



GOVERNMENT OF THE PUNJAB

**MEDICAL & DENTAL  
COLLEGES' ADMISSION  
TEST (MDCAT)  
2017**

**INFORMATION BOOKLET**



# University of Health Sciences Lahore

## 1. General Policy Guidelines

- 1.1 We advise you to please be aware of the following as you read this booklet:
- 1.1.1 This is the Official Admission Test Guide approved by the Government of the Punjab and contains definitive information regarding the test, its content and the rules and regulations which you are required to follow.
- 1.1.2 Candidates must follow the instructions strictly as given in the Information Bulletin and on the website. Candidates not complying with the instructions shall be summarily disqualified. While we cannot assist you if you fail to follow policy, we can certainly help you understand any requirements that are unclear to you.
- 1.1.3 Please remember that we do not endorse any commercially-available preparation courses for the Admission Test and we would advise you to be skeptical about anyone's claims to be able to help you do well in the test by coaching.
- 1.2 If you have any query about the processes and procedures, you may contact the University of Health Sciences (UHS), Lahore, during office hours. We shall not answer queries related to the contents of the test apart from what is given in this booklet.

### Chairman Admission Board

<b>Ph:</b>	+92-42-99231305-9
<b>UAN:</b>	+92-42-111-333-366
<b>Fax #:</b>	+92-42-99231212
<b>E-mail:</b>	<a href="mailto:info@uhs.edu.pk">info@uhs.edu.pk</a>
<b>Website:</b>	<a href="http://www.uhs.edu.pk">www.uhs.edu.pk</a>
<b>Postal address:</b>	Khayaban-e-Jamia-e- Punjab, Lahore, 54600, Pakistan

## 2. Introduction

- 2.1 The Medical / Dental College Admission Test is a standardized admission test which is mandatory for admission to MBBS and BDS programme in all public and private sector medical and dental institutions according to the regulations of Pakistan Medical and Dental Council (PM&DC). It is a two and a half hour (150 minutes) paper based test that is offered once a year. The test is administered by the University of Health Sciences (UHS), Lahore, on behalf of the Government of the Punjab. UHS is responsible for producing and marking the test, and also facilitating an extensive province-wise centre network at which the candidates can sit the test.

## 3. Weightage of the Test

- 3.1 In accordance with the regulations of Pakistan Medical and Dental Council (PM&DC), the merit of a candidate for the purpose of admission shall be worked out by adding the marks of different examinations in the following ratio:

<b>SSC or Equivalent</b>	-	<b>10%</b>
<b>HSSC/FSc Pre-Medical or Equivalent</b>	-	<b>40%</b>
<b>Admission Test</b>	-	<b>50%</b>

## 4. Test Date

- 4.1 *To be notified soon.*

## 5. Syllabus

- 5.1 The question papers for the Test shall be based on the syllabus approved by the Competent Authority. The syllabus is available on UHS website ([www.uhs.edu.pk](http://www.uhs.edu.pk)).

## 6. Pattern of Question Paper

- 6.1 The test shall consist of **one paper containing 220 multiple-choice questions (MCQs)** - four options with single best answer- divided into Four (04) sections, namely:
- (i) Biology (88 MCQs)
  - (ii) Chemistry (58 MCQs)
  - (iii) Physics (44 MCQs)
  - (iv) English (*General for language proficiency*) (30 MCQs)
- 6.2 The duration of Test shall be **150 minutes (2½ hours)**.
- 6.3 There shall be **Negative Marking** in the test. For each correct answer, five (05) marks will be awarded to a candidate and for each incorrect answer one (01) mark will be deducted from the total score. No mark will be deducted on not attempting a question.
- 6.4 In accordance with the regulations of PM&DC, there shall be **no pass marks** in the Admission Test, i.e., no candidate shall be declared pass or fail in the Test. Instead, total marks obtained by a candidate in the Test shall be declared.
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## 7. Who can Apply

