

# PANJAB UNIVERSITY CHANDIGARH



(Established under the Panjab University Act VII of 1947- Enacted by the Government of India)

## **PROSPECTUS**

### ***PUMEET-2020***

***ENTRANCE TEST TO BE HELD***

***ON 31-05-2020 (Sunday)***

***10:00 a.m. To 11:40 a.m.***

**For Admission to 2<sup>nd</sup> year of B.E./B.Tech courses of:**

- Dr. SSB University Institute of Chemical Engineering & Technology, Panjab University, Chandigarh
- University Institute of Engineering & Technology, Panjab University, Chandigarh
- University Institute of Engineering & Technology, Panjab University Swami Sarvanand Giri, Regional Centre, Bajwara, Hoshiarpur.

**Eligibility:** The candidates who have pursued B.E. (First Year) from any Engineering Institute / University (including those already studying in engineering institutes of Panjab University Campus(es) or its affiliated institutes) recognized by Panjab University, Chandigarh with minimum aggregate of 60% marks and have appeared in JEE examination in previous session (JEE Main - 2019) are eligible to appear in this test.

**Last date for submission of information on the website to generate the Bank Challan: 16-05-2020**

**Website:** <http://pumeet.puchd.ac.in>

**FEE (Non-refundable):**

General Category Rs. 2500/-

SC/ST/PwD Category Rs. 1250/-

## PANJAB UNIVERSITY ANTHEM

<p>तमसो मा ज्योतिर्गमयः तमसो मा ज्योतिर्गमयः तमसो मा ज्योतिर्गमयः तमसो मा ज्योतिर्गमयः पंजाब विश्वविद्यालय तेरी शान-ओ-शौकत सदा रहे मन में तेरा आदर मान और मोहब्बत सदा रहे पंजाब विश्वविद्यालय तेरी शान-ओ-शौकत सदा रहे तू है अपना भविष्य विधाता पंख बिना परवाज़ सिखाता जीवन पुस्तक रोज़ पढ़ा कर सही गलत की समझ बढ़ाता जीवन पुस्तक रोज़ पढ़ा कर सही गलत की समझ बढ़ाता तेरी जय का शंख बजायें रौशन तारे बन जायें वखरी तेरी शोहरत तेरी शोहरत सदा सदा रहे पंजाब विश्वविद्यालय तेरी शान-ओ-शौकत सदा रहे पंजाब विश्वविद्यालय तेरी शान-ओ-शौकत सदा रहे तमसो मा ज्योतिर्गमयः तमसो मा ज्योतिर्गमयः</p>	<p>Tamso ma jyotirgamaya Tamso ma jyotirgamaya Tamso ma jyotirgamaya Tamso ma jyotirgamaya Panjab vishaw vidyalaya Teri shaan-o-shauqat sada rahe Mann mein tera aadar maan Aur mohabbat sada rahe Panjab vishaw vidyalaya Teri shaan-o-shauqat sada rahe Tu hai apna bhavishya vidhata Pankh bina parwaaz sikhata Jeevan pustak roz padha kar Sahi galat ki samajh badhata Jeevan pustak roz padha kar Sahi galat ki samajh badhata Teri jai ka shankh bajayein Roshan tare ban jaayein Vakhari teri shohrat Teri shohrat sada sada rahe Panjab vishaw vidyalaya Teri shaan-o-shauqat sada rahe Panjab vishaw vidyalaya Teri shaan-o-shauqat sada rahe Tamso ma jyotirgamaya Tamso ma jyotirgamaya</p>
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**SCHEDULE FOR ENTRANCE TEST AND ADMISSION  
PUMEET-2020**

1	Date of Availability of PUMEET Prospectus and Online Entrance Test Form at <a href="http://pumeet.puchd.ac.in">http://pumeet.puchd.ac.in</a>	20-04-2020 (Monday)
2	Last date for submission of information on the website for generation of the Bank Challan	16-05-2020 (Saturday)
3	Last date for deposit of fee in any branch of State Bank of India (SBI) using website generated challan	19-05-2020 (Tuesday) upto 4:00 p.m.
4	Last date for uploading of photograph, signature with rest of the information on the website	21-05-2020 (Thursday)
5	<b>Final date by which Roll No. will be available online</b> Admit Card will be available for downloading from the website by the candidate using his/her own Login ID and Password provided while generating Bank Challan. <b>The candidates will be communicated through email only for this purpose.</b>	27-05-2020 (Wednesday)
6	Candidates who have not completed their form but have paid their requisite fee, can complete their form by paying late fee of Rs. 500/-	28-05-2020 (Thursday)
7	Date & time of holding Entrance Test	31-5-2020 (Sunday) 10:00 am to 11:40 am
8	Centre for the Entrance Test	Chandigarh
9	Uploading of Answer key (at <a href="http://exams.puchd.ac.in/show-noticeboard.php">http://exams.puchd.ac.in/show-noticeboard.php</a> ) and inviting Objections (through e-mail only to <a href="mailto:arcet@pu.ac.in">arcet@pu.ac.in</a> )	03-06-2020 (Wednesday)
10	Last date for submission of objections to the Answer Key	05-06-2020 (Friday)
11	Uploading of the response to the Objections and inviting Cross-objections (through e-mail only)	08-06-2020 (Monday)
12	Last day of submission of Cross-objections to the Answer Key	10-06-2020 (Wednesday)
13	Date of Declaration of Result	12-06-2020 (Friday)
14	Date of availability of Admission Form for Dr. SSBUI CET, UIET, Chandigarh and UIET, PUSSGRC, Hoshiarpur	15-06-2020 (Monday)
15	<b>Dates of Counselling</b>	
	<b>1<sup>st</sup> Counselling</b>	
	<b>Date and Time for Reporting-cum-Registration for 1<sup>st</sup> Counselling*</b>	<b>04-08-2020 (Tuesday)</b>
	<b>2<sup>nd</sup> Counselling</b>	<b>06-08-2020 (Thursday)</b>
	<b>Reporting for classes in the allotted institute</b>	<b>10-08-2020 (Monday)</b>
16	Fees	
	Counselling Fees	Bank Draft Rs.1,200/- in favour of Registrar, Panjab University, Chandigarh payable at Chandigarh
	Admission Fees	Bank Draft Rs.20,000/-** in favour of Registrar, Panjab University, Chandigarh payable at Chandigarh ** Balance fees required to be deposited in the allotted Institute as per the fee structure of the respective Institute
	Sports Candidate	Candidates applied under Sports Category deposit their Admission form to Prof. J. K. Goswamy, Admission In-charge PUMEET-2020, Lab No. 316, Second Floor, Academic Block-II, UIET, Panjab University, South Campus, Sector 25, Chandigarh by 30-07-2020 upto 4:00 p.m.

\* Venue for Counselling: Seminar Hall, UIET, Block-I, P.U., Sector 25, Chandigarh

**Note: Applying for Entrance Test and taking the Test do not entitle a candidate for admission. For admission to PUMEET based programme being offered by Dr SSBUI CET, UIET, PU, Chandigarh and UIET, PUSSGRC, Hoshiarpur, candidate has to submit Admission Form at the time of counselling. Admission Form and Scrutiny Form will be available at <http://pumeet.puchd.ac.in> on 15-06-2020 (Monday).**

## IMPORTANT NOTES

1. The Fee for Panjab University Migration Engineering Entrance Test (PUMEET) is Rs. 2500/- (Rs. 1250/- for SC/ST/PwD). The fee for the Entrance Test once paid shall not be refunded.
2. Candidate availing concession in the fee under category SC/ST/PwD or Class B/C Regular Employee of PU must send the copy of printout of their Entrance Test Form along with Performa for claiming 50% concession to P.U. Regular Employees ("B" and "C" Class) duly signed by Head/Chairperson to Assistant Registrar, CET Cell, Aruna Ranjit Chandra Hall, Panjab University, Chandigarh-160014 by registered post/speed post or by hand on or before **25-05-2020 (Monday)** upto 4:00 p.m.
3. The Entrance Test will be of **100 marks** consisting multiple-choice questions, there shall be negative marking for wrong answers i.e.  $\frac{1}{4}$  marks will be deducted for wrong answers and for each correct answer 1 mark is to be awarded.
4. Qualifying an Entrance Test does not entitle a candidate to seek admission in a course. The candidate will have to fill up and submit an Admission Form and has to meet the eligibility requirements of the course.
5. The result of the Entrance Test will be available at <http://results.puchd.ac.in>. No separate Result Cards will be issued.
6. The University will publish common Merit cum rank list. Rank will be awarded on the basis of marks obtained in PUMEET exam to all the candidates on the basis of attainment of a minimum 15% for General Category and 10% in case of candidate belonging to SC/ST/PwD/BC of aggregate of maximum marks in the entrance test taken as a whole.
7. The candidates who have pursued B.E. (First Year) from any Engineering Institute / University (including those already studying in engineering institutes of Panjab University Campus (es) or its affiliated institutes) recognized by Panjab University, Chandigarh with minimum aggregate of 60% marks and have appeared in JEE examination in previous session (JEE Main – 2019) are eligible to appear in this test.
8. Candidates securing equal marks shall be bracketed together. Their **inter-se** merit will be determined by the Institution in accordance with the following criteria:
  - (i) A candidate getting higher percentage of marks in the qualifying examination (B.E./B.Tech. 1<sup>st</sup> & 2<sup>nd</sup> Sem.) shall rank higher in order of merit.
  - (ii) That if the marks in qualifying examination are also the same then the candidates obtaining more marks in the immediate lower examination (i.e. 10+2), shall rank higher in order of merit.
  - (iii) That if two or more candidates secure equal marks in (i) & (ii) above, candidate senior in age shall rank higher in the order of merit.
9. **Migration Fee:** A sum of Rs. 50,000/- as Migration Fee shall be charged from the admitted candidate who is migrated from Institutes/Universities other than Panjab University.

**Faculty members are available for consultation and guidance of students from 3:00 P.M to 4:00 P.M on working days.**

## **Eligibility Conditions, Scheme of Tests, Merit Criteria**

### **Eligibility Conditions**

The candidates who have pursued B.E. (First Year) from any Engineering Institute / University (including those already studying in engineering institutes of Panjab University Campus (es) or its affiliated institutes) recognized by Panjab University, Chandigarh with minimum aggregate of 60% marks and have appeared in JEE examination in previous session (JEE Main - 2019) are eligible to appear in this test.

### **Scheme of Test**

The duration of the Entrance Test will be one hour and forty minutes and it will consist of 100 multiple-choice questions of one mark each. The syllabus will be based broadly on the course contents as provided in the Prospectus. There will be negative marking for wrong answers ( $\frac{1}{4}$  marks will be deducted). The subject wise distribution of questions is depicted below:-

Mathematics	30
Physics	20
Chemistry	20
General Engineering	20
Communication Skills	10

### **Merit Criteria**

There will be 15% cut off marks for General category and 10% cut off marks for SC/ST/PwD/BC category in the PUMEET entrance test. The University will publish common Merit cum rank list. Rank will be awarded on the basis of marks obtained in PUMEET exam to all the candidates. Branch and Institute will be finalized at the time of admission as per the availability of seats strictly on basis of merit and eligibility conditions.

