.2009

In case a candidate does not receive Hall Ticket by 25.04.2009, he/she should immediately contact the Controller of Examinations PIMS - AICET – 2009 by E-Mail (dy.registrar@pmpims.org).

Date & Time of Entrance Test

Saturday, 2nd May, 2009 from 3.00 PM to 6.00 PM

Announcement of Results

5th June, 2009

Dates of Counselling

22nd June, 2009 to 25th June, 2009

Commencement of Classes

1st August, 2009

Documents to be brought at the time of counselling

(Original and TWO sets of photocopies duly ATTESTED)

1. S.S.C. / Equivalent Examination marks statement & certificate
2. H.S.C. / Equivalent Examination marks statement & certificate
3. PIMS-AICET – 2009 Marks Statement
4. PIMS-AICET-2009 Hall Ticket
5. Bonafide and character certificate from the Head of Institution last attended
6. Leaving / transfer certificate from the Institution last attended
7. Age and Nationality certificate
8. Migration Certificate
9. Gap Certificate (if passed 10+2 in or before 2008)
10. Passport (In case of Foreign National/Wards of Persons of Indian Origin/ Wards of NRI)
11. Medical fitness certificate from a Registered Medical Practitioner.
12. Six Passport size recent colour photographs (Not more than 3 months old)
13. Backward Class, Caste & Caste Verification certificates (By Candidates belonging to all categories of backward classes)
14. It will be the responsibility of the candidate to establish his/her identity at the time of counselling. Identification documents : School identity card, Driving licence etc.

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ADMISSION PROCESS

1. Introduction

Pravara Institute of Medical Sciences was given a status of University from 29th September, 2003 vide MHRD Notification No. F.9-11/2000-U.3 on the advise of the UGC under Section (3) of UGC Act 1956. Since academic year 2004-05, this University conducts All India Common Entrance Test (AICET) to admit students for various courses offered by the University. For the academic year 2009-10, we will conduct AICET for admission to M.B.B.S. and B.D.S. courses in the month of May 2009. This test is referred to as PIMS – AICET - 2009.

The AICET - 2009 will be conducted at various places in India for selection of candidates for admission to courses mentioned above and offered by the constituent colleges of Pravara Institute of Medical Sciences viz Rural Medical College and Rural Dental College.

The courses offered by PIMS are recognised and approved by respective councils such as MCI, DCI and UGC. The intake capacity for various courses as approved by the respective councils is given in the Table (1).

Name of the College	Course	Intake capacity
1. Rural Medical College	M.B.B.S	125
2. Rural Dental College	B.D.S.	100

Duration of Course:

- **MBBS** - 4 & 1/2 Years plus one year Internship
- **BDS** - 5 Years

The medium of instruction for all courses is English. The duration of the course is as specified by the respective councils and UGC.

An Admission Committee consisting of experienced persons will steer the management of the admission process.

The Admission Committee will be responsible for conduct of the entrance test, declaration of results and merit list, counselling and final admission to the courses. The Controller of Examinations , P.I.M.S. Loni will be the Coordinator for AICET - 2009.

2. Mode of Entrance Test

The AICET - 2009 will be of three hours duration. There will be one question paper for the CET consisting 200 multiple-choice questions (MCQ), 50 each in Physics, Chemistry, Botany and Zoology. Each correct answer carries one mark.

There is no negative marking.

Other details regarding syllabus, model question paper, specimen answer sheet, method of marking answers etc. are given separately in this Prospectus.

3. Date and Time of PIMS - AICET - 2009

The AICET - 2009 will be conducted on **Saturday, 2nd May, 2009 from 3.00 PM to 6.00 PM.** at the designated centers.

4. Distribution of Seats

The distribution of seats will be as follows :

- General Category** : 85 % seats of each course are in this category. The admission to this category will be made on the basis of inter-merit of the candidates at AICET – 2009 .
- FN (Foreign Nationals) / PIO(Persons of Indian Origin) / NRI(Non-Resident Indians) Category** : 15 % seats of each course are allocated in this category.

The Foreign National (FN), wards of Persons of Indian Origin (PIO) settled abroad and wards of Non Resident Indians (NRI) shall be considered for admissions in this category. Preference will be given to the foreign nationals and wards of PIO.

The merit of candidates seeking admission in FN /PIO/NRI category shall be decided by the University taking into consideration equivalence and recognition of the examination passed by the candidate and his academic performance i.e. marks/ grade obtained by him in Physics, Chemistry and Biology(Botany and Zoology)subjects.

The candidates in FN / PIO/ NRI category will be required to submit a separate application form which can be obtained from the Registrar, Pravara Institute of Medical Sciences.

If the Seats in FN/PIO/NRI Category remain vacant, these will be filled from the Indian Nationals on the basis of their merit. They will however have to pay the fee as per norms for FN/PIO/NRI, as given in para 13 (a) (Fee structure).

5. Eligibility Criteria

Candidate fulfilling the following criteria shall be eligible to appear for AICET- 2009.

- a. A candidate must be Indian National ,
The Nationality Certificate issued by the District Magistrate / Additional District Magistrate / Chief Metropolitan Magistrate or a valid Passport shall be considered as the proof of Nationality.
- b. The candidates must be either of 17 years of age or attain this age as on 31.12.2009 (i.e. the candidate should not have been born after 31.12.1992).
- c. Candidate should have passed H S C (10+2) or equivalent examination from a recognized Board with English, securing minimum 50 % marks (40 % for candidates belonging to Backward classes) in aggregate

of the subjects namely Physics, Chemistry and Biology (or Botany & Zoology). The Backward class candidates must attach a copy of the Caste and Caste Validity Certificate along with the application form. It should however be noted that there is **no reservation for Backward Class students**. This certificate is required in support of relaxation of eligibility criteria if the candidate from Backward class gets an admission on the basis of AICET–2009 merit list but has scored less than 50 % marks at H.S.C. level.

- d. Candidates who have appeared for H.S.C. or equivalent examination and whose results will be declared before the dates of Counselling will also be eligible to appear for AICET- 2009.

6. Centers for Entrance Test

The AICET- 2009 shall be conducted at the following cities

Table 2 : Centers for the Entrance Test	
City	Code No.
1. Ahmedabad	021
2. Chandigarh	022
3. Hyderabad	023
4. Indore	024
5. Mumbai	025
6. New Delhi	026
7. Navi Mumbai	027
8. Pune	028
9. Vadodara	029

University reserves the right to change or cancel any Test Center. In such a case concerned candidates will be informed accordingly.

The address of the Examination Center assigned to a candidate will be given in the Hall Ticket. No request for change of Center mentioned in the application form shall be entertained.

7.1. Instructions for filling the Application Form

The form can also be downloaded from the Institute's website – <http://www.pravara.com> and sent along with DD for Rs. 1500/- as ENTRANCE TEST Fee.

In case of down loaded Application form, Application Form Number will be allotted by this office and will be intimated to the candidate on receipt of his/her Application form. While filling the application form, please

- Write in capital letters only and darken the appropriate circles with BLACK Ball Point pen only.
- Select the option for the Test Centre carefully. The option once exercised cannot be changed later.
- Ensure that the candidate's name and date of birth are the same as those mentioned in their High School or Board certificate.
- Fill the application form completely. Incomplete application forms will be rejected.

7.2. Name of the candidate

- Write your name in capital letters (clause 7.1 above) as given in your original certificate of the High School or the Board Examination. Write only one letter in each box leaving one box blank between any two parts of the name.

b) Date of Birth

Enter the date, month and year of your birth as per English calendar and as recorded in your High School or Board Examination certificate. Use numeral 01 to 31 for date, 01 to 12 for month and the year as per the following example

Date	Month	Year
0 1	0 2	1 9 9 2

c) Sex

Darken the appropriate circle

- Male Female

d) Category

Darken the appropriate circle

- General
 F. N.
 P.I.O.
 N.R.I.
 Backward Class

e) Address for Communication

Write your complete postal address to which communication is to be sent. Also mention Tahsil/Taluka and District in which the place is situated. State and PIN code should also be mentioned.

f) E-mail ID

Write your accessed E-mail ID. This will help the Admission Committee to expedite the process of intimating you about the admission process if required and found essential by the Admission Committee. However please note that this does not bind the Admission Committee to inform the candidate by E-mail. Generally communication from the Admission Committee is sent by post.

g) Tel No. (With STD Code)

Write your contact telephone number with STD code prefixed to it.

h) Choice of Centre (City)

Select a convenient city as your centre for the Entrance Test out of the list of the centers given in the prospectus and enter it accordingly. Please note that centre once allotted, shall not be changed.

i) Centre Code

Fill in the appropriate code of the city selected by you as given in Table (2).

j) Qualifying Examination

Write the name of the Board from which qualifying examination is passed /appeared.

k) Whether passed or appeared for the qualifying examination

Darken the appropriate circle

l) Signature of the Candidate

Candidate must sign with a ball point pen within the box provided. The signature should not go beyond or touch the border of the box.

m) Year of Passing

If you have already passed the qualifying examination, enter the month and year of passing the qualifying examination, otherwise keep the square blank.

n) Declaration

Candidate as well as parent / guardian must sign the declaration. The date must also be mentioned. The application which is not signed by both i.e. the candidate and his parent / guardian, shall be treated as incomplete and therefore will be rejected.

o) Photograph

Paste a recent (not more than 3 months old) colour photograph of size 3.5 cm x 4.5 cm in the box provided in the application form. It is expected that the candidate will have same appearance at the time of examination as in the photograph.