- 7.1 The candidates having **domicile of any district of the Punjab and Federal Capital Area (Islamabad)** shall take the Admission Test of the Punjab. **For admission against Open Merit, Underdeveloped Districts and Disabled Students' seats, the Admission Test of Punjab is mandatory.**
- 7.2 The candidates of **Gilgit-Baltistan (Northern Areas)** shall appear in the Admission Test of the Punjab for admissions against seats reserved for them in Government Medical / Dental Institutes of the Punjab.
- 7.3 **Children of Overseas Pakistanis/Foreign students/Dual Nationals of Pakistani-origin** can appear in the Admission Test (If they have not passed SAT II/SAT Subject examination with a minimum score of 550 marks each in three science subjects of which two have to be Biology and Chemistry or American MCAT® with minimum aggregate score of 24 or 498), for admission to Medical / Dental Institutions against seats reserved for them under **Pakistan Technical Assistance Programme (PTAP) and Merit Seats for the Children of Overseas Pakistanis/ Dual Nationals of Pakistani-origin** in medical/dental colleges of the Punjab.

## 8. Age Limit

- 8.1 In accordance with the regulations of Pakistan Medical and Dental Council, there is no maximum or minimum age limit for appearance in Admission Test.

## 9. Required Academic Qualifications

- 9.1 The candidate has passed the Intermediate Science (HSSC/F.Sc.) Examination (Pre-Medical Group) securing at least **60% (660/1100)** unadjusted (excluding the marks of Hifz-e-Quran, etc.) marks from a Board of Intermediate and Secondary Education in Pakistan.
- OR*
- The candidate has passed any other examination (e.g., A-Level, American 12<sup>th</sup> Grade, I.B., etc.) of a foreign university or examining body, with the subjects of **Biology and Chemistry**, declared as compulsory by Pakistan Medical and Dental Council, and which, in scope and standard, is found equivalent, **upon certification by the Inter-Board Committee of Chairmen (IBCC), Pakistan**, to the Intermediate Science (HSSC/F.Sc.) of Pakistan, with at least **60% or 660/1100 marks**.
- 9.2 No extra credit shall be given for qualifications higher than HSSC or equivalent.
- 9.4 In case of foreign qualifications, the candidate must have passed HSSC equivalent examinations with the subjects of **Biology and Chemistry**. The study group mentioned by IBCC on his/her equivalence certificate shall have no effect on the eligibility for admission.
- 9.5 A candidate who has appeared in the qualifying examination, i.e., HSSC, 12<sup>th</sup> Grade or equivalent examination in the current year and whose result is still awaited, may apply and sit the said test but he/she shall not be eligible for admission to the MBBS or BDS, if he/she does not pass the qualifying

examination with the required percentage of marks as given in the Prospectus at the time of submission of Admission Form.

## 10. Centres for the Test

- 10.1 (A) **Southern Punjab**  
Multan, D.G. Khan, Bahawalpur and Rahim Yar Khan
- (B) **Central Punjab**  
Lahore, Faisalabad, Sahiwal, Gujrat, Sargodha, Sialkot and Gujranwala
- (C) **Northern Punjab**  
Rawalpindi and Hasan Abdal

## 11. How to Apply

### 11.1 Mode of Registration

*To be advertised soon*

## 12. Choice of city for the test :

The candidate can select one out of 13 cities from where he/she wishes to appear in the Admission Test.