## **INFORMATION REGARDING SEATS**

**Seats available at University Institute of Engineering & Technology (UIET), Panjab University, Chandigarh**

Sr. No.	Category	B.E. (Electrical & Electronics Engineering) Vacant Seats: 07	B.E. (Electronics & Communication Engineering) Vacant Seats: 14	B.E. Information Technology Vacant Seats: 04	B.E. (Mechanical Engineering) Vacant Seats: 10	B.E. (Biotechnology) Vacant Seats: 18	B.E. (CSE) Vacant Seats: 04
1.	General (53.5%)	05	07	03	05	10	03
2.	SC (15%)	01	02	01	02	03	01
3.	ST (7.5%)	01	01	0	01	01	0
4.	BC (5%)	0	01	0	01	01	0
5.	PwD (5%)	0	01	0	01	01	0
6.	Defence (5%)	0	01	0	01	01	0
7.	Sports (5%)	0	01	0	01	01	0
8.	Freedom Fighter (2%)	0	0	0	0	0	0
9.	Riot Victim / Terrorist Victim (2%)	0	0	0	0	0	0

**Seats available at DR. SSB University Institute of Chemical Engineering & Technology (UICET), Panjab University, Chandigarh**

Sr. No.	Category	B.E. (Chemical) Vacant Seats: 04	5 Year Integrated B.E. (Chemical)- MBA Vacant Seats: 04	B.E. (Food Technology) Vacant Seat: 04
1.	General	03	03	03
2.	Scheduled Castes	01	01	01
3.	Scheduled Tribes	0	0	0
4.	Backward Classes	0	0	0
5.	Persons with Disability (PwD)	0	0	0
6.	Sports	0	0	0
7.	Defence	0	0	0
8.	Terrorist / Riot Victim	0	0	0
9.	Freedom Fighter	0	0	0

**Seats available at UIET Panjab University Swami Sarvanand Giri Regional Centre, Hoshiarpur**

Sr. No.	Category	ECE Vacant Seats: 09	CSE Vacant Seats: 03	Mech. Vacant Seats: 27	IT Vacant Seats: 11
1.	General (53.5%)	07	03	15	06
2.	SC (15%)	01	0	04	02
3.	ST (7.5%)	01	0	02	01
4.	PwD (5%)	0	0	01	01
5.	BC (5%)	0	0	01	01
6.	Sports (5%)	0	0	01	01
7.	Defence (5%)	0	0	01	01
8.	Terrorist / Riots Victim (2%)	0	0	01	0
9.	Freedom Fighter (2%)	0	0	01	0

# **UNIVERSITY INSTITUTE OF ENGINEERING & TECHNOLOGY, PANJAB UNIVERSITY, CHANDIGARH**

## **ABOUT THE INSTITUTE**

UIET was established by Panjab University as a constituent institute in 2002. With the vision to be the front runner in engineering education and research, the mission of University Institute of Engineering and Technology (UIET) is to produce professionally competent students for career in engineering and technology by providing value-based quality education. It offers four years Bachelor of Engineering (B.E), two years Master of Engineering (ME) and full time Ph.D in Biotechnology, Computer Science and Engineering, Information Technology, Electrical and Electronics, Electronics and Communication and Mechanical Engineering. It also offers eight post graduate programs in Biotechnology, Computer Science and Engineering, Information Technology, Electrical, Electronics and Communication, Mechanical Engineering, Microelectronics and Material Science & Technology. Five UG Programs offers are namely Biotechnology, Computer Science and Engineering, Electrical and Electronics, Electronics and Communication and Mechanical Engineering are NBA accredited. UIET has MOUs with industry leaders and academia like Infosys, Spice Digital Limited, PGIMER, CSIO, C-DAC, the University of Western Australia, NTU UK, IIT Kanpur, IIT Roorkee etc.

The faculty is involved in various sponsored research projects at the national and international level. Sponsored research projects are from different agencies like DIT, AICTE, DST, Department of Biotechnology Welcome Trust, Ministry of Electronics & Information Technology, etc.

The Institute is receiving grants under TEQIP-III, a World Bank project. The institute has Design Innovation Centre (DIC) which is an initiative of Ministry of Human Resource Development (MHRD), Government of India.



## **Dr. S.S. BHATNAGAR UNIVERSITY INSTITUTE OF CHEMICAL ENGINEERING & TECHNOLOGY**

### **ABOUT THE INSTITUTE**

Dr. S.S. Bhatnagar University Institute of Chemical Engineering and Technology, Panjab University, Chandigarh ([http:// www.uicet.puchd.ac.in](http://www.uicet.puchd.ac.in)) is a premier Institute in Northern India imparting quality education in Chemical Engineering, Food Technology and allied areas. Institute is currently running the courses in B.E. (Chemical Engineering), B.E.(Food Technology), Integrated B.E. (Chemical Engineering)-MBA, M.E. (Chemical Engineering), M.Tech. (Polymer), M.E. (Food Technology), M.Sc. (Industrial Chemistry) and M.E. (Chemical with specialization in Environmental Engineering). The faculty of the institute is involved in guiding students under Faculty of Engineering & Technology to pursue their research leading to award of Ph.D. degree. The Institute was set up in 1958 in collaboration with Illinois Institute of Technology, Chicago, USA and continues to maintain global standards of excellence in education and research. The Institute has attained status of eminence in academia, R&D within India and abroad. Over the years, the Institute have been bestowed with research grants from premier funding agencies like DST, AICTE, UGC, DRDO, MOFPI, CSIR, TEQIP-III, etc. The faculty works in collaboration with Industry, Research Organizations and Statutory Bodies contributing extensively towards high quality research.

## **UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY (UIET), PUSSGRC, HOSHIARPUR**

Keeping with its long tradition of pursuing excellence in teaching and research, Panjab University, Chandigarh established a Regional Centre in the Kandi area of Punjab to cater to the academic needs of the rural students of the region. Earlier known as Swami Sarvanand Giri Regional Centre, this campus was renamed as Panjab University Swami Sarvanand Giri Regional Centre in the year 2011. Spread in picturesque environment near Shivalik foothills, the centre is a landmark donation of infrastructure spread in 10.86 acres of lush green area in the land of saints (Hoshiarpur) by Late Dr. Lajpat Rai Munger. The Centre was started with an aim to provide innovation and pre-eminence in the fields of Engineering and Research, conforming to the standards of Panjab University, Chandigarh. The Centre has been reinstated with several branches like University Institute of Engineering and technology (UIET), Department of Computer Science and Applications (DCSA) and University Institute of Legal Studies (UILS).

UIET, Hoshiarpur offers Graduate Engineering programs in four branches i.e. Computer Science and Engineering (CSE), Electronics and Communication Engineering (ECE), Information Technology (IT), and Mechanical Engineering (ME). The institute has well qualified faculty committed to both academics and research. Some of the faculty members have DST/CSIR funded/sponsored research projects. The centre has well equipped infrastructure, self-sufficient state-of-the-art laboratories and workshops. The secured campus offers hostel accommodation for both boys and girls with Wi-Fi facility, Health Centre, Cafeteria, 170 Mbps leased line Internet Connectivity, buses for transportation, 24 hours uninterrupted power supply through hotline etc. Apart from academics, UIET PUSSGRC also promotes interaction of students and faculty with the experts from industries and other organizations through National level conferences, symposiums, seminars, short term courses and workshops on regular basis. The department also has a rich collection of library books with latest edition.

The institute has commendable placement record with students getting placed in reputed companies like Infosys, Infogain, Tech Mahindra, FCS Technologies, Aricent, Cognizant, IBM, HP, L&T, SML ISUZU and others. The campus has a proud alumni serving at good positions in various renowned organizations in India and abroad. Further, UIET has MOU with Infosys for Campus Connect Program, Centre Institute of Hand tools, Jalandhar and Industry Institute Partnership with local Industries.

For channelizing the energy of the students, the campus also offers NSS, NCC, Gymnasium and all other necessary sports amenities. It also houses an air conditioned auditorium with a seating capacity of more than 300 persons for academic and cultural activities.

### **LIST OF DOCUMENTS REQUIRED**

1. On the scheduled date of reporting, bring duly filled-in Scrutiny Form (available in PUMEET website) and three recent passport size (5 cm x 4 cm) photographs.
2. Bring the original documents and one set of self-attested photocopies of all the documents.
3. Arrange original documents and their self-attested photocopies in the following order:
  - a) PUMEET Result card 2020
  - b) JEE Main Result Card 2019
  - c) Class 10<sup>th</sup> Certificate.
  - d) Class 12<sup>th</sup> Certificate
  - e) Character Certificate from the Institute last attended.
  - f) Detail Mark Certificates of 1<sup>st</sup> and 2<sup>nd</sup> Semester (Engg. courses)
  - g) Migration Certificate for Institutions other than P.U.
  - h) SC/ST Certificate (wherever applicable) SUB APPENDIX B1
  - i) BC Certificate SUB APPENDIX B2 and Undertaking SUB APPENDIX B2 (A)
  - j) Certificate for Defence Category SUB APPENDIX B3
  - k) Certificate for Dependants of Riot/Terrorist Victims SUB APPENDIX B4
  - l) Certificate for Children/Grandchildren of Freedom Fighters SUB APPENDIX B5
  - m) Person with Disability (PwD) Certificate Sub Appendix C 2 (Form I-V)
  - n) Undertaking for Achievements in Sports ANNEXURE I
  - o) Undertaking for Attendance in Sports Ground ANNEXURE II
4. At the reporting venue, sign your attendance in the list kept at the Attendance Desk.
5. When called upon, go to the Scrutiny Desk and get your documents scrutinized. Hand over the Scrutiny Form along with self-attested photocopies to the Scrutiny Desk official and collect the Allotment Slip.
6. After the issuance of Allotment Slip, candidate is required to deposit the Bank Draft of Admission Fees.

# **APPENDIX A**

## **GUIDELINES FOR GENERAL / RESERVED CATEGORY**

All these Guidelines in Appendix A, B and C are reproduced from “Handbook of Information”. Please see Handbook of Information-2020 for complete information and updates.

### **IMPORTANT NOTE:**

Admission in all categories shall be made subject to fulfillment of the eligibility conditions and in accordance with the provisions contained in the Handbook of Information and Rules for Admission, 2020.

#### **I. Seats: General and Reserved**

- 1) 53.5% of the seats in each course shall be treated as belonging to the General Category.
- 2) 46.5% seats shall be treated as belonging to the Reserved Category, as per details given below :
  - (i) 15% for candidates belonging to the Scheduled Castes.
  - (ii) 7.5% for candidates belonging to the Scheduled Tribes.
  - (iii) 5% for candidates belonging to the Backward Classes

Provided that the reservation in (i) and (ii) can be inter-changeable, i.e. if sufficient number of applicants is not available to fill up the seats reserved for Scheduled Tribes, they may be filled up by suitable candidates from Scheduled Castes, and vice versa.

The above reservation shall be subject to the following conditions:

- a. the number of students admitted on merit of General Category shall not be included in the number of seats reserved;
  - b. members of Scheduled Castes / Scheduled Tribes/ Backward Classes shall be allowed a concession of 5% marks for admission to the courses in which a certain percentage of minimum marks has been prescribed provided they have obtained minimum pass marks prescribed by the regulations;
  - c. in case the seats earmarked for Scheduled Castes/Scheduled Tribes remains unfilled, a further relaxation in marks may be given, in order of merit inter-se amongst the candidates themselves, so that all the reserved seats are filled by candidates belonging to these categories; and
  - d. a Scheduled Caste/Scheduled Tribe person on migration from the State of his origin will not lose his status as Scheduled Caste / Scheduled Tribe but he/she will be entitled to the concessions/benefits admissible to the Scheduled Castes / Scheduled Tribes from the State of his origin and not from the State where he has migrated. [Regulation 29.1, P.U. Cal. Vol. 1, 2007 (Page 168)].
- (iv) 5% seats will be horizontally reserved for persons or class of Persons with Disability (Pw D)\* out of which 1% each shall be reserved for persons suffering from the disabilities specified under the RPWD 2016 Act:

#### **A) Physical Disability**

- I. Locomotor disability
  - i) Leprosy cured persons
  - ii) Cerebral palsy
  - iii) Dwarfism
  - iv) Muscular dystrophy
  - v) Acid attack victims
- II. Visual Impairment
  - i) Low Vision
- III. Hearing Impairment
  - i) Deaf
  - ii) Hard of Hearing
- IV. Speech and language disability

#### **B) Intellectual disability**

- i) Specific learning disabilities
- ii) Autism spectrum disorder

\* Claimant in this category should be capable of pursuing the course for which the admission is sought. The Persons with Benchmark Disability (as per section 2 (r) of the Rights of Persons with Disabilities [RPWD] Act 2016 should have a minimum of 40% disability duly certified by the Medical Board of District/State/UT/Medical Institution of National Importance. Such certificate shall be further certified by the Medical Board of the Panjab University Health Centre.