Also paste one photograph on each copy of the Hall Ticket. Follow the instructions given under para (8). The photograph must be signed and attested by gazetted officer or principal of the institution attended last. Photographs pasted on Application form and on Hall Ticket should be same. A hazy photograph or any other discrepancy may lead to rejection of application without any notice at any stage of admission process.

8) Hall Ticket

The Hall Ticket is very important document. This will be issued based upon the candidate's Application form completed in all respects and submitted before the last date for submission of Application Forms. Candidate is required to fill in both the original and duplicate copies of the Hall Tickets separately provided in the Prospectus and send both the copies along with the application form. Any mistake in the address may lead to misplacement in the transit or delay in delivery of Hall Ticket by post. Please do not send your application form through courier agency. The Hall Ticket Number and address of the Entrance Test Centre allotted to the candidate will be filled in by the Admission Committee.

A recent colour photograph of the candidate (not more than three months old) should be pasted in the box provided in both copies of the Hall Tickets. The photograph on Hall Ticket should be attested by a gazetted officer or principal of the institution studied last. It should be the same photograph as the one pasted on the Application Form.

Candidate should sign within the box provided for Candidate's Signature on both the Hall Tickets.

The Hall Tickets will be dispatched to the candidates by post. University will not be responsible for non –receipt of Hall Ticket in time due to postal delay. **In case a candidate does not get the Hall Ticket, he / she should immediately contact Controller of Examinations , AICET-2009, Pravara Institute of Medical Sciences , Loni by E-mail. Such Candidates will be issued duplicate Hall Ticket two hours before examination on the date of examination at the examination centre after verification of receipt / Identity card.**

Since Hall Ticket is an important document, candidates must not tamper with the same or make any changes in the entries made by the Admission Committee. The Hall Ticket must be produced at the time of entering the Examination Hall at the centre or whenever necessary and also at the time of counselling. The Hall Ticket is not transferable.

9) Attendance Sheet

An attendance of the candidate, appeared for PIMS-AICET-2009 will be recorded by the Invigilator in the Examination Hall and will be reported to the University.

10) Submission of the Application Form and Entrance Test Fee

The fee for the Entrance Test is Rs. 1,000/- The fee is payable by Demand Draft drawn in favour of PRAVARA INSTITUTE OF MEDICAL SCIENCES, drawn on State Bank of India, Loni Branch, (Code 6322) OR Central Bank of India, Loni Branch, (Code-PRAVARA MEDICAL TRUST PUN) payable at Loni – 413 736, Tal. Rahata, Dist. Ahmednagar. The particulars of the draft must be filled in the form as well as in both parts of the receipt attached with the Hall Ticket. The candidate should write his/her full name, address and application form number on the back of the demand draft. The application form can be downloaded from our website <http://www.pravara.com>. If a candidate uses downloaded application form, he/she will have to enclose Demand Draft for Rs. 1500/- as Entrance Test Fee. **The last date for receipt of completed application forms at the following address is 13th April, 2009 upto 5.00 PM :**

The Controller of Examinations
PIMS - AICET - 2009,
 Pravara Institute of Medical Sciences
 P.O. - Loni (BK) - 413736,

Tal. Rahata, Dist. Ahmednagar, (Maharashtra)

It will be the responsibility of the candidate to ensure that his application form along with demand draft and both the Hall Tickets reaches the office of the Controller of Examinations before the specified time and date. The applications received after the due date or not accompanied by the demand draft covering entrance fee or incomplete information shall be rejected and such candidates shall not be allowed to appear for the Entrance Test. The Admission Committee will not be responsible for non-receipt of the application form within the specified time and date, due to postal delays. Forms should be sent only by registered Post or handed over to PIMS personally.

11) Merit List - Declaration of Result

The result of the Entrance Test in the form of combined merit list for MBBS and BDS, arranged according to the marks obtained will be declared by the Admission Committee on 5th June, 2009. The list will carry names of those candidates who have secured 50% and more marks (i.e. 100 marks and above out of 200 at the PIMS - AICET- 2009).

The results will also be displayed on the following website of University :

<http://www.pravara.com>

12) Recounting and Revaluation

There is no provision for recounting and revaluation of the Answer Sheet.

13) Fee structure

a. The annual fee payable by the candidates admitted to the constituent Colleges of Pravara Institute of Medical Sciences, for the academic year 2009-10 is given in Table (3)

Sr.No.	Course	General Category Candidates	FN/PIO/NRI Candidates	Deposit
1.	M.B.B.S.	Rs. 3,45,000/-	US \$ 30,000/-	Rs. 5,000/-
2.	B.D.S.	Rs. 1,80,000/-	US \$ 20,000/-	Rs. 5,000/-

These fees will be applicable for calendar year 2009 -10 and may be reviewed after every year. The revised fee will be applicable to all the students

b. Mode of Payment :

The candidate will have to bring a demand draft of the entire fees mentioned in clause (a) above drawn in favour of "Pravara Institute of Medical Sciences", payable at Loni 413736 while reporting for counselling. They will have to pay the amount of the fees for the course to which they are offered admission, failing which the admission offered to them will be treated as cancelled and no claim of admission will be entertained and the same seat will be offered to the candidate next in the merit list. For convenience, the candidate is advised to bring two D.D.s for Rs. 1,85,000/- and Rs. 1,65,000/- payable at Loni - 413 736.

Any request for extension of time limit for payments or partial payment will not be entertained.

The candidates admitted to the colleges may be required to furnish bank guarantee / or sign an affidavit in proforma given in the Annexure II to be given to them at the time of counselling, to cover the tuition fees for the remaining years of the duration of the course to which they are admitted. The tuition fees are subject to revise as per regulations framed by the University Grants Commission, New Delhi.

14) Selection Process

Candidates who secure minimum 50% marks at PIMS - AICET- 2009 and satisfy the eligibility norms laid down by respective councils and UGC shall be eligible for

admission to both the courses offered by PIMS and would be offered admission to these courses on the basis of their inter-se-merit at the time of counselling. For details refer to paragraph (16).

15) Tie-breaker Rules

In case two or more candidates obtaining equal marks in PIMS - AICET-2009, the inter-se-merit of such candidates will be decided in order of preference as under :

First level : Candidates obtaining higher marks in Biology or Zoology & Botany taken together at PIMS – AICET - 2009.

Second level : Candidates obtaining higher marks in Chemistry at PIMS – AICET - 2009.

Third level : Candidates obtaining higher marks in Physics at PIMS - AICET-2009.

Fourth level : A candidate with earlier date of birth shall be preferred.

16) Counselling

The AICET - 2009 merit list shall be a list of the candidates who have secured a minimum of 50% marks in the entrance test. Mere inclusion of a candidate in the same would not entitle him / her for counselling.

Candidates short-listed for counselling will be informed about the time, date and venue of the counselling by letter sent under Certificate of Posting. The counselling schedule will also be displayed on website

<http://www.pravara.com>

Candidates will be called for counselling according to published merit list. At the time of counselling, the eligibility of the candidate for admission shall be verified from the original documents and only those found eligible will be offered admission.

In the process of selection, the candidates will have to exercise the first option for the

courses. The admission to both the courses will be offered in the following order.

1. M.B.B.S.
2. B.D.S.

Candidates selected for admission will have to make full payment of the fees as mentioned in Table (3) and para (13)

The physical presence of the candidate at the counselling is essential. If a candidate is unable to attend in person due to unavoidable circumstances, he/she may authorize another individual to represent him / her with the authorization letter in the format given in the prospectus (Annex I). The candidate must produce all the original documents for verification and pay the fees immediately if found eligible and offered admission.

Absence of the candidate/representative at the time and date given to him/her will result in instantaneous cancellation of his/her claim for admission and University will not be responsible for this.

Only the candidate and the authorized representative will be allowed in the Counselling Hall. It will be responsibility of a person appearing for counselling to prove his/her identity.

Asking a candidate to report for counselling does not mean that he/she will be admitted to the course. The actual admission will depend upon the number of seats available when his/her turn comes in order of his/her inter-se-merit.

Candidates will have to report for counselling at their own cost.

The counselling will be conducted according to the schedule given below.

Table (4) : Counselling Schedule			
Day	Date	9 AM to 1 PM	2 PM to 6 PM
Monday	22.06.09	01 to 100	101 to 200
Tuesday	23.06.09	201 to 300	301 to 400
Wednesday	24.06.09	401 to 525	526 to 650
Thursday	25.06.09	651 to 775	776 to 900

17. Deposit / Return of Original Documents

- i. In case a candidate pays the fees and deposits original documents after counselling and later requests the University to return the original documents in order to exercise his/ her option for admission to course in other Institutes / Colleges, the original documents may be handed over to the concerned candidate.
- ii. Candidate admitted to the programme will have to deposit their "Original Documents with the concerned Institution of this University within two days of starting the course, failing which their admission shall be treated as forfeited automatically and the same will be offered to the another candidate in the merit list. No correspondence will be made by this University to that effect.
- iii. If a candidate cancels his/ her admission his/ her Original Documents may be returned to him/ her on completion of required formalities.

18. Medical Fitness Certificate

Candidate, if selected, will have to undergo Medical Fitness Test, before Medical Board of Pravara Institute of Medical Sciences , Loni & submit Medical Fitness Certificate duly signed by Medical Superintendent, Pravara Rural Hospital within seven days from the date of selection failing which his/her admission may lead to cancellation and forfeiture of the fees paid.