## 13. Schedule

*To be advertised soon*

## 14. Test Day Procedures and Regulations

- 14.1. Before heading out to the test centre, the candidates must make sure that they have the proper address of the centre.
- 14.2. The test shall start at **09:00 a.m. sharp** on scheduled date. The candidates should reach their respective centres **one hour** (i.e. at 08:00 a.m.) before the commencement of the Test.
- 14.3. Test Centres shall be **sealed/closed at 08:15 a.m.** and **NO** candidate shall be allowed to enter the centre after that.
- 14.4. The Supervisory Staff shall search / check candidates into the examination hall one by one, according to their roll numbers, to begin the Test.
- 14.5. **The candidate must bring his/her Admittance Card and any other document as directed by the University at the centre on test day. No candidate shall be allowed to enter the test centre without these documents.**
- 14.6. The candidate shall maintain the seat assigned to him/her for the duration of the Test.
- 14.7. Candidates are **NOT** allowed to carry any textual material, printed or written, bits of paper, envelope or any other material except the roll number slip/admittance card and carbon copy of application form inside the examination hall.
- 14.8. Calculators, slide rules, log tables, geometry box, electronic digital watches, cellular phones, pagers or any other electronic gadget is **NOT** allowed inside the examination hall.

- 14.9. The candidates must store personal belongings, including telephones, pagers, books, handbags, and food in the secure area that will be provided for them. Candidates are advised to leave personal items at home on test day as neither UHS nor the centre superintendents shall be responsible for loss or damage to personal belongings.
- 14.10. **NO** candidate shall be allowed to leave the test centre until the test is over.
- 14.11. No candidate shall be allowed to use toilet facilities until at-least one hour after the commencement of the test.
- 14.12. **Candidates should not leave the examination hall without handing over the upper sheet of response form and their question paper to the invigilator on duty.**
- 14.13. Candidates are advised to bring with them a card board or a clip board. They should also bring their own blue ball point pens of good quality.
- 14.14. The test shall start exactly on time and an announcement to that effect shall be made by the centre supervisory staff.
- 14.15. A signal shall be given at the beginning of the examination and at half-time. A signal shall also be given before the closing time when the candidates must stop marking the responses.
- 14.16. The candidates must **sign twice on the attendance sheet** at the appropriate place. Firstly, immediately after the commencement of examination and secondly, while delivering the upper sheet of response form and the question paper.
- 14.17. For those who are unable to appear on the scheduled date of examination for any reason, re-examination shall **NOT** be held under any circumstances.
- 14.18. The following are **strictly prohibited actions** and will be treated as **unfair means practices**:
- *Giving or receiving assistance.*
  - *Giving false information in the application form.*
  - *Copying another examinee's work.*
  - *Using prohibited aids e.g., cell phones, calculators, palm tops and / or any other electronic equipment.*
  - *Attempting to take the test for someone else (impersonation).*
  - *Attempting to remove a leaf or a part of question paper.*
  - *Attempting to exchange your Question Paper or Response Form with some other candidate.*
  - *Attempting by any means to duplicate, record or copy test content.*
  - *Borrowing anything from other candidates during the test.*
  - *Creating a disturbance.*
  - *Leaving the test centre without permission.*
  - *Failing to follow the instructions of the supervisory staff at all times.*
  - *Manipulation & fabrication in documents viz. admittance card, etc.*
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- *Being in possession of fire-arms or drugs.*
- *Smoking in the examination hall.*
- *Forceful entry in Examination Hall with mala fide intentions.*
- *Smuggling out Question Paper or its part or smuggling out answer sheet or part thereof.*
- *Threatening any of the officials connected with the conduct of the test.*
- *Using or attempting to use any other undesirable method or means in connection with the examination such as influencing the staff with unfair means (e.g., bribe, gifts, threats, etc.) or canvassing directly or indirectly for gaining illegal benefit, etc.*