**C) Mental behavior (Mental Illness)**

**D) Disability caused due to**

- I. Chronic neurological conditions due to:
  - (i) Multiple sclerosis
  - (ii) Parkinson's disease
- II. Blood Disorder
  - (i) Haemophilia
  - (ii) Thalassemia
  - (iii) Sickle Cell disease

**E) Multiple Disabilities (Deaf Blindness)**

**F) Any other category as may be notified by the Central Government (the Schedule of RPWD Act 2016).**

- a) If 5% of reservation of seats comes to 0.5 to 0.9, it shall be treated as one seat. However, if after calculating seats on the basis of 5%, the number of seats is divisible by 5, equal distribution of seats will be made for all the five categories. If after the division, any remainder is left, it shall be distributed on the basis of inter-se merit amongst all the five categories. If the seats after calculating on the basis of 5% comes to less than 5 it shall be distributed on the basis of inter-se merit amongst all the five categories.
- b) In the absence of availability of candidates in any of the categories, the seats shall be interchanged inter-se.
- c) If seats reserved for Persons with Benchmark Disabilities remained unfilled, these shall be treated in the sanctioned strength of seats for General Category.

Applicants under the Reserved Category of Persons with Benchmark Disabilities shall be allowed a relaxation of 5% marks for calculation of merit in seeking admission to the courses in which a certain percentage of minimum marks has been specified, provided they have obtained minimum pass marks prescribed by the University regulations.

The candidate under the Reserved Category of Persons with Benchmark Disabilities shall be allowed an upper age relaxation of 5 years for admission, in the courses wherever upper age restriction is applicable. A claimant who fraudulently avails or attempts to avail any benefit meant for persons with benchmark disability shall be punishable with imprisonment for a term which may extend to 2 years or with fine which may extend to one lakh rupees or with both.

(v) 5% on the basis of achievement in Sports (see separate guidelines on Appendix D).

(vi) 5% for candidates belonging to Defence (for all the under-mentioned categories taken together) for candidates who fall in one of the following categories (which are given there in order of precedence) :-

1. Son/Daughter/Spouse of such Defence personnel and CAPF personnel<sup>1</sup> who died in action. (Only those who were wholly dependent on such personnel shall be considered).
2. Son/Daughter/Spouse as are wholly dependent on such Defence Personnel and CAPF Personnel who were incapacitated<sup>2</sup>/died while in service.
3. Defence and CAPF personnel who were incapacitated while in service.
4. Son/daughter/spouse of ex-servicemen<sup>3</sup> who are wholly dependent on them.
5. Son/daughter/spouse of serving Defence personnel and CAPF who are wholly dependent on them.
6. Ex-Servicemen
7. Serving Defence personnel CAPF personnel

1. CAPF earlier known as Para-military forces, includes Assam Rifles (AR), Border Security Force (BSF), Central Industrial Security Force (CISF), Central Reserve Police Force (CRPF), Indo Tibetan Border Police (ITBP), National Security Guard (NSG), Sashastra Seema Bal (SSB) etc.
2. Incapacitation will mean incapacitation leading to the discharge of the person by concerned authorities
3. Ex-serviceman means a person who has served in any rank whether as a combatant or non-combatant in the regular Army, Navy and Air Force of the Union of India or in CAPF
  - i) Who retired from the service after earning his/her pension; or
  - ii) Who has been boarded out of the service on medical grounds attributable to military service/CAPF or Circumstances beyond his control and awarded medical or other disability pension; or
  - iii) Who has been released from the service as a result of reduction in establishment or
  - iv) Who has been released from the service after completing the specific period of engagement, (otherwise than at his own request, or by way of dismissal, or discharge on account of misconduct or inefficiency) and has been given gratuity.Territorial Army Personnel of the following categories shall also be considered as ex-servicemen:-
  - (a) Pension holders for continuous embodied service.
  - (b) Disabled Territorial Army Personnel with disability attributable to military service.
  - (c) Gallantry award winners

For admission to evening courses, categories 2, 4 and 5 above will not be considered since the term 'wholly dependent' will exclude such persons as are 'employed' or 'self-employed'.

- (vii) 2% for Sons/ Daughters / Husband / Wife / Brothers / Sisters of persons killed/incapacitated in November, 1984 riots and of persons killed / incapacitated in terrorist violence in Punjab and Chandigarh. A Certificate from the District Magistrate to this effect must be submitted by the candidate. Migrant Card alone is not enough.
- (viii) 2% for the Children/Grand Children of Freedom Fighters w ho have been sanctioned pension by Central/State Govt. or awarded Tamra Patra by Government of India (Syndicate Para 15, dated 30-5-1997) or those w ho have been certified to be Freedom Fighters by the Central/State Govts.
- (ix) Any other statutory reservation as prescribed by the Govt. of India, if any.

**NOTE:**

**Specimen of forms of certificates to be attached to admission forms wherever applicable has been provided in the prospectus (pp. 15-31)**

**While working out the percentage of seats in the reserved categories, if the number arrived at contains a fraction, this shall be resolved as follows:**

**If the fraction is 0.5 or more, it shall be rounded off to 1; if it is less than 0.5, it shall be ignored. This shall, however, not affect the total number of seats in the open category. To ensure this, if the total number of seats after making this adjustment exceeds the prescribed number fixed for the course, the necessary additional seats shall be created with the prior permission of the D.U.I./Vice-Chancellor. Such seats, if created, shall be treated as additional only for the year in question.**

**Illustration: In a course which has 35 seats, the distribution of seats among the various categories will be as under:**

General	SC	ST	BC	Sports	Defence	Persons with Disability	Riot/Terrorist Victim	Freedom Fighter	Total
53.5%	15%	7.5%	5%	5%	5%	5%	2%	2%	
19	5	3	2	2	2	2	1	1	37

It will be seen that this raises the total number of seats to 37. The 36<sup>th</sup> and 37<sup>th</sup> seat will be treated as additional in that course for that year only. The additional seat, if required to be created, shall be created only for the reserved category and not for the Open category. Such additional seat, if remains unfilled, will not be converted to open category.

**Inter-Changeability and transfer of seats**

- a) In the Reserved categories given at (i) and (ii) under **Paragraph I (Seats: General and Reserved at Page 12)**, i.e. Scheduled Castes and Scheduled Tribes, the seats shall be regarded as 'interchangeable'. That is to say, if sufficient number of eligible candidates are not available to fill up the seats reserved for Scheduled Tribes, seats may be filled up from among the eligible candidates belonging to Scheduled Castes and vice-versa.
- b) The seats in the Reserved Categories (SC/ST/BC/SP/Def/Pw D/TV/FF) which remain unfilled shall be transferred to the General Category subject to the condition that the waiting list of each Reserved Category has been exhausted. Any seat created in the Reserved Categories because of rounding off fraction shall stand cancelled and shall not be converted to General Category.

**Note:** *The Departments where admission is based on Entrance Test/ Aptitude Test, seats in reserved categories be converted in the General Category right from the beginning of admission in case there were no candidate belonging to these categories having qualified the Entrance Test were available.*

- c) If a candidate gets admitted under Reserved Category and is also placed on the consolidated waiting list of General Category and gets a General Category seat on merit, the seat shall be offered to him/her (subject to the condition that the candidate of SC/ST/BC/Pw D categories fulfill the minimum eligibility requirement of General Category and must not have availed of relaxation in eligibility marks) and his/her Reserved Category seat shall fall vacant and shall be offered in order of merit to the next candidate of the Reserved Category.

## **APPENDIX B**

### **Specimen of Certificates for reserved categories and additional seats (To be attached to admission form wherever applicable)**

#### **SUB APPENDIX B1** **SCHEDULED CASTE / SCHEDULED TRIBE CERTIFICATE**

The Caste/Tribe Certificate should necessarily contain the following information about:

- (a) Name of the person : \_\_\_\_\_
- (b) Father's name : \_\_\_\_\_
- (c) Permanent place of residence : \_\_\_\_\_
- (d) Name of the Caste/ Tribe : \_\_\_\_\_
- (e) Constitutional order under which the caste/ tribe has been notified
- (f) Signature of issuing authority along with the designation, seals and date

#### **Authorities Empowered to issue SC/ST certificate**

1. District Magistrate/ Additional District Magistrate/ Collector/Deputy Commissioner/ Additional Deputy Commissioner/ Deputy Collector/1st Class Stipendiary Magistrate/ Sub-Divisional Magistrate/ Taluka Magistrate/ Executive Magistrate/ Extra Assistant Commissioner.
2. Chief Presidency Magistrate/ Additional Chief Presidency Magistrate/ Presidency Magistrate.
3. Revenue Officer not below the rank of Tehsildar.
4. Sub-Divisional Officer of the area where the candidate and/or his/her family normally resides.
5. Administrator/ Secretary to Administrator/ Development Officer (Lakshdweep Islands)

Attach  
Applicants  
Recent  
Passport Size  
Attested  
Photograph

**SUB APPENDIX B2**  
**CERTIFICATE FOR BACKWARD CLASS\***  
**(Persons belonging to OBC/SBC will not be considered under this category)**

This is to certify that Shri / Smt/ Kumari \_\_\_\_\_ son/daughter of Sh. \_\_\_\_\_ village \_\_\_\_\_ District / Division \_\_\_\_\_ in the state of \_\_\_\_\_ belongs to \_\_\_\_\_ community which is recognized as a Backward Class under the \_\_\_\_\_, Department of Welfare of SCs and BCs vide notification No. \_\_\_\_\_ dated \_\_\_\_\_ Shri / Smt/ Kumari \_\_\_\_\_ and / or his / her family ordinarily reside(s) in the \_\_\_\_\_ District / Division of the State of Punjab.

This is also to certify that he/she does not belong to the persons / sections (creamy Layer) mentioned in the column 3 of the Schedule to the Government of Punjab, Department of Welfare and SCs and BCs notification No. 1/41/93-RCI/ dated 17-01-1994, as amended vide Notification No. 1/41/93-RCI/1597 dated 17-08-2005, Notification No. 1/41/93-RCI/209 dated 24-02-2009 and notification No. 1/41/93-RCI/609 dated 24.10.2013.