19. Waiting List

After the seats of a desired course are filled, the candidate will be offered seat for the other course. If a candidate decides not to take admission to the course offered to him, he will be required to give a written submission to that effect in the proforma that will be given to him and he will be wait – listed for the course he desires to get admitted to and will be given a wait - list number.

The wait-list will be operated only if any vacancy/vacancies arise before 31st August, 2009 for the admission to the course specified by the concerned councils. The Admission Committee will give information about the possibilities of admission against vacancy/vacancies through our website. In such a case the candidate will have to report immediately and pay the full fees.

20. Cancellation and Refund of Fees

- a) Candidate who has confirmed his/her admission may withdraw it by submitting an application to the Controller of Examinations PIMS. In such a case, the following rules for refund of Tuition Fee will be applicable and will be binding on the candidate.

Period of Cancellation Permissible Refund

I)

- a. On or before
31.07.2009

The entire annual Tuition Fee after deduction of Rs. 1000/- as processing fee.

- b. From 01.08.2009
to 15.09.2009

- i. If the seat consequently falling vacant has been filled by the another candidate by the last date of admission, then annual Tuition Fee after deducting proportionate deduction of monthly fee plus Rs. 1000/- as processing fee.

Note : For one month or part there of 10 % Tuition fee shall be deducted.

- ii. If the vacant seat created by cancellation of admission is not filled by 30th September, 2009, no Tuition Fee shall be refunded.

c. From 16.09.2009

No Cancellation of Admission. If the candidate fails and/or neglects and/or is unable to continue the said course, the guardian shall be bound and liable to pay full Tuition Fees and other fees for the entire course in a single installment.

- II) The refund clause mentioned above will also be applicable to the wait listed candidates admitted to the course.
- III) The cut off date for the admissions through AICET- 2009 will be 31/08/2009.
- IV) The refund will be made after three months after the date of receipt of application for refund. The Controller of Examinations in this matter shall not entertain any correspondence during this period.

21. Documents

The candidates are required to produce the original copies of the following documents along with two sets of their photocopies duly attested.

- i. S.S.C./Equivalent Examination marks statement & Certificate
- ii. H.S.C./Equivalent Examination marks statement & Certificate
- iii. PIMS - AICET – 2009 marks statement
- iv. PIMS - AICET – 2009 Hall Ticket
- v. Bonafide and character certificate from the Head of Institution last attended
- vi. Leaving / Transfer certificate from the Institute last attended
- vii. Age and Nationality Certificate
- viii. Migration Certificate
- ix. Gap Certificate (if passed 10 + 2 in or before 2008)
- x. Passport (in case of Foreign Nationals/wards of Persons of Indian Origin/Non-Resident Indians)

- xi. Backward Class Caste and Caste Validity Certificate (in case the candidates belonging to categories of Backward class)
- xii. Medical fitness certificate from a Registered Medical Practitioner stating that as per MCI norms you are fit to do the Medical Course.
- xiii. Identification documents : School Identity Card, Driving License etc.
- xiv. Six Passport size recent colour photographs (Not more than 3 months old)

In case the candidate has submitted original documents to some other institute, he/she should bring a letter from Head of that Institute certifying submission of documents to that institute.

22. Commencement of Classes

The First Year classes of all courses will commence from 1st August, 2009. Candidates will be required to be present in the campus and report to the respective Dean/Principal of the College to which he/she is admitted. The Dean/ Principal will address the students on this day and advise the students regarding rules and regulations of the college and university.

23. Discipline

The candidates admitted in the constituent colleges of the University are bound by the discipline and conduct rules of the University. A Disciplinary Committee will deal with cases of indiscipline either suo-moto or when referred to it by the Deans of the concerned College or the Vice-Chancellor of the University. The decision of the Disciplinary Committee shall be final and binding on student.

24. Dress Code

Turnout and attire of all students admitted to the University and its constituent colleges shall be appropriate to the norms of PIMS (DU) and professional training they are pursuing in this university.

Students admitted to Rural Medical College, Loni and Rural Dental College, Loni shall be

required to be in possession of the following,

- a. Blazer with PIMS monogram
- b. Sports wear
 - i. Shorts / trousers
 - ii. Sports 'T' Shirt of the university
 - iii. Shoes with socks

25. Ragging

Ragging within or outside the educational Institutions is strictly prohibited. Ragging is a criminal offence as per High Court directives. The University has already framed rules and regulations in this regard and students involved in ragging will be subjected to such disciplinary proceeding including filling of a case as prescribed.

"If any incidents of ragging comes to the notice of the authority, the concerned student shall be given liberty to explain and if his explanation is not found satisfactory, the authority would expel him from the institution".

26. Court Jurisdiction

All legal disputes including the conduct of AICET-2009 and admission procedure to constituent colleges of Pravara Institute of Medical Sciences are subject to the jurisdiction of the Courts at Rahata / Shrirampur and High Court of Bombay, bench at Aurangabad, with advance legal notice of one month to PIMS.

27. Disclaimer

Pravara Institute of Medical Sciences, Loni has not authorized any individual as agent or agency to deal with the admission in their constituent colleges or elsewhere.

The University will not be responsible for any activities of such individual agents / agencies.

It should also be noted that the contents of the Prospectus are subject to changes as the University may deem fit. Changes, if any, shall be notified on the web site of the University.



MODEL QUESTION PAPER

PHYSICS

1. A string breaks under a tension of 103 Newton. A stone of mass 1kg is tied at one end of the string of length 1.0m and whirled in vertical circle about the other end. The minimum frequency of whirling will be – (Assume $g = 10\text{m/s}^2$)
 - A. $5\sqrt{10/\pi H_z}$
 - B. $5\sqrt{10.1/\pi H_z}$
 - C. $5\sqrt{9.9/\pi H_z}$
 - D. $5\sqrt{8.9/\pi H_z}$
2. Equivalent resistance of two resistance's connected in parallel is (12/5). When one resistance is removed the remaining resistance is 3 ohm. The first resistance must be
 - A. 3/5 Ohm
 - B. 1/2 Ohm
 - C. 1/12 Ohm
 - D. 5/3 Ohm
3. The equation between RI of the medium and wave length of light is $A + B/2$ where A and B are positive and negative constants. Critical refraction for light of wavelength C will occur if
 - A. $A = B$
 - B. $A < B$
 - C. $A > B$
 - D. $A = -B$
4. Average value of output voltage of a full wave rectifier if E_0 is the peak value of input is –
 - A. $E_0/2$
 - B. $E_0/\sqrt{2}$
 - C. $2 E_0/\pi$
 - D. $2 E_0/\sqrt{\pi}$

CHEMISTRY

1. Which one of the following reaction is endothermic?
 - A. $\text{NaOH} + \text{HCl} \rightarrow \text{NaCl} + \text{H}_2\text{O}$
 - B. $\text{CH}_4 + 2\text{O}_2 \rightarrow \text{CO}_2 + 2\text{H}_2\text{O}$
 - C. $\text{CaCO}_3 \rightarrow \text{CaO} + \text{CO}_2$
 - D. $\text{C} + \text{O}_2 \rightarrow \text{CO}_2$
2. The Standard oxidation potentials of metal X, Y and Z are 0.403V – 0.337V and –0.79V respectively. The reactions belonging to which one of the following groups is possible :
 - A. $\text{Y} + \text{H}_2\text{SO}_4 \rightarrow \text{YSO}_4 + \text{H}_2$; $\text{Y} + \text{ZCl} \rightarrow \text{YCl} + \text{Z}$
 - B. $2\text{Y} + \text{XCl}_2 \rightarrow 2\text{YCl} + \text{X}$;
 $2\text{Z} + 2\text{HNO}_3 \rightarrow 2\text{ZNO}_3 + \text{H}_2$
 - C. $\text{X} + 2\text{ZCl} \rightarrow \text{XCl}_2 + 2\text{Z}$;
 $\text{Z} + \text{H}_2\text{SO}_4 \rightarrow \text{ZSO}_4 + \text{H}_2$
 - D. $\text{X} + 2\text{HCl} \rightarrow \text{XCl}_2 + \text{H}_2$;
 $\text{Y} + 2\text{NO}_3 \rightarrow \text{YNO}_3 + \text{Z}$
3. The nucleus ${}^{238}_{92}\text{A}$ emits 4X and 3B particles. The atomic number and mass number of the daughter nuclei are respectively
 - A. 81,222
 - B. 81,219
 - C. 87,230
 - D. 87,222
4. Fluorine forms interhalogen compounds like AB , AB_3 , AB_5 , AB_7 , in these compounds –
 - A. F is always B
 - B. A is always F
 - C. A can be F, Cl, Br or I
 - D. B can be Cl, Br or I

BOTANY AND ZOOLOGY

1. RNA plays major role in synthesis of :
 - A. Amino Acids
 - B. Nucleotides
 - C. Ribosomes
 - D. Enzymes
2. NPK is an example of a
 - A. Complete fertiliser
 - B. Complex fertiliser
 - C. Both a and b
 - D. None of the above
3. Identify the correct Rank-Taxon combination from the following:
 - A. Division-Monocotyledonae
 - B. Class-polypetalae
 - C. Order-thalmitlorae
 - D. Family-Gramineae
4. According to Emerson, the quantum requirement of photosynthesis sharply decreases at wave-lengths beyond 680 nm. This is known as
 - A. Emerson effect
 - B. Red drop
 - C. Both a and b
 - D. None
5. Common relation between chimpanzee and man is best shown by
 - A. binocular vision
 - B. bipedal locomotion
 - C. dental formula
 - D. banding pattern in chromosomes
6. The opening of coronary sinus is guarded by
 - A. Eustachian valve
 - B. Thebesian valve
 - C. Mitral Valve
 - D. Tricuspid Valve
7. Reflex arc is formed by
 - A. Receptor-brain-muscle
 - B. Muscle-spinal cord-receptor
 - C. Receptor-spinal cord-muscle
 - D. Muscle-brain receptor
8. _____ is a bone of foot
 - A. Tibia
 - B. Calcaneum
 - C. Capitate
 - D. Hamate



SYLLABUS

PHYSICS

Mechanics and Properties of Matter

Circular Motion :

Angular displacement, Angular velocity, Angular acceleration, Relation between linear and angular velocity. Uniform circular motion, Radial acceleration, centripetal and centrifugal forces, Banking of roads.