## 15. Punishment for Using Unfair Means Practice

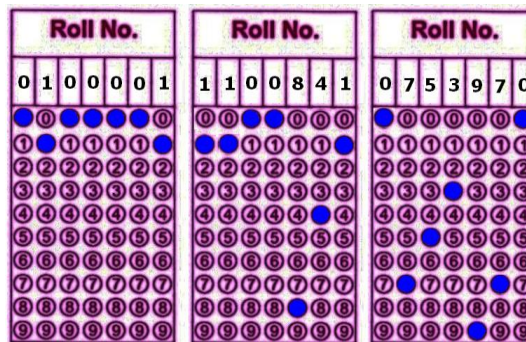
- 15.1. During the course of examination, before or later on, if a candidate is found indulged in any of the practices mentioned in 14.18, he/she shall be deemed to have used unfair practices and marked as **UNFAIR MEANS (UFM) CASE**. **Such a candidate shall be debarred from taking Admission Test for a period of 7 years and/or criminal proceedings may also be initiated against him/her.**
- 15.2. Parents / Guardians are advised to ensure that their ward should not indulge in unfair means activities / malpractices which breach the examination rules.

## 16. Before Attempting the Test

- 16.1. A few minutes before the commencement of the test each candidate will be given a MCQ Response Form to mark his/her answers.
- 16.2. On receipt of the MCQ Response Form, the candidate will carefully read the instructions printed on it and accordingly fill his/her Roll Number, enter his/her particulars and put his/her signatures on the Response Form.
- 16.3. At exactly 9.00 a.m., the Question Papers will be distributed. The first and the last page of the Question Paper will contain important instructions for the candidates. The candidates are advised to carefully read and strictly follow these instructions.
- 16.4. On receiving the Question Paper, the candidate is required to immediately enter his/her Roll Number and put his/her signatures on the Question Paper at the designated space only.
- 16.5. It shall be the sole responsibility of the candidate to check the question paper before attempting to answer any question. Where a question paper has any missing page, blank page, missed question or damaged or defaced page, it shall be the responsibility of the concerned candidate to bring it into the notice of the concerned invigilator and get it replaced by a new paper of the same colour code immediately after the start of the test. The question paper must have 220 questions. No complaint in this regard shall be entertained after 30 minutes from the start of the test.

### 17. How to Fill Roll Number on the Response Form

17.1. The candidate shall fill his / her roll number on the Response Form in the following manner :



17.2. The candidates are advised to fill in the Response Form so that there is no mistake at the time of the Test. candidates are advised practice at home how to their roll numbers on their roll numbers on the Response Form so that there is no mistake at the time of the Test.

### 18. MCQ Response Form

- 18.1. The test is to be answered on a specialized, double-sheeted, pre-printed and bar-coded Response Form.
- 18.2. The candidate shall answer the test by filling the circles on the upper coloured sheet with a **blue ball point pen** only. The impression of the circle filled on the upper sheet will be automatically transferred to the lower carbonized sheet.
- 18.3. The candidate is NOT allowed to detach the two sheets of response form before the test is over.
- 18.4. Don't fold or tear the response form. Each candidate shall be issued only one response form.

### 19. To Enter Your Question Paper ID

- 19.1. To avert cheating during the Test, there shall be Question Paper with different colour codes in which the questions and their responses are shuffled.
- 19.2. The Question Paper code of each candidate will be defined by an Identity Question (Q-ID) which will be the first Question and that shall be **COMPULSORY** for every candidate to answer.
- 19.3. The correct answer to the first question (Q-ID) is already given in bold, underlined and highlighted for the convenience of the candidate. The candidates are only required to fill the correct circle in the Response Form against the first row of circles marked as ID as indicated below:

**Q-ID. What is the color of your Question Paper?**

- A) Orange.**
- B) Red.
- C) Brown.
- D) Purple.

**Ans: Color of your Question Paper is Orange. Fill the Circle corresponding to letter 'A' against 'ID' in your MCQ response form (Exactly as shown in the**

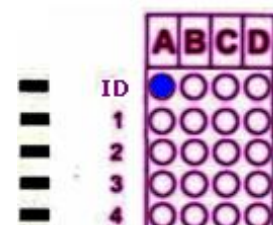




diagram).

- 19.4. Failure to fill the ID properly as per the instructions shall lead to incorrect evaluation of the Response Form for which the University shall not be responsible.