Date of Issuance \_\_\_\_\_

Signature of Issuing Authority: \_\_\_\_\_

Space for Photograph

Designation \_\_\_\_\_  
Date: \_\_\_\_\_  
Place: \_\_\_\_\_

**Note:** The term "Ordinarily" used here will have same meaning as in Section 20 of Representative of People Act, 1950

Authorities Empowered to issue Backward Class Certificate	Criteria for Admission under this Category
1. Deputy Commissioner 2. Additional Deputy Commissioner 3. Sub Divisional Magistrate 4. Executive Magistrate 5. Tehsildar 6. Naib Tehsildar 7. Block Officer 8. District Revenue Officer	1. 5% Seats Reserved for persons belongs to this category 2. Candidate must belong to non-creamy layer as defined by the latest rules of Govt. Of India 3. * A BC Certificate issued by a competent authority in any format and on any date shall be accepted by PU. 4. <b>Candidate whose certificate is older than one year from the date of issue must submit the self declaration as per Sub Appendix B2(A).</b>



## SUB APPENDIX B2 (A)

**Self declaration Performa to be submitted by the person belonging to backward class category at the time of recruitment / admission**

I \_\_\_\_\_ S/O, D/O \_\_\_\_\_  
Resident of \_\_\_\_\_ Village / Tehsil/ City  
\_\_\_\_\_ District \_\_\_\_\_ hereby declare  
that I \_\_\_\_\_ belong to \_\_\_\_\_ caste  
and this caste has been declared as backward class by State Government as per letter No.  
\_\_\_\_\_ dated \_\_\_\_\_.

I hereby declare that, I do not come under Column-3 of the Schedule to the Government of Punjab, Department of Welfare of SCs and BCs notification No. 1/41/93-RC-1/459 dated 17.01.94 as amended vide notification No. 1/41/93-RCI/1597 dated 17-08-1005, notification No. 1/41/93-RCI/209 dated 04.02.2009 and notification No. 1/41/93-RCI/609 dated 24.10.2013.

Declarant

Place: \_\_\_\_\_  
Date: \_\_\_\_\_

**Verification:**

I hereby declare that the above submitted information is correct as per my understanding and nothing has been concealed herein. I am well versed with the facts that I would be liable to face any punishment prescribed by law in case my above information is found to be false and the benefits granted to me (the applicant) will be withdrawn.

Declarant

Place: \_\_\_\_\_  
Date: \_\_\_\_\_

**SUB APPENDIX B3**  
**CERTIFICATE FOR ADMISSION UNDER DEFENCE CATEGORY**

Dispatch No. \_\_\_\_\_

Dated \_\_\_\_\_

Certified that \_\_\_\_\_ son/daughter/spouse of  
\_\_\_\_\_ Rank \_\_\_\_\_ (if applicable) an applicant for admission to  
\_\_\_\_\_ course(s) in the  
department of \_\_\_\_\_ Panjab University, is

1. Son/Daughter/Spouse of such Defence and Central Armed Police Force (CAPF)\* personnel who died in action on \_\_\_\_\_ during \_\_\_\_\_. (Only those who are wholly dependent on such personnel shall be considered).
2. Son/Daughter/Spouse who is wholly dependent on such Defence and CAPF personnel who were incapacitated/died on \_\_\_\_\_ while in service.
3. Defence and CAPF personnel who were incapacitated while in service.
4. Son/daughter/spouse of ex-servicemen who are wholly dependent on them.
5. Son/daughter/spouse of serving Defence personnel and CAPF who are wholly dependent on them.
6. Ex-servicemen.
7. Serving Defence personnel and CAPF personnel.

\_\_\_\_\_  
Name of the Certifying Officer

Designation \_\_\_\_\_

Signature of authorized Military/  
Central Armed Police Forces Officer  
(with official seal)

\* CAPF earlier known as Para-military forces, includes Assam Rifles (AR), Border Security Force (BSF), Central Industrial Security Force (CISF), Central Reserve Police Force (CRPF), Indo Tibetan Border Police (ITBP), National Security Guard (NSG), Sashastra Seema Bal (SSB) etc.

**SUB APPENDIX B4**

**CERTIFICATE IN RESPECT OF 1984 RIOT AFFECTED PERSON /  
DEPENDENT OF TERRORIST AFFECTED FAMILY OF PUNJAB**

Despatch No: \_\_\_\_\_

Dated: \_\_\_\_\_

This is to certify that Mr./Ms./Mx. \_\_\_\_\_ is a Son / Daughter/  
Husband/ Wife/ Brothers/ Sisters of Shri \_\_\_\_\_ (Terrorist /  
riot affected person) of Village \_\_\_\_\_ Post Office \_\_\_\_\_ Tehsil  
\_\_\_\_\_ District \_\_\_\_\_ who was (killed / incapacitated in  
November, 1984, riots) / (killed / incapacitated in terrorist violence in Punjab and Chandigarh).

Place:

Date:

\*Deputy Commissioner / District Magistrate  
(with Seal of the Court)

- \* Certificate from no other than Deputy Commissioner / District Magistrate will be accepted.
- \*\* In case the certificate is found to be false or incorrect, the candidate will be render himself/  
herself liable for criminal prosecution.

## SUB APPENDIX B5

### CERTIFICATE OF CHILDREN/GRANDCHILDREN OF FREEDOM FIGHTER

Despatch No: \_\_\_\_\_

Dated: \_\_\_\_\_

Certified that Mr./Ms./Mx. \_\_\_\_\_ (freedom fighter) son/daughter of Shri \_\_\_\_\_ of Village \_\_\_\_\_ Post Office \_\_\_\_\_ Tehsil \_\_\_\_\_ District \_\_\_\_\_ and Parent /Grand Parent of Mr./Ms./Mx. \_\_\_\_\_ (Name of the Candidate), a bonafide political sufferer and has been drawing freedom fighter's pension from \_\_\_\_\_ Treasury or has been awarded Tamar Patra for his/her political suffering.

Place:

Date:

\*Deputy Commissioner  
(with Seal of the Court)

\* Certificate from no other than Deputy Commissioner will be accepted.

\*\* In case the certificate is found to be false or incorrect, the candidate will be render himself/herself liable for criminal prosecution.

## APPENDIX C 1

### **Specimen of Forms/ certificates for Medical records** FORMAT FOR MEDICAL RECORD

Name of the patient:

Age:

Sex:

Address:

Occupation:

Date of 1<sup>st</sup> visit:

Clinical note (summary) of the case:

Prov.: Diagnosis :

Investigations advised with reports:

Diagnosis after Investigation:

Advice:

#### **Follow up**

Date:

Observations:

Signature in full \_\_\_\_\_

Name of Treating Physician  
(MBBS or above with Mobile #)

**Important Note:- Under this category of Physically Challenged, persons only with Permanent Physical Disability (PPD) will be considered. Candidates with temporary physical disability will not be eligible for applying under this category.**

## Medical Examination Form

(The Medical Examination will be conducted by any Govt. Gazatted Officer/Medical Officer at BGJIH)

Items Nos. 1 to 8 below to be filled in by the candidate

1. Name of the candidate\_\_\_\_\_
  2. Father's Name\_\_\_\_\_
  3. Mother's Name\_\_\_\_\_
  4. Date of Birth\_\_\_\_\_
  5. Department (in which admission is being sought)\_\_\_\_\_
  6. University Receipt for Medical Examination Fee  
No. \_\_\_\_\_ Date \_\_\_\_\_ Rs. \_\_\_\_\_
  7. Roll No. (allotted by the Department): \_\_\_\_\_
  8. History of any previous or existing illness: Yes/No (If yes mention details)
    - I. Like Epilepsy (seizures), Hypertension, Bronchitis, Bronchial Asthma, Tuberculosis, Rheumatic Heart Disease, Diabeties etc: Yes/No
    - II. History of any operation/Surgery :  
Yes/No
    - III. History of any regular medication : Yes/No
    - IV. History of any kind of allergy : Yes/No
- 

\_\_\_\_\_  
(Signature of the candidate to be  
Attested by the chairman)

\_\_\_\_\_  
(Signature of the candidate in the  
presence of the examining Doctor)

\_\_\_\_\_  
(Signature of the chairman with seal  
of the department)

### Medical Examination

- a) Pulse \_\_\_\_\_/min. Blood Pressure \_\_\_\_\_ mmHg (sitting)
- b) Vision (without glasses) Right \_\_\_\_\_ Left \_\_\_\_\_ Colour  
Vision \_\_\_\_\_
- c) Vision (with glasses) Right \_\_\_\_\_ Left \_\_\_\_\_
- A. Systemic Examination of CNS/Chest/CVS/Abdomen/Limbs
- B. Recommendation of the examining physician if any

(Signature of the Medical Officer with seal and date)

**FORM OF CERTIFICATE RECOMMENDED FOR LEAVE OR EXTENSION OR  
COMMUNICATION OF LEAVE AND FOR FITNESS**

Signature of patient  
Or thumb impression \_\_\_\_\_

To be filled in by the applicant in the presence of the Government Medical Attendant or Medical Practitioner. (with qualifications-MBBS or above)

Identification marks:-

- a. \_\_\_\_\_
- b. \_\_\_\_\_

I, Dr. \_\_\_\_\_ after careful examination of the case certify hereby that \_\_\_\_\_ whose signature is given above is suffering from \_\_\_\_\_ and I consider that a period of absence from duty of \_\_\_\_\_ with effect from \_\_\_\_\_ is absolutely necessary for the restoration of his health.

I, Dr. \_\_\_\_\_ after careful examination of the case certify hereby that \_\_\_\_\_ on restoration of health is now fit of join service.

**Signature of Medical attendant**  
Registration No. \_\_\_\_\_  
(MBBS or above with Mobile #)

**Note:-** The nature and probable duration of the illness should also be specified. This certificate must be accompanied by a brief resume of the case giving the nature of the illness, its symptoms, causes and duration

**APPENDIX C-2 (Form I- V)**  
**COPY OF CERTIFICATE OF PERSONS WITH DISABILITY (PwD) CATEGORY**  
**FOR APPLYING FOR ADMISSION**

(Detailed information is available at Ministry of Social Justice and Empowerment, Government of India website: [www.socialjustice.nic.in](http://www.socialjustice.nic.in) as per PART-II Section 3, subsection (i) Notification as amended on 30th December, 2009 for persons with disability (Equal Opportunities and full participation Rules, 1996) (Copies of Form-I, Form-II, Form-III and Form-IV, attached).

**Form-I**

**APPLICATION FOR OBTAINING DISABILITY CERTIFICATE BY PERSONS WITH DISABILITIES**

1. Name: (Surname)\_\_\_\_\_ (First name)\_\_\_\_\_  
(Middle name) \_\_\_\_\_

2. Father's name:\_\_\_\_\_ Mother's name: \_\_\_\_\_

3. Date of Birth: (date) \_\_\_\_\_ / (month) \_\_\_\_\_ / (year) \_\_\_\_\_

4. Age at the time of application: \_\_\_\_\_ years

5. Sex: \_\_\_\_\_ Male/Female/Transgender

6. Address:

(a) Permanent address

\_\_\_\_\_  
\_\_\_\_\_

(b) Current Address (i.e. for communication)

\_\_\_\_\_  
\_\_\_\_\_

(c) Period since when residing at current address

\_\_\_\_\_  
\_\_\_\_\_

7. Educational Status (Pl. tick as applicable)

I. Post Graduate

II. Graduate

III. Diploma

IV. Higher Secondary

V. High School

VI. Middle

VII. Primary

VIII. Non-literate

8. Occupation \_\_\_\_\_

9. Identification marks (i) \_\_\_\_\_ (ii) \_\_\_\_\_

10. Nature of disability: \_\_\_\_\_

11. Period since when disabled: From Birth/Since year \_\_\_\_\_

12.(i) Did you ever apply for issue of a disability certificate in the past \_\_\_\_\_ YES/NO

(ii) If yes, details:

a. Authority to whom and district in which applied

\_\_\_\_\_

b. Result of application

13. Have you ever been issued a disability certificate in the past? If yes, please enclose a true copy.



Declaration: I hereby declare that all particulars stated above are true to the best of my knowledge and belief, and no material information has been concealed or misstated. I further, state that if any inaccuracy is detected in the application, I shall be liable to forfeiture of any benefits derived and other action as per law.