Gravitation :

Newton's law of gravitation, periodic time, binding energy and escape velocity of satellite, weightlessness condition in a satellite.

Rotational motion :

Center of mass of a two particle system, its generalization to "n" particles, rigid body and its CENTER of mass, definition of moment of inertia it's physical significance, radius of gyration, K.E. of a rotating body, torque, M.I. principle of perpendicular and parallel axes its application to M.I. of uniform rod and disc with proof. Angular momentum and its conservation.

Oscillation :

Explanation of periodic motion, Simple Harmonic Motion (S.H.M.), uniform circular motion and S.H.M., phase of S.H.M., K.E. and P.E. in cases of S.H.M., composition of the two S.H.M., having same period and parallel to each other (Analytical. Treatment), simple pendulum, angular S.H.M. , magnet vibrating in the uniform magnetic induction.

Elasticity :

General explanation of elastic property (a few examples) plasticity, deformation. Definition of stress and strain, Hooke's law, Elastic constants Y, K, N, and O. Determination of Young's modulus by Searle's method, observation on a wire under

applied increasing load, calculation of work done in stretching a thin uniform wire.

Properties of fluids :

Behavior of liquid surfaces, its explanation on the basis of molecular theory, surface energy, surface tension, Angle of contact, capillary action.

Sound

Wave motion :

Explanation of formation of wave, simple harmonic progressive waves longitudinal and transverse types of waves, deflection of sound waves, change of phase, superposition of sound waves, explanation of formation of beats, Doppler effect.

Stationary waves :

Study of vibrations on strings, explanation of formation of stationary waves on strings, study of Vibration of air columns, forced vibrations, resonance. Experiments like sonometer, resonance tube, Mold's experiment to study stationary waves.

Heat and Thermodynamics

Kinetic theory of gases :

Assumptions of kinetic theory, mean free path, derivation for pressure of a gas in the container on the basis of Kinetic theory of gases, Derivation of Boyle's law, specific heat at constant volume and pressure (C_p and C_v). Method of determination of C_p , Mayer's relation, Internal and external latent heat.

Radiation :

Absorption, emission, reflection of heat radiation, Corresponding Coefficients and relation between them, Perfectly black body, emissive power, emissivity, Kirchhoff's law of radiation, it's theoretical proof, Ritchie's experiment, Prevost's

theory of exchange of heat, Stefan's law, Newton's law of cooling and radiation correction.

Thermodynamics :

Thermodynamic state, equation of state, Isothermals, pressure temperature phase diagram, Vander waal's equation of state.

Light

Wave theory of Light :

Newton's corpuscular theory, wave theory of light, wave front and wave normal, Huygen's principle construction of plane and spherical wave front Reflection and refraction at plane surfaces, Ray optics as a limiting case of wave optics, scattering of light.

Interference of light :

Interference of light, conditions for producing steady, interference pattern, Young's experiment Analytical treatment of interference bands, Measurement of wave length by' biprism experiment.

Electricity and Magnetism

Electrostatics :

Gauss's Flux theorem, its proof and applications, mechanical force on unit area of charged conductor energy per unit volume. Capacity of a parallel plate condenser with a dielectric, Energy of a charged condenser, Condensers in series and parallel.

Current Electricity :

Flow of current in a conductor, sources of e.m.f., simple cell, electric current, Ohm's law, Kirchhoff's laws, Wheatstone's bridge, Potentiometer.

Magnetic effect of current :

Moving coil galvanometer, ammeter, voltmeter, sensitivity and accuracy of moving coil galvanometer Theory and construction of Tangent Galvanometer, sensitivity and accuracy of TG.

Magnetism :

Magnetic induction at any point due to a magnetic dipole; Magnetic potential at any point due to a magnetic dipole; Diamagnetism, Paramagnetism. Ferromagnetism on the basis of domain theory, Curie temperature.

Electromagnetic Induction :

Electromagnetic induction, Faraday's experiment, law of the electromagnetic induction, proof of $e = -60/dt$, Eddy currents, self and mutual inductance, induction coil earth coil, coil rotating in a uniform magnetic induction, alternating currents, reactance and impedance, power in A.C. circuits with resistance, inductance-and capacitance, Resonance circuits, Electromagnetic oscillations, Electromagnetic spectrum (Elementary facts, uses and applications)

Modern Physics

Electrons and photons :

Discovery of an electron, charge and mass of electron, photoelectric effect, Einstein's equation. Photoelectric cell and its applications.

Atoms, molecules and nuclei :

Rutherford's model of an atom, Bohrmodel energy quantization, hydrogen spectrum, composition of nucleus, Radioactivity, mass energy relation.

Thermionic emission of solid state devices :

Thermionic emission , diode, its construction and use' as a half wave and full wave rectifier. Triode, its construction and use as an amplifier (Qualitative idea)

Semi-conductors :

P-type and N-type semi conductors, P-N junction diodes, P-N junction diode as rectifier, transistor as amplifier.

Atomic structure and Nature of Chemical Bond :

- i. Introduction, electronic theory of valency, limitations.
- ii. VB. Theory-postulates, overlapping of atomic orbital.:
 - a. S-S in H_2 molecule
 - b. P-P in halogen molecule
 - c. S-P in Hexmolecule
- iii. The concept of hybrid orbitals and geometry, of molecules:
 - a. Tetrahedral (SP^3) hybridisation in CH_4 , NH_3 , H_2O
 - b. Trigonal hybridisation (SP^2) in BF_3 , and C_2H_4
 - c. Diagonal hybridisation (SP) in BeF_2 , and C_2H_2
- iv. Bond Energy – Average Bond energy, factors affecting bond energy.
- v. The uncertainty principle, orbitals and Quantum numbers shapes of orbitals, Electronic configuration of atoms.

Chemical Thermodynamics and Energetics :

- i. Introduction
- ii. Concepts in Thermodynamics-System, isolated, closed and open system, Homogeneous and heterogeneous system, Thermodynamic equilibrium, nature and type of processes, isothermal and adiabatic processes, reversible and irreversible processes.
- iii. Nature of work and heat, units of energy and work in thermodynamics, work of pressure, volume, maximum work in reversible isothermal process, simple numerical problems.
- iv. First law of Thermodynamics – Relation between mass and energy, internal energy, change in internal energy and mathematical deduction of the first law of Thermodynamics. $q = \Delta E + W$, simple numerical problems
Second law of Thermodynamics: Entropy, free

energy, spontaneity of a chemical reaction, free energy change and chemical equilibrium, free energy as energy available for useful work.

- v. Enthalpy (H) of a system, change in enthalpy, mathematical derivation, numerical problem and conversion of ΔH related to endothermic and exothermic reaction.
- vi. Thermochemistry Endothermic and exothermic reaction, heat of reaction, heat of neutralization, Heat of formation $\Delta H = [H(\text{Product}) - H(\text{Reactant})]$, effect of temperature on heat of reaction (Kirchoff's equation), numerical problem.
- vii. Internal energy and change in internal energy.
- viii. Hess's Law of constant heat summation – definition and explanation
- ix. $\Delta H = \Delta H_1 + \Delta H_2 + \Delta H_3 + \dots$ - Numerical problem of Hess's Law

Electrochemistry :

- i. Introduction
- ii. Electrolysis, electrolytic cells
- iii. Faraday's laws of electrolysis, simple numerical problem
- iv. Electrochemical cells-Construction, working of simple voltaic cell (Daniel Cell), convention used in S the representation of Galvanic cell, Use of salt bridge, types of electrodes, hydrogen electrode, calomel electrode and measurement of electrode potentials.
- v. Concept of electrode potential – electronation and de-electronation (Nerst Theory), S.D.P. and e.m.f of a cell e.m.f. series, its applications, simple numerical problems on e.m.f. of cell
- vi. Common types of cell – Dry cell, lead accumulator.

Ionic Equilibrium

- i. Introduction
- ii. Arrhenius theory of acids and bases
- iii. Lowry and Bronsted concepts of acids and bases

- iv. Lewis concept of acids and bases
- v. Strong and weak acid and bases, degree of dissociation, dissociation constant, Ostwald dilution formula. Simple problems
- vi. Ionisation of water, Ionic product of water (K_w)
- vii. H ion concentration, pH and pOH – $\text{pH} + \text{pOH} = 14$ numerical problems
- viii. Commonion effects, Buffer solution, Mechanism of buffer action, solubility product its application numerical problems on solubility product
- ix. Hydrolysis of salts, Hydrolysis constant, Relation between hydrolysis constant and dissociation constant.