## 20. Important Instructions for Marking the Responses

- 20.1. Response Form once issued shall not be changed on account of any mistake of the candidate.
- 20.2. Use blue ball point pen only to fill the appropriate circle on the Response Form.
- 20.3. Answers marked with pencil or marker would **NOT** be evaluated.
- 20.4. Marks should be dark and should **completely fill the circle**.
- 20.5. **Fill only one circle for each entry** as the answer once marked is not liable to be changed.
- 20.6. A lightly or faintly filled circle will be treated as a wrong method of marking and will be rejected by the Optical Mark Reader.
- 20.7. Make the marks only in the space provided.
- 20.8. The candidates should not mark answers on the Question Paper.
- 20.9. There will be four (04) responses for each of the question numbering 1 to 220 in the test. The candidate will indicate his / her response to the question by filling the appropriate circle completely with blue ball point pen. For example, if question number 1 in the question paper reads as follows:

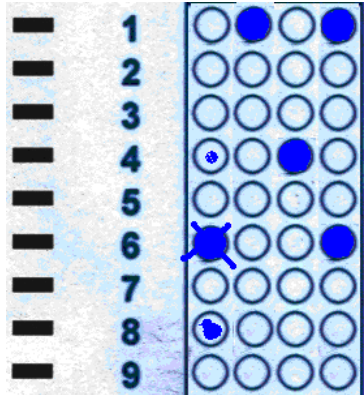
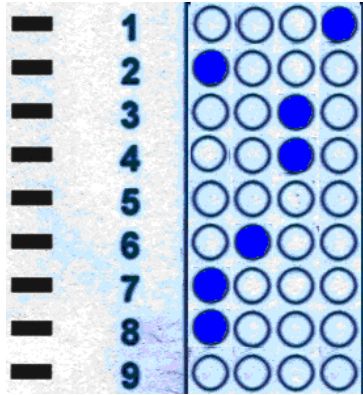
- Q.1. The branch of Biology which deals with the study of use of living organisms, systems and processes for the benefit of people is called*
- A) Environmental Biology                      B) Biotechnology  
C) Social Biology                                D) Microbiology

The correct response to this question is (B). The candidate will locate Question Number 1 in the Response Form and fill the circle (B) as shown below :

	ID	A	B	C	D
■	1	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
■	2	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
■	3	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
■	4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
■	5	<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"/>
■	7	<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"/>
■	9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
■	10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
■	11	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
■	12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
■	13	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
■	14	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

- 20.10. If the candidate does not want to attempt any question, he/she is advised not to fill any circle given against that question number.
- 20.11. The candidates must fully satisfy themselves about the accuracy of the answer before filling the appropriate circle as **no change in answer once marked is allowed**. Use of eraser or white fluid on Response Form is **NOT** permissible as the Response Forms are machine readable and it may lead to wrong evaluation.

## 21. Wrong / Correct Way of Marking

Wrong Way of Marking	Correct Way of Marking
	

## 22. Scoring and Negative Marking

- 22.1. Total marks of the Test are **1100**. Each question carries 05 marks. **For each correct response the candidate will get 05 marks.**
- 22.2. For each incorrect response **one mark will be deducted** from the total score.
- 22.3. No deduction from the total score will, however, be made if no response is indicated for a question in the response form.
- 22.4. More than one answer indicated against a question will be deemed as **incorrect response** and will be negatively marked.

**23. Rough Work**

- 23.1. Rough work must **NOT** be done on the Response Form. It should be done at the end of the Question Paper.

**24. At the End of the Test**

- 24.1. When the instructor says STOP, the candidates must stop writing and turn over their questions papers and response forms.
- 24.2. The candidate shall first return the upper, coloured sheet of Response Form and then the Question Paper to the invigilation staff and take the lower, carbonized sheet with him / her.
- 24.3. The response form and the question paper should be returned **separately** to the supervisory staff at the end of the test.
- 24.4. The candidates should remain seated till all the response forms and the question papers have been collected from the candidates.
- 24.5. The candidates must ensure that they have returned the upper, coloured part of the response form and the question paper to the invigilator. Failure to comply will lead to automatic disqualification of the candidate.