---

(Signature or left thumb impression of person with disability, or of his/her legal guardian in case of persons with mental retardation, autism, cerebral palsy and multiple disabilities)

Date:

Place:

Encl:

1. Proof of residence (Please tick as applicable)

- a. ration card,
  - b. voter identity card,
  - c. driving license,
  - d. bank passbook,
  - e. PAN card,
  - f. Passport,
  - g. Telephone, electricity, water and any other utility bill indicating the address of the Parent / Guardian.
  - h. A certificate of residence issued by a Panchayat, municipality, cantonment board, any gazette officer, or the concerned Patwari or Head Master of a Govt. school,
  - i. In case of an inmate of a residential institution for persons with disabilities, destitute, mentally ill, etc., a certificate of residence from the head of such institution.
4. Two recent passport size photographs

---

**(For office use only)**

Date:

Place:

Signature of issuing authority

Stamp

Recent PP  
Size Attested  
Photograph  
(showing face  
only of the  
person with  
disability)

**Form-II**

**Disability Certificate  
(In cases of amputation or complete permanent paralysis of limbs  
Or dwarfism and in case of blindness)**

**(NAME AND ADDRESS OF THE MEDICAL AUTHORITY ISSUING  
THE CERTIFICATE)**

Certificate No. \_\_\_\_\_

Date: \_\_\_\_\_

This is to certify that I have carefully examined Shri/Smt./Kum. \_\_\_\_\_  
son/wife/daughter of Shri \_\_\_\_\_ Date of Birth (DD/MM/YY) \_\_\_\_\_ Age \_\_\_\_\_  
years, male/female, Registration No. \_\_\_\_\_ permanent resident of House  
No. \_\_\_\_\_ Ward/Village/Street \_\_\_\_\_ Post Office \_\_\_\_\_,  
District \_\_\_\_\_, State \_\_\_\_\_, whose photograph is affixed above, and am satisfied  
that:

(B) He/she is a case of:

- locomotor disability
- dwarfism
- blindness

(Please tick as applicable)

(B) the diagnosis in his/her case is \_\_\_\_\_

(C) He/She has \_\_\_\_\_ % (in figure) \_\_\_\_\_ percent (in words) permanent  
locomotor disability / dwarfism / blindness in relation to his her \_\_\_\_\_ (part of body)  
as per guidelines ( ..... number and date of issue of the guidelines to be specified).

2. The applicant has submitted the following document as proof of residence: -

Nature of Document	Date of Issue	Details of authority issuing certificate

Signature /Thumb  
impression of the  
person in whose favour  
disability certificate is  
issued

Signature and Seal of Authorised Signatory  
of Notified Medical Authority

## Form-III Disability Certificate

**(In case of multiple disabilities)**

Recent PP Size Attested Photograph (showing face only of the person)
--

**(NAME AND ADDRESS OF THE MEDICAL AUTHORITY ISSUING THE  
CERTIFICATE)**

Certificate No. \_\_\_\_\_

Date: \_\_\_\_\_

This is to certify that we have carefully examined Shri/Smt./Kum. \_\_\_\_\_ son/wife/daughter of  
Shri \_\_\_\_\_ Date of Birth (DD/MM/YY) \_\_\_\_\_ Age \_\_\_\_\_ years, male/female, Registration  
No. \_\_\_\_\_ permanent resident of House No. \_\_\_\_\_  
Ward/Village/Street \_\_\_\_\_ Post Office \_\_\_\_\_, District \_\_\_\_\_,  
State \_\_\_\_\_, whose photograph is affixed above, and are satisfied that:

- (A) He/she is a case of Multiple Disability. His/her extent of permanent physical impairment/disability has been evaluated as per guidelines (..... Number and date of issue of the guidelines to be specified) for the disabilities ticked below, and shown against the relevant disability in the table below:

Sr. No.	Disability	Affected Part of Body	Diagnosis	Permanent physical impairment/mental disability (in %)
1.	Locomotor disability	@		
2.	Muscular Dystrophy			
3.	Leprosy Cured			
4.	Dwarfism			
5.	Cerebral Palsy			
6.	Acid attack Victim			
7.	Low vision	#		
8.	Blindness	<b>Both Eyes</b>		
9.	Deaf	£		
10.	Hard of Hearing			
11.	Speech and language disability			
12.	Intellectual disability	<b>X</b>		
13.	Specific Learning Disability			
14.	Autism Spectrum Disability			
15.	Mental-illness	<b>X</b>		
16.	Chronic Neurological conditions			
17.	Multiple sclerosis			
18.	Parkinson's disease			
19.	Haemophilia			
20.	Thalassemia			
21.	Sickle Cell disease			

- (B) In the Light of the above, his/her over all permanent physical impairment as per guidelines (..... number and date of issue of the guidelines to be specified), is as follows

In figures:- \_\_\_\_\_ percent

In words: \_\_\_\_\_ percent

2. This condition is progressive/non-progressive/likely to improve/not likely to improve.

3. Reassessment of disability is:

(i) \_\_\_\_\_ not necessary.

**Or**

(ii) \_\_\_\_\_ is recommended/after \_\_\_\_\_ years \_\_\_\_\_ months, and therefore, this certificate shall be valid till (DD / MM /YY) \_\_\_\_\_

@ - e.g. Left/Right/both arms/legs

# - e.g. Single eye/both eyes

£ - e.g. Left/Right/both ears

4. The applicant has submitted the following document as proof of residence: -

Nature of Document	Date of Issue	Details of authority issuing certificate
5. Signature and seal of the Medical Authority		
Nature of Document	Date of Issue	Details of authority issuing certificate

Signature /Thumb impression of the person in whose favour disability certificate is issued
--

Recent PP Size  
Attested  
Photograph  
(showing face only  
of the person with  
disability)

**Form-IV**

**Certificate of Disability  
(In cases other than those mentioned in Forms II and III)**

**(NAME AND ADDRESS OF THE MEDICAL AUTHORITY ISSUING  
THE CERTIFICATE)**

Certificate No. \_\_\_\_\_

Date: \_\_\_\_\_

This is to certify that I have carefully examined Shri/Smt./Kum. \_\_\_\_\_ son/w ife/daughter of Shri \_\_\_\_\_ Date of Birth (DD/MM/YY) \_\_\_\_\_ Age \_\_\_\_\_ years, male/female, Registration No. \_\_\_\_\_ permanent resident \_\_\_\_\_ of \_\_\_\_\_ House No. \_\_\_\_\_, District \_\_\_\_\_, State \_\_\_\_\_, whose photograph is affixed above, and am satisfied that he/she is a case of \_\_\_\_\_ disability. His/her extent of percentage physical impairment/disability has been evaluated as per guidelines (to be specified) and is shown against the relevant disability in the table below :-

Sr. No.	Disability	Affected Part of Body	Diagnosis	Permanent physical impairment/mental disability (in %)
1.	Locomotor disability	@		
2.	Muscular Dystrophy			
3.	Leprosy Cured			
4.	Cerebral Palsy			
5.	Acid attack Victim			
6.	Low vision	#		
7.	Deaf	£		
8.	Hard of Hearing			
9.	Speech and language disability			
10.	Intellectual disability	X		
11.	Specific Learning Disability			
12.	Autism Spectrum Disability			
13.	Mental-illness	X		
14.	Chronic Neurological conditions			
15.	Multiple sclerosis			
16.	Parkinson's disease			
17.	Haemophilia			
18.	Thalassemia			
19.	Sickle Cell disease			

(Please strike out the disabilities which are not applicable)

2. The above condition is progressive/non-progressive/likely to improve/not likely to improve.

3. Reassessment of disability is:

(i) not necessary.

**Or**

(ii) is recommended/after \_\_\_\_\_ years \_\_\_\_\_ months, and therefore, this certificate shall be valid till (DD / MM /YY) \_\_\_\_\_

@ - e.g. Left/Right/both arms/legs

# - e.g. Single eye/both eyes

£ - e.g. Left/Right/both ears

4. The applicant has submitted the following document as proof of residence:-

**Nature of Document    Date of Issue    Details of authority issuing certificate**

(Authorised Signatory of notified Medical Authority)  
(Name and Seal)

Countersigned

{Countersignature and seal of the CMO/Medical Superintendent/Head of Government Hospital, in case the certificate is issued by a medical authority who is not a government servant (with seal)}

Signature /Thumb impression of the person in whose favour disability certificate is issued
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**Note: 1.** "In case this certificate is issued by a medical authority who is not a government servant, it shall be valid only if countersigned by the Chief Medical Officer of the District"

**Form-V**

**(intimation of rejection of Application for Certificate of Disability)**

No. \_\_\_\_\_

Dated \_\_\_\_\_

To

(Name and address of applicant  
For Certificate of Disability)

Sub: Rejection of Application for Certificate of Disability

Sir/Madam,

Please refer to your application dated \_\_\_\_\_ for issue of a Certificate of Disability for the following disability: \_\_\_\_\_

2. Pursuant to the above application, you have been examined by the undersigned / Medical Authority on \_\_\_\_\_, and I regret to inform that, for the reasons mentioned below, it is not possible to issue a Certificate of Disability in your favour:-

- (i)
- (ii)
- (iii)

3. In case you are aggrieved by the rejection of your application, you may represent to \_\_\_\_\_, requesting for review of this decision.

Yours faithfully,

(Authorized Signatory of the notified Medical Authority)  
(Name and Seal)

## APPENDIX D

### GUIDELINES FOR ADMISSION TO THE RESERVED CATEGORY OF SPORTS

(Candidates are advised to visit website of Sports Department at  
[www.sports.puchd.ac.in](http://www.sports.puchd.ac.in))

Five percent seats of the total number of seats in each course are reserved under this category. No benefit on the basis of sports shall be given to candidates who did not apply for the admission under reserved category of sports.

1. Each candidate applying for admission in this category shall, along with the Admission Form, will submit following documents to the concerned department and photocopy of one complete set of Admission Form, along with the all relevant documents after paging all the documents, will submit in the office of Campus Sports, (Gymnasium Building), P.U. Chandigarh before the last date of submission of form. If the candidate fails to submit the form complete in all respect by 30-07-2020 by 4:00 p.m. in the concerned department and in the Campus Sports Department, his candidature will be rejected
  - a) Self-attested photocopies of sports certificates with photograph duly attested by the respective issuing authority (by National/ State Sports Federation/ Association/ Head of the Institution of last attended / self attested).
  - b) Self attested photocopies of Class 10<sup>th</sup> and Class 10+2 and B.E. (1st year) Certificates.
  - c) Undertaking of the sports achievements (**Annexure-I**) and attendance in sports grounds (**Annexure-II**)
  - d) List of players/ competitors of the concerned tournament duly attested by the respective issuing authority / Head of the Institution of last attended.
2. The D.U.I. has the authority to cancel admission at any time, if it is found that the candidate has obtained such admission on the basis of a false certificate or incorrect statement/record.
3. Candidates seeking admission under Sports category will be considered for admission only in the games / events / sports which are included in the Olympic Games / Asian Games / Commonwealth games immediately preceding the year of admission. Along with the games included in the above said tournaments, four games namely Chess, Cricket, Kho-kho and Yoga will also be considered as eligible sports disciplines for admission under reserved category of Sports (**Annexure-III**).
4. Reservation under Sports Category is meant only for those active sports-person<sup>1</sup> who would participate in the Campus, University, State, National, International level Sports Tournaments. Such students will be considered for admission only if:
  - i. Their achievement in sports relates to their activities in any of the three years immediately preceding the year of admission<sup>2</sup> (relaxable to 4 years in exceptional cases, on merit, for outstanding sports persons<sup>3</sup>).
  - ii. They are otherwise also eligible for participation in Inter-College, Inter-University tournaments for at least one year as per Association of Indian Universities rule 2019-20 (<http://www.aiu.ac.in>)
  - iii. Sports merit will be prepared as per **Annexure IV**.