Adsorption and Colloids :

- i. Introduction
- ii. Adsorption as a surface phenomenon, difference in types of adsorption and absorption, factors affecting adsorption, types of adsorption
- iii. Freundlich's adsorption isotherm, Applications in water purification, catalyst, adsorption indicate and chromatography
- iv. Colloids – Introduction, colloidal state of matter disperse phase, dispersion medium, few examples colloidal solutions
- v. Preparation of colloidal solutions:
 - a. Dispersion method (electrical and mechanical)
 - b. Condensation methods (Oxidation and reduction) Properties of colloidal solutions, general properties, optical properties, mechanical, electrical properties, (electrophoresis and electroosmosis) coagulation.
- vi. Gels – Definition, example, types, properties and uses
- vii. Emulsion – Definition, example, types (DIW,W/O) properties and uses.

- viii. Application of colloids – food, medicine, sewage, precipitation of smoke.

Nuclear and Radiochemistry :

- i. Introduction
- ii. Characteristics of nucleons, mass number, atomic number, isotopes and isobars.
- iii. Nuclear stability, mass defect, binding energy, average binding energy, simple numerical problems on binding energy.
- iv. Radioactivity – Radioactive decay, nature of radiations, radioactive disintegration constant, half life period, mathematical derivation for the decay constant – and half-life ($t_{1/2}$), simple numerical problems, Artificial radioactivity and artificial transmutation of elements.
- v. Nuclear reactions. Radio isotopes and their uses-carbon dating, production of synthetic elements, medicine, agriculture.

Chemistry of Third Row Elements :

- i. Introduction
- ii. Position of third row elements in periodic table
- iii. Electronic Configuration
- iv. Periodic trend – reducing and oxidising characters, ionisation potential; electropositive and electronegative character and hence metallic and non-metallic character
- v. Nature of bonding in crystal lattice
- vi. Explanation of properties of metallic solids-conductivity, metallic lustre, malleability, ductility
- vii. Acidic and basic character of oxides and hydroxy compounds of third row elements. Hydrogen – Position in periodic table, isotopes, properties, reaction and uses. Oxygen-Position in periodic table, preparation, reaction uses, ozone. Water and hydrogen peroxide structure of Water molecule, physical and chemical properties of water, hard and soft water. Hydrogen peroxides-Preparation, properties,

structure and uses. Nitrogen-Preparation, properties, uses, compounds of nitrogen.

Fluorine and Hydrogen Fluoride :

- i. Introduction
- ii. Position of halogens in-periodic table, electronic-configuration; general principles of halogens
- iii. Fluorine – Occurrence, preparation, properties, reaction and uses
- iv. Hydrogen – fluoride and hydrofluoric acid – preparation, properties, reactions and uses

Silicon :

- i. Introduction
- ii. Position of silicon in periodic table, electronic configuration
- iii. Silicon – occurrence, preparation, properties and uses
- iv. Silicates, structure of simple silicates, nature of Si-O bond, tetrahedral geometry of SiO_4 units in silicates.

Halogen Derivatives of Alkanes :

- i. Introduction
- ii. Classification, Mono, di, tri and tetrahalogen derivatives of alkanes
- iii. Monohalogen derivatives (alkyl halides)
 - a. Nomenclature – Trivial and I.U.P.A.C. system
 - b. Preparation
Halogenation of alkanes.
Addition of H_x to alkanes
Action of P and PX_3 to Sod^2 on alcohols (Ethyl bromide $\text{C}_2\text{H}_5\text{Br}$ to be taken as a representative member)
- iv. Reactions of alkyl halides
 - a. Substitution reactions with : Alkalies, KCN, Ammonia, Sodium alkoxide, R-COOAg
 - b. Wurtz reaction
 - c. Formation of Grignards reagent
 - d. Elimination – Action of alcoholic KOH

- v. A. Introduction of Homolytic and heterolytic fission
Explanation of fission taking compound A-B
 1. $\text{A-B} \rightarrow \text{A} + \text{B}$ Homolytic
 2. $\text{A-BO} \rightarrow \text{A} + \text{B}^-$ Heterolytic
- B. Types of reagents
 1. Electrophillic with suitable examples
 2. Nucleophillic with suitable examples
- C. Mobility of electrons in single and double bonds
 1. Inductive effect
 2. Electromeric effect

- vi. SN^1 and SN^2 reaction mechanism:
 - a. Mechanism of alkaline hydrolysis of methyl bromide (SN^2 mechanism) b) Alkaline hydrolysis of tert -Butyl bromide (SN^1 mechanism)

- vii. Optical activity:
Following points are to be emphasised:
Polarisation of light by Nicol prism
Asymmetric carbon atom
Optically active (compounds, definition with example of lactic acid (Dextro, Laevo and Racemic forms)
Optically activity of 2 – chlorobutane to be discussed on the following points Presence of asymmetric Carbon atom
Two non-superimposable mirror image structures
A mixture and its optical inactivity.

- viii. Dihalogen Derivatives:
Preparation of $\text{C}_2\text{H}_4\text{Cl}_2$
Two isomers
 - a. Ethylene dichloride
 - b. Ethylidene chloride
Preparation of ethylene dichloride by
 - a. Addition of Cl_2 to ethene
 - b. Ethylene glycol and PCl_5

Preparation of ethylidene chloride from

- a. Acetaldehyde and PCl_5
- b. Acetylene and HCl

- ix. Trihalogen Derivatives of CH_4 :
- Preparation of chloroform and Iodoform
General physical and chemical properties
- a. Reduction,
 - b. Oxidation,
 - c. Hydrolysis,
 - d. Carbylamine reaction
 - e. Action of HNO_3

Organic Hydroxy Compounds :

- i. Introduction
Alcohols – introduction – classification
Nomenclature-
1. Trivial system,
 2. I.U.P.A.C. system
- Preparation method
Hydrolysis of alkyl halides
Hydration of Alkene by acid
Reduction of Aldehydes and ketones by
- a. Catalytic method using Nickel
 - b. $\text{Na-Hg}/\text{H}_2\text{O}$
- Properties and Reactions :
- General Physical and Chemical Properties
Reaction with :
- a. Na , HX , PCB , PCl_5
 - b. Dehydration
 - c. Oxidation of primary, secondary and tertiary alcohols
- ii. Phenols :
- Aromatic hydroxy compounds – Phenol as a representative compound
- a. Chlorobenzene
 - b. Benzene Sulphonic acid
 - c. Cumene
- iii. Physical properties and chemical reactions
- a. Halogenation,
 - b. Nitration,
 - c. Sulphonation
- Distinction between alcohol and phenol, uses of phenol

Aldehydes and Ketones :

- i. Introduction
- ii. Preparation
Oxidation of alcohols
Hydrolysis of gemdihalides
From Grignard reagent,
From calcium salt of acids
- iii. Reactions :
- a. Addition to carbonyl compounds
 HCN , NaHCO_3 , NH_3 , Grignard's reagent
 - b. Condensation reactions – (NH_2OH) , $\text{C}_6\text{H}_5\text{NH-NH}_2$
 - c. Aldol condensation, Acetaldehyde with dil alkali, similar reactions with ketones.
 - d. Cannizzaro's reaction – Action of conc. NaOH on formaldehyde
 - e. Reduction of Aldehydes and Ketones, catalytic hydrogenation
 - f. Reducing properties of Aldehydes
Fehling solution, Tollen's reagent, Schiff's reagent

Acids and Esters :

- i. Introduction
- ii. Preparation (acids)
- a. Oxidation of primary alcohols, aldehyde
 - b. Hydrolysis of alkyl cyanides
 - c. Grignard reagent and CO_2
- iii. Reactions:
- a. Acidic properties
 - b. Anhydride formation by using P_2O_5
 - c. Ester formation
- iv. Amide formation
- v. Esters
- a. Introduction
 - b. Preparation: Acid and Alcohol, Alcohol and acid anhydride
Alcohol and acid chloride
Alkyl halide and Ag-salt of acid
 - c. Reaction of ethylacetate
Hydrolysis with acid and alkali
Action of Grignard reagent
Uses of esters

Ethers :

- i. Introduction
- ii. Definition: Classification, simple and mixed ethers Preparations:
 - a. Williamson's synthesis
 - b. Continuous etherification process
 - c. Alcohol and Diazomethane
- iii. Physical and chemical properties :
 - a. Action of HI on simple and mixed either in cold and hot
 - b. Hydrolysis by dil. H_2SO_4 uses of diethyl ether

Amines :

- i. Introduction
- ii. Definition: Classification-Nomenclature
- iii. Preparation
 - a. Haloalkanes and Ammonia
 - b. Reduction of Oxime, nitriles and nitroalkanes.
- iv. Properties:Physical and chemical
 - a. Basic nature on the basis of Lewis concept
 - b. Acetylation by acetyl chloride and acetic anhydride
 - c. Action of HNO_2 on primary, secondary and tertiary amines.
 - d. Methylation of primary, secondary and tertiary amines yielding quaternary ammonium salts

Carbohydrates, Proteins and Fats :

- i. Introduction
- ii. Carbohydrates: Classification, mono, di and polysaccharide, preparation of glucose from sucrose and starch.
- iii. Proteins: Classification, simple, conjugated and derived proteins. Hydrolysis of proteins to produce amino acids peptide linkage

Colour tests: 1) Biuret test, 2) Millon's test

iv. Fats and Oils:

Glycerol- as a trihydroxy alcohol, fatty acid esters of glycerol with fatty acids Saponification, Hydrogenation.

Synthetic Fibres :

- i. Introduction,

- ii. Definition of fibres: Classification as natural and artificial fibres
- iii. Preparation: properties and uses of Nylon 6, Nylon 66. Terylene, teflon, PVC, Polystyrene.