**25. Aptitude and Feedback**

- 25.1. At the end of the Test, the candidates shall be required to answer some questions of **Aptitude** and **Feedback**. There shall be **extra 30 minutes** and candidates will be provided separate question paper and response form for this purpose. It is compulsory for all candidates to attempt these questions, which shall have **NO WEIGHTAGE** in the Admission Test score.

**26. Self-Scoring System (SSS)**

- 26.1. The university will display the answer keys to the question papers of all the codes on its website [www.uhs.edu.pk](http://www.uhs.edu.pk) within 12 hours after the test. The keys shall also be published in all major national dailies.
- 26.2. Once the keys are released, the candidates can calculate their score themselves on the carbonized copy of response form with the help of concerned key.
- 26.3. The official result of the Admission Test shall be declared by the University as soon as possible. It shall be displayed on the university website [www.uhs.edu.pk](http://www.uhs.edu.pk).

**27. Rules regarding Complaints and Re-Checking**

- 27.1. Should a candidate wish to query a particular question on the day of the test, he/she should alert the Centre Superintendent to his/her concern and submit a

written note before he/she leaves the test centre. Your query will be reviewed by the University and you will be notified of the outcome within four to two weeks.

- 27.2. The candidate having any complaint regarding the calculation of marks may lodge a written complaint within **15 days after the declaration of official result** of the Admission Test. No complaint shall be entertained before or after that.
- 27.3. The machine-gradable Response Forms are evaluated with extreme care and are repeatedly scrutinized. There is **no provision of re-evaluation or re-marking**. No request in this regard shall be entertained.
- 27.4. It is **NOT** possible to give special consideration for impaired performance on the day of the test caused by illness or other unexpected personal situation.
- 27.5. Admission Test question paper being an integral part of MCQ Bank, shall **NOT** be provided, under any circumstances, for inspection to the candidate or any other person after the test.

## 28. Result Cards

- 28.1. As soon as the official result of the Admission Test is declared, a link would appear on the home page of the university website ([www.uhs.edu.pk](http://www.uhs.edu.pk)). On clicking the link, the candidate will be directed to the Admission Test page. The candidate should enter his/her roll number to access the result information page. This page contains a print option to get paper prints of the computer generated result card. These computer generated result cards do not need official signatures. **The university shall not dispatch any formal result cards to the candidates.**

## 29. Validity of Test Scores

- 29.1. Admission Test scores are valid for **one year** only. This means that candidates shall have to pass the test of the year in which they are applying for the admission.

## 30. Number of Chances

- 30.1. There is **NO** restriction whatsoever on the number of times a candidate may appear in the Admission Test except for those who have been debarred from appearing in the test on resorting to any unfair /fraudulent means or cunning stratagem of impersonation.

## 31. General

- 31.1. It is expected that the candidates shall be sincere, honest and responsible in their activities pertaining to appearance in the test and shall not adopt any unfair / fraudulent / cunning means. However, the candidates herein are sternly warned not to resort to any unfair /fraudulent means or cunning stratagem of impersonation. In case a candidate is found taking course to such acts /
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stratagem, not only his/her test shall be cancelled, he/she shall also be debarred from appearing in the Admission Test for a period of 7 years and criminal prosecution may also be launched against such candidate.

- 31.2. Any issue not dealt here-in above will be dealt with, when arising, fully and finally by the Chairman Admission Board. In case of any ambiguity in interpretation of any of the instructions/terms/rules/criteria regarding determination of eligibility/conduct of examination/registration of candidates/information contained therein, the interpretation of the University shall be final and binding.