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<sup>1</sup> Means a person attending the grounds regularly so as to appear himself for participation in the Inter-College and Inter-University Tournaments. However, his/her age fall within the age group which is eligible for participation in Inter-College/Inter-University Competition.

<sup>2</sup> Preceding three years means from 1<sup>st</sup> July 2017 to 30<sup>th</sup> June 2020.

<sup>3</sup> Securing first three positions in All India University / Senior National Championships/ National Games / Participation in International Competition (competitions/ tournaments which are mentioned in Annexure III)

at senior or junior level recognized by respective National Federation, Indian Olympic Association/ Ministry of youth Affairs & Sports/ International Olympic Committee / BCCI.



- iv. No document including Undertaking etc. will be accepted after the last date of submission of Admission Form by the Campus Sports Department. However, in case any sports person earns any achievement up to June 30, 2020, he/she may submit supplementary copy of the document to the Campus Sports Department along with additional Undertaking.
  - v. Sports Participation in the same game in two different competitions (irrespective of the event) is essential for the candidates seeking admission under this category within the prescribed period of three years i.e. from 1<sup>st</sup> July 2017 to 30<sup>th</sup> June 2020. The merit for admission in the Sports Category will be purely on the basis of criteria given in **Annexure-IV**. However, the minimum level of sports participation to be considered for supporting certificates will be Inter school / Inter College / Cluster / District / State Level Participations.
5. The Campus Sports Department, Panjab University shall take an undertaking (**Annexure-II**) from the candidates that they will attend the grounds regularly and must have 75% of attendance in the sports ground and would also participate in the Inter-College, Inter-University, State, National and International sports tournaments. Their admission would be liable to be cancelled if the terms of the undertaking thus given are not adhered to.
  6. The order of precedence in the selection of candidates for admission will be as per **Annexure-IV**.
    - i. Applicant securing higher marks in sports merit will be placed / given higher preference.
    - ii. If there is a tie within the same category, the tie shall be resolved by considering the 'academic merit' i.e. as per admission criteria of the concerned department and even then if there is tie, it will be resolved by the seniority in age i.e. date of birth of the candidate and such tie will be resolved by the concerned Department in which an applicant applied for admission.
  7. Age category tournaments such as sub-junior, junior, youth, cadet etc. are vary from game to game. In this regard, P.U. Admission Committee for sports will take the decision whether the performance of the players fall under junior/ youth category.
  8. It is mandatory to participate actively in all sports competitions, if selected, and at least 75% attendance in Panjab University sports grounds is required to enable to sit in the examination for all the candidates admitted against reserved category of sports. The attendance certificates shall be issued by the Campus Sports Department in favour of each candidate whose attendance in sports grounds is at least 75% and admit card for examination shall be issued by the Chairperson only on the production of such a certificate.
  9. When a candidate is required to abstain from the Department for participation in Inter College / Inter University / National / International / State Sports Tournaments, he/she shall give prior information to the Chairperson of the concerned Department.
  10. If a candidate admitted under the reserved category of Sports, remains absent from the grounds for regular practice for a continuous period of seven days without leave, his/her names shall be struck off the rolls by the Chairperson of the concerned Department on the recommendation of the Director Physical Education & Sports, Panjab University, Chandigarh.
  11. Deficiency of equal numbers of lectures (theory, practical, seminars and tutorials etc.) shall be condoned for sportspersons for attending Coaching Camps and participation in various tournaments i.e. Inter Hostel and Inter Department (Conducted by P.U. Campus Sports), Inter College, Inter District, State, Inter State, Inter University, National and International level tournament.
  12. In case a candidate does not attend the grounds for practice or does not participate in the P.U. Campus Sports Activities including Campus Annual Athletic Meet, Inter College Competition, Inter University Tournaments on medical grounds, the Medical Certificate issued only by the University Chief Medical Officer will be accepted.
- NOTE :** In case a student remains present in the concerned Department for classes but absent in the grounds for sports then his/her Medical Certificate will not be accepted and his/her admission shall liable to be cancelled.
13. In case there is one association or more than one association or federation in any game the sports certificates issued by those National/ State Associations / Federations will be considered which are

recognized by concerned State Olympic Association and respective National Federation. For International / Inter state and National level competitions, the certificates issued by only those International / National Federations will be considered which are duly recognized by Indian Olympic Association or Ministry of Youth Affairs and Sports. In case of Cricket, BCCI will be the competent authority. For International level competitions, the certificates issued by those National Federation / International Sports Federation of the concerned game (e.g. FIBA, FIFA etc.) will be considered which are duly recognized by concerned Country's Olympic Association or Indian Olympic Association such National Olympic Association should be duly recognized by International Olympic Committee.

14. Certificate on Letter head will not be considered in normal course. However, if the certificates are not issued by some sports Organization / Association in a particular game, those cases will be looked after separately by the screening committee on the recommendation of Campus Sports Department.
15. The clause 4 (i) and (ii) will not be applicable for Arjuna Awardee / Rajiv Khel Ratan Awardee / Padam Shree Awardee / Olympians in any game/sports with the condition that if such a candidate is successful in getting admission but barred for participation due to age bar then he/she will coach or groom a team of his expertise for at least five hours a week without seeking any remuneration.
16. The admission of students under reserved category of sports will be provisional until the verification of sports certificates from the concerned issuing authority.
17. No invitational / Prize Money / Ranking tournament will be considered for admission under reserved category of sports. Further, marks will not be given for tournament which are held more than once a year.
18. The sportspersons who have represented in the recognized competitions recognized by Ministry of Youth Affairs and Sports, Olympic Games by International Olympic Committee, World Championship / World Cup by International Sports Federations, Commonwealth Games by Commonwealth Games Federation, Asian Games by Olympic Council of Asia, Asian Championships by International Sports Federations, South Asian Federation Games (SAF) by South Asian Sports Council, Paralympic Games by International Paralympic Committee, World University Games By FISU/ Asian University Games / Championship by AUSF (Asian University Sports Federation), University games by AIU, National games and Championships by IOA/ NSF/ MYAS/ SGFI, State Level Games by State Sports Association/ State Directorate of Education / School Boards and Inter College by concerned University will only be eligible for admission under reserved category of sports in Panjab University, Chandigarh.

**UNDERTAKING FOR ACHIEVEMENTS IN SPORTS**

I, \_\_\_\_\_ (name), \_\_\_\_\_ son/daughter of  
 Shri \_\_\_\_\_ (father's name), \_\_\_\_\_ born on  
 \_\_\_\_\_ of \_\_\_\_\_ (address) hereby solemnly declare and  
 affirm as under:-

1. That as Sportsman/Sportswoman in \_\_\_\_\_ (name of discipline), I have represented the team(s) in the competition(s) on date(s) and also of named position(s) as indicated in the table below :-

Sr. No.	Sports Disciplines	Team Represented	Name of the competition & year	Venue/Date	Position Secured
1					
2					
3					

2. That the certificate(s) mentioned below are produced by me in support of the above are authentic:

- (i)
- (ii)
- (iii)

3. I understand that in case the information/documents supplied by me are found to be false, incorrect or forged, my admission will stand cancelled and I shall be liable for criminal action.

(Signature of the applicant)

**UNDERTAKING FOR ATTENDANCE IN SPORTS GROUND**

I, \_\_\_\_\_ son/daughter  
of \_\_\_\_\_ resident  
of \_\_\_\_\_ do hereby declare as  
under :-

- (i) That I am seeking admission to the Department of \_\_\_\_\_ under the Sports Category.
- (ii) That in case I am admitted to the above said department I shall regularly attend the grounds for practice and I shall also participate in P.U. Campus Sports Activities including P.U. Campus Annual Athletic Meet/Inter-College/Inter-University/National/International Sports Tournament on behalf of the P.U. Campus and the Panjab University if selected.
- (iii) That in case I fail to regularly attend the Grounds for practice or fail to participate in the tournaments as and when required, my admission to the Department of \_\_\_\_\_ shall be liable to be cancelled.
- (iv) That in case my admission to the Deptt. of \_\_\_\_\_ is cancelled due to my failure to regularly attend the grounds for practice or to participate in the P.U. Campus Sports Activities (including Annual Athletic Meet) / Inter-University/ National / International Sports Tournaments as may be required by the Campus Sports Department, Panjab University, Chandigarh. I shall have no claim on any account whatsoever against the Department or against the University.

(Signature of the applicant)

**LIST OF SPORTS DISCIPLINES ELIGIBLE FOR ADMISSION UNDER RESERVED  
CATEGORY OF SPORTS**

Sports disciplines to be considered for admission under reserved category of sports will be based on the following conditions:-

- 1) The sports disciplines should also be part of proceeding Olympic / Asian Games / Commonwealth Games immediately preceding the year of admission.
- 2) Apart from the above the following four sports disciplines are included based on popularity/ indignity.
  - a) Chess
  - b) Cricket
  - c) Kho-kho
  - d) Yoga

**LIST OF GAMES**

Sr. No.	Game	Sr. No.	Game
1	Aquatics (M & W)	23.	Roller Skating (M & W) (Speed Skating)
2	Archery (M & W)	24.	Rowing (M & W)
3	Athletics (M & W)	25.	Rugby (M & W)
4	Badminton (M & W)	26.	Sailing / Yachting (M & W)
5	Baseball (Men)	27.	Sepak Takraw (M & W)
6	Basket (M & W)	28.	Shooting (M & W)
7	Boxing (M & W)	29.	Soft Tennis (M & W)
8	Bridge (M & W)	30.	Soft Ball (Women)
9	Canoeing & Kayaking (M & W)	31.	Squash (M & W)
10	Cycling (M & W)	32.	Table Tennis (M & W)
11	Equestrian (M & W)	33.	Tennis (M & W)
12	Fencing (M & W)	34.	Triathlon (M & W)
13	Football (M & W)	35.	Volleyball (M & W)
14	Golf (M & W)	36.	Weight Lifting (M & W)
15	Gymnastic (M & W)	37.	Wrestling (M & W)
16	Handball (M & W)	38.	Wushu (M & W)
17	Hockey (M & W)	39.	Cricket (M & W)
18	Judo (M & W)	40.	Kho-Kho (M & W)
19	Karate (M & W)	41.	Chess (M & W)
20	Netball (Women)	42.	Yoga (M & W)
21	Kabaddi (M & W)	43.	Pencak Silat (M & W)
22	Taekwondo (M & W)	44.	Tenpin Bowling (M & W)

**CRITERIA FOR MARKING OF MERIT / PARTICIPATION SPORTS CERTIFICATE  
OUT OF MAXIMUM 100 MARKS**

**Note:** – Tournaments/Championships other than Inter University/Inter College/Inter School will be considered for Gradation provided they are recognized by International Olympic Committee/ Indian Olympic Association/respective National Federation / State Association / BCCI / SGFI / **MYAS\***