BIOLOGY (Botany)**Section (A): General Biology And Botany****General Biology****Continuity of Life:**

- i. Mendel's laws of inheritance, with reference to Mendel's experiments with peas, ideas of factors, Monohybrid and Dihybrid ratio.
- ii. Genes – Packaging of hereditary material, prokaryotes, bacterial chromosomes, plasmid and Eukaryotic chromosomes Genetic material, DNA replication; Genetic Code and Central dogma of protein synthesis.
- iii. Cell division – cell cycle, mitosis and meiosis significance.

Applications of Biology :

- i. Domestication of plants: improvement of crop plants – Principles of plant breeding and technique of hybridization
Application of Tissue: culture.
Use of fertilizers and pesticides – Their advantage and disadvantages;
Biological method of Pest control.
- ii. Bio-energy:- Bio-gas, plants as sources of hydrocarbons for producing Petroleum. To
- iii. Bio-technology:- Meaning and manufacture of Alcohols, Antibiotics and Vitamins.

Multicellularity. Plant Life :

- i. Concept of species – Various taxons and categories, Hierarchical levels of classification, Binomial nomenclature, principles of classification.
- ii. Conquest of land – Life history of Fern (Nephrolepis), Cycas and angiosperms (Hibiscus, Jowar, Bajra)- Anatomy, development of seed habit, flower and fruit. (Development of Reproductive structures not expected)

- iii. **Physiology**
 Transpiration : Transpiration and exchange of gases, stomatal mechanism.
 Photosynthesis : Ultra-structure and functions of chloroplast, photochemical and biosynthetic Phases, diversity in photosynthetic pathways, significance.
 Respiration : Ultra-structure and function of mitochondrion, glycolysis, Krebs cycle, electron transport system, fermentation, significance.
 Growth: Plant hormones and growth regulation, action of plant hormones in relation to seed dormancy and germination, apical dominance.
 Reproduction : Asexual and sexual
 Brief account of mode of sexual reproduction in multicellular lower plants-antheridium and archegonium. Sexual reproduction in angiosperms
 Pollination, structure of male and female gametophytes, fertilization, formation of endosperm embryo, seed and fruit.
- ii. Domestication of animals- Introduction of poultry, fisheries, Sericulture and apiculture. Principles of animal breeding, major animal diseases and their control
- iii. Human diseases and their control + Hepatitis, AIDs, Leprosy, Cancer.
- iv. Community Health Services – Blood banks smoking. Alocoholism, drug addiction- Physiological symptoms and their measures.
- v. Pollution – Air, Water – effect and control
- vi. Human population – Growth, problems and control

Multicellularity :

Structure and functions of animal life with reference to mammals:

- i. Circulation-Closed vascular system, Heart-structure and pumping action, Arterial blood pressures.
- ii. Excretion and Osmo-regulation : Aminotelism, uriotelism, uricotelism, Excretion of water and urea, with special reference to man, role of Kidney, in regulation of plasma, osmoregularity on the basis of structure of nephron: role of skin and lungs, in excretion.
- iii. Hormonal Co-ordination: Morphological and histological structure of pituitary and thyroid glands, Important hormones of pruituary and thyroid and their role as messengers and regulators.
- iv. Nervous Co-ordination: Central, Peripheral, autonomous nervous system, receptors and effectors, reflex action.
- v. Locomotion – Joints, muscle movements
- vi. Skeleton – Brief account of human skeleton
- vii. Reproduction: Human reproduction, female reproductive cycle, embryonic development up to three germinal layers.
- viii. Classification of chordata: Pisces, Amphibia, Reptilia, Aves, Mammals, highlighting major characters with two examples of each class.

BIOLOGY (Zoology)

Section (B) – General Biology And Zoology

Evolution of Life :

- i. Evolution: Definition, Darwin’s theory of natural selection (Common origin, recombination as a source of variability, Role of selection on variation, adaptation, reproductive isolation and speciation).
- ii. Human evolution: Paleontological evidences, Brief idea of the Dryopithecus, Australopithecus, Homo-erectus, Homo-meanderthalensis, Cro-magnon, Homo-sapiens.

Continuity of Life :

- i. Sex determination and sex linkage in man.



GUIDELINES FOR ENTRANCE TEST

Pattern of Entrance Test

The PIMS - AICET- 2009 will have one question paper. The test will have duration of three hours and would comprise of 200 Multiple Choice Question (MCQ) of the objective type. Each question will carry one mark and the medium of entrance test will be English only. The syllabus for the entrance test has been given in this prospectus separately.

Regulations at the Test Center

The examination hall will be opened 30 minutes before the commencement of the test. Each candidate is allotted a hall ticket having seat number. He/she should find out and occupy the seat with the allotted number. The invigilator at the examination will start giving general instructions 15 minutes prior to the commencement of the examination. Candidates must carry their Hall Ticket with them and produce it on demand while entering exam hall. Candidates will not be allowed to appear for the test if they do not carry a valid Hall Ticket issued by the University. The invigilator will check the Hall Tickets of the candidates during the test, to check the identity of each candidate. The candidates must sign the answer sheet in the presence of the invigilator. The invigilator will also put his/her signature in the place provided in the Attendance sheet and Answer Sheet on front side.

At **2:45 PM.** the candidates will receive an Answer Sheet. They must ensure that the Answer Sheet they have received is correct and properly printed on both sides.

At **2:55 PM.** the candidates will receive a Test Booklet for PIMS - AICET- 2009. They must ensure that the Test Booklet received by them is correct and printed properly. Each Test Booklet has a specific five-digit Test Booklet number which should be entered in the Answer Sheet and also darken circles at the appropriate place.

No candidate will be allowed to enter the examination hall after 3:00 PM. Candidates will have to remain seated in the examination hall till the completion of the duration of the test. Once candidates leave the hall they cannot return under any circumstances. Candidates are expected to maintain silence during the whole examination. Any conversation or gesticulation or disturbance in the examination hall shall be deemed as misbehaviour.

The Admission Committee will take strict action against the candidates, who use unfair means or impersonation. Such candidates will be asked to leave the examination hall immediately and they will be liable to be debarred from appearing examination either permanently or for a specified period to be decided by the University. The Admission Committee will reserve the right to withhold the result of such candidates.

Candidates have to put their Hall Ticket number Test Booklet number and Test version in appropriate places on the answer sheet. Instructions will be given in the examination hall to make these entries. All the entries must be made using a **Black Ball point pen.** Wherever the entries have to be marked in the circles, it should be done by completely darkening the corresponding circles.

For example, when Hall Ticket number is 56082 and Test Booklet number is 13965, they should be filled as shown here.

Hall Ticket Number		5	6	0	8	2
	0	○	○	●	○	○
	1	○	○	○	○	○
	2	○	○	○	○	●
	3	○	○	○	○	○
	4	○	○	○	○	○
	5	●	○	○	○	○
	6	○	●	○	○	○
	7	○	○	○	○	○
	8	○	○	○	●	○
9	○	○	○	○	○	

The candidate will be solely responsible for putting in wrong Hall Ticket number and the Test Booklet number on the Answer Sheet. If these entries are made wrongly, then the Answer Sheet will not be evaluated. Candidates must stop marking the answers when the warning bell is rung at the closing time. After completing the test and before handing over the Test Booklet and the Answer Sheet, the candidate should check again that all the particulars required in the Test Booklet and answer sheet have been correctly written. The candidate must ensure that the Hall Ticket Number and the Test Booklet Number are correctly written in the answer sheet. The answer sheet of the candidate who do not submit the Test Booklet before they go out of the examination hall will not be evaluated. Such candidates will be debarred from writing the test in future.

Candidates will not be allowed to carry any text material (printed or written) or any other material except the Hall Ticket inside the examination hall. Candidates are also not permitted to carry any device that is likely to be of unfair assistance like log-table,

Test Booklet Number		1	3	9	6	5
	0	○	○	○	○	○
	1	●	○	○	○	○
	2	○	○	○	○	○
	3	○	●	○	○	○
	4	○	○	○	○	○
	5	○	○	○	○	●
	6	○	○	○	●	○
	7	○	○	○	○	○
	8	○	○	○	○	○
9	○	○	●	○	○	

calculator, cellular phone, pager, electronic gadgets etc. Smoking in the examination hall is strictly prohibited. Any kind of eatable or drink is not allowed into the examination hall.

Marking of Answers

Each Multiple Choice Question will have four responses labelled A,B,C and D. Only one of the four responses is the correct or most appropriate answer. Candidates should indicate the correct or most appropriate answer by darkening the appropriate circle completely using **HB Black Pencil**. The questions can also be in form of incomplete statements. The candidate should appropriately mark one of the four responses, which completes the statement.

The candidates should mark their answers as shown below. A Computer using Optical Recognition will evaluate the answer sheet. The following example illustrates the correct method of indicating the answer.

Question No 98 in the Test Booklet may read as follows:

98. According to Newton's First Law of Motion

- A. $F = ma^2$
- B. $F = m^2a$
- C. $F = ma$
- D. None of the above

	A	B	C	D	
98	○	○	○	○	Wrong
98	○	◌̇	○	○	Wrong
98	○	○	◌̂	○	Wrong
98	○	○	⊗	○	Wrong
98	⊗	⊗	⊗	⊗	Wrong
98	○	◌̣	○	○	Wrong
98	○	○	●	○	Right

The correct response is C. The candidate will locate question No 98 in the Answer Sheet and darken the circle C as shown above: (There is only ONE CORRECT WAY of indicating the answer)

If more than one circle is darkened or if the response is marked in any wrong manner as shown above, it shall be treated as wrong answer. Candidates must ensure that the Answer Sheet is not folded and they make no stray marks on it. If pencils other than HB are used to mark the answers, the Optical Scanner on which the Answer Sheets are scanned can reject the Answer Sheet. Candidates must bring their own pencils, erasers and sharpeners. They are not allowed to take anything from the other candidates during examination. The order of questions is not the same in all Test Booklets and they are jumbled. Candidates should never change their Test Booklet during the test.