Level of Game/ Sport Competition(s)	Ist	IInd	IIIrd	Participation
<b>CATEGORY 'A'</b>				
1. Sports performance as a player in Olympic Games / Paralympic Games (under senior / open category).	100	97	95	91
2. Sports performance as a player in World Cups/ Championships (Four Year Cycle) under senior / open category	97	95	93	89
3. Sports performance as a player in Asian Games (under senior / open category)	95	93	91	87
4. Sports performance as a player in Asia Cup / Asian Championship (Four Year Cycle) under senior / open category	93	91	89	85
5. Sports performance as a player in Commonwealth Games (under senior / open category).	91	89	87	83
6. Sports performance as a player in Commonwealth Championships (Four Year Cycle) (under senior / open category).	89	87	85	81
7. Sports performance as a player in World cups / World Championships (Two Years Cycle) under senior / open category	87	85	83	79
8. Sports performance as a player in Asia Cup / Asian Championship (Two Years Cycle) under senior / open category.	85	83	81	77
9. Sports performance in Commonwealth Championships (Two Years Cycle) under senior / open category.	83	81	79	75
10. Sports performance as a player in World University games / World University championships (Two year Cycle)	81	79	77	73
11. Sports performance as a player in World Cup / Championship (one year cycle) under senior / open category.	79	77	75	71

12. Sports performance as a player in Asia Cup / Asian Championship (One Year Cycle) under senior / open category / Sports performance as a player in Common Wealth Championships (One Year Cycle) under senior / open category / Sports performance as a player in South Asian Games (under senior / open category). Asian University Games and Championships.  <b>Note: Marks for World Cup/ Championships, Asian Cup/ Championships / Common wealth Championships under Junior/ Youth/ Cadet categories will be awarded <math>\frac{3}{4}</math> of marks awarded to the respective senior categories of same tournament / championship / category e.g. for Junior World Cup / Championship for 1<sup>st</sup> <math>87 \times \frac{3}{4} = 65.25</math>, for IInd <math>85 \times \frac{3}{4} = 63.75</math>, for IIIrd <math>83 \times \frac{3}{4} = 62.25</math> and so on.</b>	77	75	73	69
<b>CATEGORY 'B'</b>	50	48	46	42
1. Sports performance as a player in National Games (under senior/ open category)				
2. Sports performance as a player in National University Games / Inter Zonal Universities Games for Universities (under senior / open category) / Sports performance as a player in senior National / Inter State Championships for seniors / Federation Cup for seniors / khelo India school games / Khelo India University Games (under 21) // Sports performance as a player in Khelo India School Games / SGFI National School Games. Sports performance as a player in Junior National / Cadet Nationals / Youth Nationals	48	46	44	40
3. Sports performance as a player in Zonal University Championships / National Zonal Championships (under senior and open category)	46	44	42	38
<b>CATEGORY 'C'</b>	36	34	32	28
1. Sports performance as a player in A division Inter College tournaments other than professional Universities/ Deemed Universities / Agricultural Universities / Law Universities / Technical and Management Universities / Senior State Championship / Inter District Championships / State School Games / Junior / Cadet / Youth State Championship. Position as a player in Inter University Tournament / Competitions for professional Universities / Deemed Universities / Agricultural Universities / Law Universities / Technical and Management Universities, School Nationals other than SGFI				

<b>CATEGORY 'D'</b> 1. Sports performance as a player in inter college of professional universities / residential universities / PU Campus Championships / B and C division Inter college.	26	24	22	Not Eligible
<b>Note:</b> The certificates not mentioning the level of tournament i.e. Senior /Junior / Youth / Schools will be considered as per the following age criteria: 1. Under 17..... Junior 2. Under 19.....Youth 3. Above 19.....Senior * BCCI: Board of Control for Cricket in India * SGFI: School Games Federation of India * MYAS: Ministry of Youth Affairs & Sports				

**Note:**

1. Sports Certificate of Invitational / Memorial /Open/ Prize Money League/ Ranking competitions will not be considered for admission under reserved category of sports.
2. Merit / Participation Sports Certificates of preceding three years will be considered from 01<sup>st</sup> July 2017 to 30<sup>th</sup> June 2020.
3. Applicants are required to upload Self-Attested copies of two Merit / Participation Sports Certificates.
4. Only the Highest Merit / Participation Sports Certificates will be considered for Marking.



## GENERAL RULES

1. The result of the Entrance Test shall, *ipso facto*, not entitle a candidate to get admission in an college/centre concerned where he/she intends to seek admission. It will be the responsibility of the candidate to make sure about his/her eligibility and fulfillment of such other conditions as may be prescribed for admission in the rules and regulations of college/centre concerned. Merely because a candidate is allowed to appear in the Entrance Test does not mean that he/she is eligible and his/ her appearance therein will not stop or debar the college/centre concerned from satisfying itself about his/her eligibility at any subsequent stage.  
  
Notwithstanding anything contained in this prospectus, the eligibility conditions for admission to any particular course, shall be governed by the respective rules/regulations as enshrined in the P.U. Calendar, volumes I, II and III (latest editions) and / or the general guidelines for admissions/ Handbook of Information-2020 issued by the university and / or decisions of the university senate/ syndicate. In case of any conflict or inconsistency between the prospectus on one hand and the aforesaid Panjab University rules and regulations/ guidelines/ Handbook of Information-2020/ decisions of Senate/ Syndicate, on the other, the latter shall prevail.
2. The Entrance Test will be held on **31-05-2020 (Sunday)** from **10:00 a.m. to 11:40 a.m.** at **CHANDIGARH** only.
3. Once the candidate has submitted the Online Entrance Test Form, any change in the Form, including category once marked, shall not be allowed.
4. A candidate desirous of taking the Entrance Test should submit his/her fee in any branch of State Bank of India using website generated Challan latest by **19-05-2020 (Tuesday) upto 4:00 p.m.**
5. Last date for completing the Entrance Form including uploading of photograph, signature with rest of the information on the website is **21-05-2020 (Thursday)**.
6. The fee for the Entrance Test once paid shall not be refunded.
7. **The medium of examination shall be ENGLISH only.**
8. Special arrangements for amanuensis (writer of answer):  
A candidate may be allowed help of an amanuensis (writer) if he/she is:
  - (i) Permanently disabled from writing with his/her own hand.
  - (ii) Temporarily disabled from writing on account of fracture of the right or left arm, forearm or dislocation of a shoulder elbow or wrist etc. The candidate shall produce a certificate from a Professor of the speciality concerned of a Medical College and where there is no Medical College, from the Chief Medical officer of the District concerned to the effect that the candidate is unable to write his/her answer-books because of the temporary disablement.
9. 35 minutes extra would be given to the persons with disability (PwD).
10. Every candidate is required to hand over both the **OMR Answer Sheet** and the **Question Booklet** to the Centre Superintendent/Invigilator when the time allowed for the Entrance Test is over, even if she/he has not attempted any question. No page/part of the **Question Booklet/ OMR Answer Sheet** is to be removed/ torn/taken out of the Test Centre under any circumstances, failing which the candidate shall be straight disqualified from the Entrance Test.
11. The use of calculators or any electronic device is not allowed.

12. The University will provide logarithmic table. Borrowing or carrying the log table or other such material is not allowed.
13. No candidate shall be allowed to leave the examination hall/room before the expiry of the time allotted for the respective paper.
14. Rough work, if any, is to be done only in the space provided in the **Question Booklet** and nowhere else. No rough work shall be done on the **OMR Answer Sheet** under any circumstances.
15. Any candidate who carries any telecommunication equipment such as pager, cellular phone, wireless set, Bluetooth device, etc. inside the examination hall shall be expelled from the examination hall & disqualified.
16. If any candidate who submits multiple Online Entrance Test Form for the same Course his/her candidature shall be considered only on the basis of one Form.
17. The candidates must bring their own stationary items such as **Black Gel Pen. Borrowing of material inside the Test Centre is strictly prohibited.**
18. **There shall be Negative Marking for Wrong Answers i.e. marks will be deducted for wrong answers.** If for each correct answer 1 mark is to be awarded, for a wrong answer  $\frac{1}{4}$  mark will be deducted.
19. **There shall be no re-evaluation/re-checking/re-assessment of answer-sheets under any of the circumstances. Request for seeing the Question Booklet / Answer Sheets by the candidates shall not be entertained at all. The evaluation once done by the University shall be absolutely final.**
20. In case of Objective Type question papers, the candidate must ensure that the answers to the questions are attempted on the specifically prescribed OMR Answer Sheet only. No answer attempted on the Question Booklet will be considered for evaluation. Only those questions answered on the OMR sheet shall be taken into account.
21. **RESOLVING OF TIES**  
Candidates securing equal marks in the Final Merit List shall be bracketed together. However, their inter-se merit rank shall be determined as under:-
  - (i) A candidate getting higher percentage of marks in the qualifying examination (B.E./B.Tech. 1<sup>st</sup> & 2<sup>nd</sup> Sem.) shall rank higher in order of merit.
  - (ii) That if the marks in qualifying examination are also the same then the candidates obtaining more marks in the immediate lower examination (i.e. 10+2), shall rank higher in order of merit.
  - (iii) That if two or more candidates secure equal marks in (i) & (ii) above, candidate senior in age shall rank higher in the order of merit.
22. Candidates are not allowed to carry eatables, drinks etc. into the Test Centre. Smoking inside and around the Centre is not permitted.
23. Any candidate who creates disturbance of any kind during examination or otherwise misbehaves in or around the examination hall or refuses to obey the Superintendent/Deputy Superintendent/Assistant Superintendent /any other official on examination duty or changes his/her seat with any other candidate or occupies any seat, other than the one allotted to him/her shall be expelled from the examination hall. (**"Expulsion" for this purpose would mean cancellation of the Entire Entrance Test**). The Centre Superintendent/Observer/any other authorized University Officer/Official shall be competent to expel a candidate from the examination centre.
24. Any candidate having in his/her possession or accessible to him/her paper/books or notes which may possibly be of any assistance to him/her or is found giving or receiving assistance, or copying

from any paper/book or note or from anywhere else or allowing any other candidate to copy from his/her answer book or found writing on any other paper, questions set in the question paper, during examination or using or attempting to use any other unfair means or indulging in any kind of misconduct shall be expelled from the examination hall. (**“Expulsion” for this purpose would mean cancellation of the Entire Entrance Test**). The Centre Superintendent/Observer/any other authorized University Officer/Official shall be competent to expel a candidate from the examination centre.