Changing the Answer

If a candidate wants to change any answer on his/her answer sheet, he/she must erase completely the existing pencil mark and then darken the appropriate circle with HB pencil. An answer will be treated as wrong if there are marks on a circle other than the circle for the correct answer. Also a lightly or faintly darkened circle will be treated as wrong answer and will be rejected by the Optical Scanner. Candidates are advised to decide about the correct answer before they mark it on the answer sheet. This would save some

valuable time, which would otherwise get wasted in erasing the marks and re-doing them.

Rough Work

If a candidate wishes to do some rough work, then it should be done in the Test Booklet itself. It should not be done on the Answer Sheet.

Scoring

Each question carries one mark. There is no negative marking. If the answer is not marked correctly, then it will be considered as a wrong answer. Also, no request for revaluation or re-checking will be entertained.

Vigilance

- The University Observer / University Representatives appointed by the Vice - Chancellor to visit the Center of All India Common Entrance Test will
 - Ensure that the AICET is conducted as per norms laid down by the University.
 - Observe whether the Center Incharge, Senior Supervisor and Block Supervisors are following scrupulously instructions for conduct of the AICET.
 - Identify the students who try to resort to malpractices at the time of AICET and report to University Authorities.
- The University Observer is authorized to visit any Examination Center without prior intimation and enter office of the Incharge of Examination Center to check the record and other material relating to the conduct of AICET. They can enter in any block of the Examination for checking the candidate's identity, Hall Tickets etc. to ascertain the authenticity of the candidate. The university observer is authorized to detect use of malpractices and unfair means at the AICET Center; and if found guilty, University observer is authorized to expell such candidate from the examination block and report to the Vice-Chancellor. The action taken by the University Observer will be final and binding on the candidate.



Annexure I :

Authorization for Representative

I _____ son/daughter of _____
being unable to attend the counselling session for admission to Health Science courses at the Pravara
Institute of Medical Sciences, Loni 413736 at _____ AM /PM on _____, do hereby authorize
_____ whose photograph is affixed
below and who will sign as shown thereunder, represent me at the counselling session. I hereby declare
that the decision made by the said authorized representative will be irrevocable and that it will be final
and binding on me. The said representative will present all necessary documents in support of my eligibility
and pay the requisite fees, and complete all the formalities as may be necessary on my behalf.

Name of the Candidate: _____

Application Form Number: _____ Hall Ticket Number: _____

Examination Center: _____ Merit Number: _____

Reason for absence: _____

Paste recent
Photograph of the
Representative
With his/her
Signature thereon

Signature of the Candidate :

Paste recent
Photograph of the
Candidate
With his/her
Signature thereon

Signature of the Representative :

Signature of the Parent / Guardian as
Recorded in the Application Form:

Annexure II : Agreement

**To be executed on a Non-Judicial
Stamp Paper of Rs. 100/-
on confirmation of Admission, in the PIMS account office**

This Agreement is made and entered at _____ on this _____ day of the month of _____ in the year 2009 between.

PRAVARA INSTITUTE OF MEDICAL SCIENCES, LONI

TAL. RAHATA, DIST. AHMEDNAGAR, PIN-413 736.

First Party

AND

Mr./Ms _____

Age about _____ years, Occupation _____

Residing at _____

(Name and address of the parents/guardians of the student)

Second Party

Who is father/mother/guardian of the student Mr./Ms. _____ admitted to _____ Course at _____ which is a constituent college of PIMS and agrees to abide himself/herself by the terms and conditions and covenants mentioned herein below. The Agreement is :

1. As the PIMS LONI, is running _____, a constituent college at Loni and the said student has been selected and provisionally admitted to _____ course at this college with the consent of his father / mother/ guardian.
2. At the time of the Admission , total fee for the first year as mentioned in the prospectus of the entrance test plus other fees prescribed by PIMS shall be paid. The student agrees and understands that the fees of the college and course are subject to regulations of the University Grants Commission, New Delhi and may be revised as per directives / regulations of the University Grants Commission, New Delhi and agrees to make payments accordingly.
3. The said student agrees, understands and undertakes that :
 - a. The said student shall not transfer himself / herself or allow himself / herself to be transferred to any other college conducting the same course after 15th September 2009.
 - b. The said student agrees to pay the full tuition fees and other fees as prescribed by the PIMS, LONI, for the entire duration of the course to which the said student is admitted irrespective of whether the said ward continues the said course or not for whatsoever reason and
 - c. The said student shall pay the aforesaid fee in a single installment in the event of he/she is not able to continue the course for whatsoever reasons.
 - d. Relying on the aforesaid presentations and believing the same to be true the PIMS LONI has agreed to admit the said student to the _____ course at the _____ a constituent college of the PIMS LONI.

Now this agreement witnessed and it is agreed, declared, recorded and confirmed by & between the parties hereto to abide :

1. The said father/mother/guardian agrees and undertakes that he shall pay to the PIMS, Loni the tuition fees and other fees for the said _____ course in accordance with regulations made by the PIMS from time to time.
2. The father/mother/guardian agrees and undertakes that
 - i. In any circumstances whatsoever, the father/mother/guardian or any other person shall not be entitled to claim any refund of the aforesaid tuition fees and other fees or any part thereof in the event of the said student leaving the college after 15th September 2009. The said college will be entitled to recover the balance fees from the father/mother/guardian.
 - ii. The tuition fees shall be paid by him strictly in the manner stated hereinabove regardless of whether the said ward is able to continue the said _____ course.
 - iii. Even if for any reason whatsoever the said ward fails and / or neglects and / or is unable to complete the said course, the father/mother/guardian shall be bound and liable to pay full tuition fees and other fees for the entire course in lump sum in the manner aforesaid.
 - iv. The said father/mother/guardian hereby agrees that the ward is to be instructed by him/her to observe the rules, regulations and discipline of the College/PIMS, Loni with regular attendance and in case of failure in this respect, the decision of the PIMS, Loni will be final.
3. It is clarified that the obligation and liability of the father/mother/guardian to pay the tuition fees and other fees shall not be affected in any manner by any reason whatsoever.
4. The father/mother/guardian and the student jointly and severally abide themselves to pay all the fees for the entire duration of the course as may be stipulated by the PIMS, Loni from time to time.
5. The Father / Mother / Guardian / Student further agrees to clear all fees dues before filling University Examination Form, failing which "The PIMS" authorities have right to deny to fill Examination Form, in such case The Student/ Guardian are solemnly responsible and the PIMS will not be held responsible.
6. The father/mother/guardian has read and understood the terms and conditions of this agreement and is signing the same with full consent, full consciousness and in sound mind and further states that the Management of the PIMS, Loni has not influenced them to do so.

This agreement is subject to the jurisdiction of court at Rahata / Shirampur and Aurangabad Bench of the High Court at Bombay. In witness hereof the parties hereof , have put their signatures to the day, month and year hereinabove mentioned.

1. Witness

Signature

Name _____

Address _____

Party No. 2

Signature

Name _____

Address _____

2. Witness

Signature

Name _____

Address _____

Party No. 1

Signature

Name

Address: **PIMS, Loni**, Tal. Rahata, Dist. Ahmednagar.



Pravara Institute of Medical Sciences
(Deemed University)

OMR ANSWER SHEET

PIMS - AICET - 2009 (MBBS/BDS)

ALL INDIA COMMON ENTRANCE TEST • OMR ANSWER SHEET

1. Hall Ticket Number

	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2. Test Booklet Number

	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
0	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

3. Test Booklet Version

	<input type="text"/>	<input type="text"/>
AA	<input type="radio"/>	<input type="radio"/>
BB	<input type="radio"/>	<input type="radio"/>
CC	<input type="radio"/>	<input type="radio"/>
DD	<input type="radio"/>	<input type="radio"/>

4. Applicant's Signature

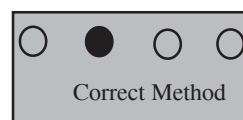
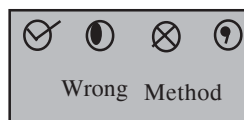
5. Invigilator's Signature

(in words) _____

(in words) _____

Important Instructions

- Use Black HB pencil to mark all the circles and use BLACK PEN to write all other entries like Hall Ticket No. etc. in the Answer Sheet.
- Rough work, if required, should be done on the Test Booklet only.
- Write your Hall Ticket Number and Test Booklet Version Code in appropriate place provided in the Answer Sheet only. Darken the corresponding circles.
- Do not use any religious invocation or any writing that is not relevant to the answers.
- Candidates must stop marking the answers as soon as the warning bell is rung at the closing time.
- Candidate are not allowed to take any books, notes, mobile Phones, any electronic gadgets or scribbling papers in the examination Hall.
- Candidates should not speak or communicate in any manner to any other candidate, while the examinaiton is in progress. If a candidate wants anything, he/she should approach the Invigilator



Ball Ticket Number

Test Booklet Version

(Write appropriate Version)

AA BB CC DD
 (Mark appropriate circle for Version)

A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D					
1	A	B	C	D	41	A	B	C	D	81	A	B	C	D	121	A	B	C	D	161	A	B	C	D
2	A	B	C	D	42	A	B	C	D	82	A	B	C	D	122	A	B	C	D	162	A	B	C	D
3	A	B	C	D	43	A	B	C	D	83	A	B	C	D	123	A	B	C	D	163	A	B	C	D
4	A	B	C	D	44	A	B	C	D	84	A	B	C	D	124	A	B	C	D	164	A	B	C	D
5	A	B	C	D	45	A	B	C	D	85	A	B	C	D	125	A	B	C	D	165	A	B	C	D
6	A	B	C	D	46	A	B	C	D	86	A	B	C	D	126	A	B	C	D	166	A	B	C	D
7	A	B	C	D	47	A	B	C	D	87	A	B	C	D	127	A	B	C	D	167	A	B	C	D
8	A	B	C	D	48	A	B	C	D	88	A	B	C	D	128	A	B	C	D	168	A	B	C	D
9	A	B	C	D	49	A	B	C	D	89	A	B	C	D	129	A	B	C	D	169	A	B	C	D
10	A	B	C	D	50	A	B	C	D	90	A	B	C	D	130	A	B	C	D	170	A	B	C	D
11	A	B	C	D	51	A	B	C	D	91	A	B	C	D	131	A	B	C	D	171	A	B	C	D
12	A	B	C	D	52	A	B	C	D	92	A	B	C	D	132	A	B	C	D	172	A	B	C	D
13	A	B	C	D	53	A	B	C	D	93	A	B	C	D	133	A	B	C	D	173	A	B	C	D
14	A	B	C	D	54	A	B	C	D	94	A	B	C	D	134	A	B	C	D	174	A	B	C	D
15	A	B	C	D	55	A	B	C	D	95	A	B	C	D	135	A	B	C	D	175	A	B	C	D
16	A	B	C	D	56	A	B	C	D	96	A	B	C	D	136	A	B	C	D	176	A	B	C	D
17	A	B	C	D	57	A	B	C	D	97	A	B	C	D	137	A	B	C	D	177	A	B	C	D
18	A	B	C	D	58	A	B	C	D	98	A	B	C	D	138	A	B	C	D	178	A	B	C	D
19	A	B	C	D	59	A	B	C	D	99	A	B	C	D	139	A	B	C	D	179	A	B	C	D
20	A	B	C	D	60	A	B	C	D	100	A	B	C	D	140	A	B	C	D	180	A	B	C	D
21	A	B	C	D	61	A	B	C	D	101	A	B	C	D	141	A	B	C	D	181	A	B	C	D
22	A	B	C	D	62	A	B	C	D	102	A	B	C	D	142	A	B	C	D	182	A	B	C	D
23	A	B	C	D	63	A	B	C	D	103	A	B	C	D	143	A	B	C	D	183	A	B	C	D
24	A	B	C	D	64	A	B	C	D	104	A	B	C	D	144	A	B	C	D	184	A	B	C	D
25	A	B	C	D	65	A	B	C	D	105	A	B	C	D	145	A	B	C	D	185	A	B	C	D
26	A	B	C	D	66	A	B	C	D	106	A	B	C	D	146	A	B	C	D	186	A	B	C	D
27	A	B	C	D	67	A	B	C	D	107	A	B	C	D	147	A	B	C	D	187	A	B	C	D
28	A	B	C	D	68	A	B	C	D	108	A	B	C	D	148	A	B	C	D	188	A	B	C	D
29	A	B	C	D	69	A	B	C	D	109	A	B	C	D	149	A	B	C	D	189	A	B	C	D
30	A	B	C	D	70	A	B	C	D	110	A	B	C	D	150	A	B	C	D	190	A	B	C	D
31	A	B	C	D	71	A	B	C	D	111	A	B	C	D	151	A	B	C	D	191	A	B	C	D
32	A	B	C	D	72	A	B	C	D	112	A	B	C	D	152	A	B	C	D	192	A	B	C	D
33	A	B	C	D	73	A	B	C	D	113	A	B	C	D	153	A	B	C	D	193	A	B	C	D
34	A	B	C	D	74	A	B	C	D	114	A	B	C	D	154	A	B	C	D	194	A	B	C	D
35	A	B	C	D	75	A	B	C	D	115	A	B	C	D	155	A	B	C	D	195	A	B	C	D
36	A	B	C	D	76	A	B	C	D	116	A	B	C	D	156	A	B	C	D	196	A	B	C	D
37	A	B	C	D	77	A	B	C	D	117	A	B	C	D	157	A	B	C	D	197	A	B	C	D
38	A	B	C	D	78	A	B	C	D	118	A	B	C	D	158	A	B	C	D	198	A	B	C	D
39	A	B	C	D	79	A	B	C	D	119	A	B	C	D	159	A	B	C	D	199	A	B	C	D
40	A	B	C	D	80	A	B	C	D	120	A	B	C	D	160	A	B	C	D	200	A	B	C	D

HALL TICKET

PIMS - AICET- 2009

All India Common Entrance Test 2009

Pravara Institute of Medical Sciences, Loni - 413 736.

DATE & TIME OF EXAMINATION : 02.05.2009 (3.00 PM TO 6.00 PM)

ORIGINAL

Name and POSTAL address of the Candidate

Application Number

EXAMINATION VENUE (To be filled in by the University Office)

Hall Ticket Number

Controller of Examinations

Candidate's Signature

Paste your recent
Photograph
Sign on the Photograph
Duly attested
(Please see para 8)

RECEIPT

PIMS - AICET- 2009

All India Common Entrance Test 2009

Pravara Institute of Medical Sciences, Loni - 413 736.

Note: Candidates should fill both the copies of this format. The ORIGINAL copy will be sent to the candidate as receipt for payment of Entrance Test Fee.

ORIGINAL

Name and address of the Candidate

Application Number

Particulars of the Demand Draft :

Name of the Bank : _____ DD No. : _____

Issuing Branch : _____ Date : _____

Amount _____

Received the Entrance Test fee as mentioned above.

Date :

Stamp

Accounts Clerk/Cashier

HALL TICKET

PIMS-AICET- 2009

All India Common Entrance Test 2009
Pravara Institute of Medical Sciences, Loni - 413 736.

DATE & TIME OF EXAMINATION : 02.05.2009 (3.00 PM TO 6.00 PM)

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Name and POSTAL address of the Candidate

Application Number

EXAMINATION VENUE (To be filled in by the University Office)

Hall Ticket Number

Controller of Examinations

Candidate's Signature

Paste your recent
Photograph
Sign on the Photograph
Duly attested
(Please see para 8)

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All India Common Entrance Test 2009
Pravara Institute of Medical Sciences, Loni - 413 736.

Note: Candidates should fill both the copies of this format. The ORIGINAL copy will be sent to the candidate as receipt for payment of Entrance Test Fee.

DUPLICATE

Name and address of the Candidate

Application Number

Particulars of the Demand Draft :

Name of the Bank : _____ DD No. : _____

Issuing Branch : _____ Date : _____

Amount _____

Received the Entrance Test fee as mentioned above.

Date :

Stamp

Accounts Clerk/Cashier

Application Form No

(To be enclosed alongwith Application form. Tick mark in appropriate Box)

How You Know About us...

1. How you know about our College

- a) Internet Advertising / Search
- b) News Paper Advertisement
- c) From relative & Friends

2. If you know about us through Internet Please specify

- a) Google Search
- b) Rediff.com
- c) Yahoo.com
- d) Sify.com
- e) Indiatimes.com
- f) Other Specify

3. If you know about us through News Paper Advertising Please specify

- a) Indian Express
- b) Enadu
- c) Dainik Bhaskar
- d) Dainik Lokmat
- e) H.T. Horizon
- f) The Tribune
- g) Vijay Karnataka
- h) Malyala Manorama

Date : / /2009

Signature of Candidate

(NAME : _____)

State : _____

IMPORTANT INSTRUCTIONS

- Use HB pencil to make all entries in the Answer Sheet. It is advisable to bring extra pencils.
- Rough work, if required should be done on the Test Booklet only.
- Write your Hall ticket No., Test Booklet Version and Test Booklet No in the appropriate places on the Answer Sheet. Darken the respective corresponding circles.
- Do not use any religious invocation or any writing that is not relevant to the answer.
- Stop marking the answers as soon as the warning bell at the closing time is rung.
- Return the Test Booklet and Answer Sheet to the Invigilator at the close of the Examination.
- Candidates are not allowed to take any books, notes, papers, cell phones, pagers and any other electronic gadget in the Examination Hall/Room.
- Candidates should not speak or communicate in any manner with any other candidate during the examination period. If he/she wants anything during the period of examination, he/she should approach the Invigilator without disturbing other candidates. However he/she should not leave the seat on any account.

Documents to be sent to the Controller of Examinations

1. Application Form duly filled in.
2. Original & Duplicate Hall Tickets alongwith receipts.
3. Demand Draft of Rs. 1000/- (refer paragraph No. 10.) OR Rs. 1500/- as the case may be.



Pravara Institute of Medical Sciences

Loni - 413736, Near Shirdi, Tal. Rahata, Dist. Ahmednagar, (MS) INDIA.

Tel.: +91-2422-273600, 273486 Ext. 1475 ● Fax : +91-2422-273442

E-mail-pravara@bam3.vsnl.net.in ● contact@mntpims.org

Home page : <http://www.pravara.com>

Cost of Prospectus & Application Form Rs. 500/-