25. If any Answer Sheet of a candidate shows or it is otherwise established that he/she has received or attempted to receive help from any source in any manner or has given help or attempted to give help to any other candidate in any manner, the relevant Answer Sheet shall be cancelled. The cancellation of the Answer Sheet shall mean cancellation of all Answer Sheets of the Common Entrance Test. The decision of the Controller of Examinations, Panjab University, Chandigarh in this regard shall be final.
26. **If a candidate writes his/her name or puts any kind of identification mark or discloses his/her identity by any method whatsoever on the cover or anywhere else in the Question Booklet/Answer Sheet, the same shall be treated as cancelled. The cancellation of the Answer Sheet shall mean cancellation of all Answer Sheets of the Entrance Test. The decision of the Controller of Examinations, Panjab University, Chandigarh in this regard shall be final.**
27. Any person, who impersonates a candidate, shall be disqualified from appearing in any Panjab University examination for a period of five years including this Entrance Test, if that person is a student on the rolls of a recognised College or University. But if the person is not on the rolls of a recognised College or University, s/he shall be declared as a person not fit and proper to be admitted to any examination of the Panjab University for a period of 5 years. The case, if necessary, shall also be reported to the police for any further action in the matter.
28. If it is found that a candidate has knowingly or willfully concealed or suppressed any information/fact which renders him/her ineligible to take the Entrance Test, his/her result of the Test as also admission to a College/Centre of the University, if granted, shall stand cancelled and he/she shall have no claim whatsoever against the College/Centre concerned and the case, if necessary shall be reported to the police.
29. If a dispute or controversy of any kind arises before, during or after conduct of Entrance Test, the decision of the Controller of Examinations, Panjab University, in all such cases, shall be final.
30. The candidates shall be admitted to the test only on the production of the Admit Card at the Test Centre. No candidate shall be allowed to take the test without the Admit Card under any circumstances. The candidates must retain the Admit Card with them till the admission process is over, since it will be required again at the time of counseling.
31. The Admit Cards will be issued to the candidates only provisionally, at their sole risk and responsibility subject to the final confirmation of their eligibility at the time of admission. It is further clarified that the candidates shall be taking the test at their own risk and responsibility as far as their eligibility is concerned and the University shall, in no way, be responsible if they are found to be ineligible, later, leading to cancellation of their result or any other consequence(s) emanating from the same.
32. The result of the Entrance Test will be made available at <http://results.puchd.ac.in>.
33. The date by which Roll No will be available online is **27-05-2020 (Wednesday)**. Admit Card required to be downloaded from the website by the candidates using their own Login and Password (provided while generating Bank Challan). **There will be no physical communication for this purpose.**

34. On 03-06-2020, the Question Papers and Answer Keys will be put on the University website <http://exams.puchd.ac.in/show-noticeboard.php>. The candidates can file their objections regarding discrepancies and accuracy of the Key by e-mail to [arcet@pu.ac.in](mailto:arcet@pu.ac.in) latest by 05-06-2020. Objections received will be published on the website and cross objections will also be invited within a certain timeframe as mentioned in the Schedule for Entrance Test and Admission PUMEET -2020 at Page 04. The valid concerns thus expressed will be given due consideration while evaluation.
35. If a candidate wishes to verify his/her result, he/she will be provided a photocopy of his/her answer sheet on payment of Rs.10,000/- within 10 days after the declaration of the Entrance Test result and the office should process the whole procedure within three working days. In case, a discrepancy is found in the result of the candidate, the result would accordingly be revised and the fee deposited will be refunded.
36. **The following functionaries may be contacted only in case of extremely urgent enquiry from 10.00 a.m. to 4.00 p.m. (on working days only)**
- |  |  |
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37. **Ragging in any form is banned in Panjab University, Chandigarh. If a student is found to have indulged in Ragging, strict action will be taken against that student, which includes expulsion from the Institution/Department.**

**For any Enquiry**

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## SYLLABUS FOR PUMEET - 2020

### **MATHEMATICS**

**30 Questions**

#### **Infinite Series:**

Infinite series and convergence, alternating series, power series and convergence. Taylor's and Maclaurin's Series.

#### **Multivariable Functions:**

Limit, Continuity and Partial Derivatives; Euler's Theorem for Homogeneous functions; Differentiability, Linearization and Differentials; Chain rule; Extreme values and Saddle Points; Lagrange multipliers; Taylor's Formula.

#### **Vectors:**

Gradient, Divergence, Curl, Statement of Green's, Gauss and Stoke's Theorem and their simple applications.

#### **Integral Calculus:**

Area between plane curves; Volumes of solids of revolution; Lengths of plane curves; Areas of surfaces of revolution. Double integrals in rectangular and Polar form, Triple integrals in Rectangular, Cylindrical and Spherical coordinates, Substitutions in Multiple Integrals.

#### **Ordinary Differential Equations:**

First order exact differential equations, Integrating factor, Orthogonal trajectories, Second and Higher order Linear Differential Equations with constant coefficients, Differential Operators, Methods of Variation of Parameters and Undetermined Coefficients, Euler Cauchy Equation, Wronskian.

#### **Fourier Series:**

Euler's Formulae, Dirichlet's Conditions for Expansion, Change of interval, Odd and Even Functions, Expansion of Odd and Even Periodic Functions.

#### **Partial Differential Equations (Pde's):**

Formation and classification of partial differential equations, first order linear equations, standard forms of non linear equations

#### **Engineering Applications of Pde's:**

Method of separation of variables, Solution of partial differential equations of engineering interest by the method of separation of variables.

#### **Laplace Transforms:**

Definition, Transforms of Elementary functions, Properties of Transforms, Inverse Transforms, Transforms of Derivatives, Unit Step Function, Dirac's Delta Function & Unit Impulse function. Periodic Functions, Application of Transform to the solution of ordinary Differential equations

### **PHYSICS**

**20 Questions**

#### **Oscillations**

Review of SHM, differential equation of a damped oscillator and different kinds of damping, methods of describing damping of an oscillator, differential equation of forced oscillator – its displacement, velocity and impedance, behaviour of displacement and velocity with driver's frequency, Power, bandwidth, Quality factor and amplification of forced oscillator, resonance in forced oscillators.

## **Optics**

Interference: Fresnel's biprism, Newton's rings, Michelson interferometer.

Diffraction pattern of plane transmission grating, dispersive power & resolving power of a grating.

Polarization: Methods of polarization, analysis of polarized light.

Lasers: LASER generation, Helium-Neon, Ruby and semiconductor lasers.

## **Special Theory Of Relativity**

Inertial and non-inertial frames of reference, Galilean transformation, Michelson Morley Experiment, postulates of special theory of relativity, Lorentz transformation, Simultaneity, Length contraction, Time dilation, Doppler effect, Addition of velocities, variation of mass with velocity, mass-energy relation.

## **Quantum Physics**

Quantum theory of light, X-rays production, spectrum & diffraction (Bragg's law), photoelectric effect, Compton effect, uncertainty principle and applications, time-dependent and time-independent Schrodinger equations and its interpretation, normalization, expectation values, Schrodinger's equation applied to a particle in a box (infinite potential well)

## **Physics Of Materials**

Chemical bonding forces and energies, Primary and Secondary bonds, Space Lattices, Symmetries in a cubic lattice, Crystal Structures (cubic and hexagonal cells), Assignment of coordinates, directions and planes in crystals, Linear, Planar and Space densities in crystals, X-ray diffraction and Bragg's law, Crystal Defects.

## **CHEMISTRY**

**20 Questions**

### **Chemical Bonding**

Molecular orbital and valence bond theories of bond formation, application of molecular orbital theory to the formation of homonuclear and heteronuclear diatomic molecules.

### **Crystal Structure**

Crystal Structures (cubic and hexagonal cells), close packed morphology (Hexagonal and cubic close packing), single and polycrystalline structures, interstitial spaces (trigonal, tetrahedral and octahedral voids), structure of ceramics (NaCl, Zinc blende, silica and silicates, diamond crystal, graphite).

### **Coordination Chemistry**

Introduction, crystal field theory, splitting of octahedral, tetrahedral and square planar complexes, crystal field stabilization energies of octahedral and tetrahedral complexes and its applications.

### **Environmental Chemistry**

Classification of pollutants, the greenhouse effect, toxic heavy metals, organic compounds as environmental pollutants, ozone layer depletion.

### **Corrosion**

Types of corrosion, dry and wet corrosion and their mechanisms, types of electrochemical corrosion (galvanic, pitting, waterline, differential aeration, soil, microbiological, inter-granular, stress corrosion), factors influencing corrosion, prevention of corrosion.

### **Thermodynamics**

State functions, work, heat, internal energy, enthalpy, heat capacity. Zeroth law of thermodynamics, first law of thermodynamics, reversible-irreversible, isothermaladiabatic expansion & compression of an ideal gas, carnot cycle and efficiency of reversible engines, enthalpy change and its measurement, second and third law of thermodynamics, concept of entropy, Gibb's and Helmholtz equations. Simple numericals for calculating w, q,  $\Delta E$ ,  $\Delta H$  and entropy.

### **Solution Chemistry**

Liquid and liquid mixtures, vapour pressures, saturation, vapourliquid equilibrium calculations using Raoult's law, colligative properties.

## **Polymers**

General introduction, classification of polymers, mechanism of addition and condensation polymerization, properties and uses of polyester, polyamide, epoxy, phenolformaldehyde and silicon resins.

## **GENERAL ENGINEERING**

**20 Questions**

### **ELECTRICAL & ELECTRONICS ENGINEERING (10 Questions)**

#### **DC Circuits and Single Phase A.C. Fundamentals**

General introduction to Electrical Engineering, Kirchoff's Laws, Mesh and Node analysis, Superposition theorem, Thevenin Theorem, Norton Theorem, Maximum power transfer theorem. Generation of alternating voltages and currents, Equations for AC quantities, cycle, time period, frequency, amplitude, calculation of R.M.S values, Average values for different waveforms, solution and phasor diagram of single phase AC circuit with sinusoidal source of excitation, series and parallel combination of R-L-C circuits.

#### **Three Phase AC Fundamentals**

Disadvantages of single phase system, star and delta connection in three phase circuits, relation between line and phasor quantities, power in three phase system, solution of three phase balanced circuits, power and power factor measurement by two wattmeter method.

#### **Electrical Machines**

Basic principle and construction of transformers, E.M.F equation, approximate equivalent circuit, phasor diagram, losses, efficiency and condition for maximum efficiency, open circuit and short circuit test on single phase transformers. Operating principle and construction of three phase induction motors, Operating principle and construction of DC Machines, types of DC Machine & E.M.F equations

#### **Semiconductor Diodes and Transistors**

General introduction to Electronics. Concept of stiff Voltage and Current Source. PN Junction, Depletion layer, Barrier Potential, Forward and Reverse Bias, Breakdown voltage, V-I characteristics, Half wave and full wave rectifiers, Zener diode. Introduction to junction transistors, Transistor amplifying action, CB, CE, CC-configuration characteristics.

#### **Digital Electronics**

Binary and Hexadecimal number system, conversion of numbers from one system to other, OR, Relations: Commutative, Associative and Distributive Laws. Concept of flip-flops, RS, JK flip flops, shift register

### **MECHANICAL ENGINEERING (5 Questions)**

#### **Mechanics Force**

Resolution of a force, composition of forces, moment of force, properties of couple. Equilibrium of bodies, kinematics and kinetics of a particle, Newton's laws of motions, types of motions, D'Alembert's Principle, centroid, centre of gravity, Momentum and Impulse, conservation of energy, conservation of linear momentum, collision of elastic bodies, co-efficient of restitution, Friction, laws of friction, angle of friction, angle of repose, Mechanical vibrations, free vibration, forced vibrations, Simple Harmonic Motion (SHM), amplitude, frequency and time period in SHM.

#### **Mechanics Of Materials**

Mechanical properties of materials, stress, types of stress, strain, types of strain, Poisson's ratio, Hook's law, strain energy, elastic limit, elastic constants (E, G and K), stress-strain curve.

### **Manufacturing Technology**

Different parts of a lathe, operations performed on lathe: centring, turning, knurling chamfering etc. CNC machining, Fitting operations: sawing, chipping, fitting, grinding, marking, reaming, tapping, drilling & external threading, safety precautions in welding, types of welding, types of welding joints.

### **Engineering Drawing**

Various type of lines used in engineering drawing, principles of 1st angle, 2nd angle, 3rd angle and 4th angle Projections, orthographic projection of points, lines, planes and solids, developments of surfaces, Isometric projection.

### **CHEMICAL ENGINEERING (5 Questions)**

#### **Introduction to Engineering Calculations:**

Units and dimensions, conversion of units, systems of units, dimensional homogeneity and dimensionless quantities, Conversions involving process variables like pressure, temperature, density/specific gravity, mass, volume, flow rate and chemical composition. Chemical equations and stoichiometry.

#### **Systematic analysis of chemical processes:**

Unit operations and unit processes, material and energy balances, thermodynamics, chemical reaction engineering, Introduction to material balances without chemical reactions. Limiting and excess reactants. Recycle, Bypass and Purge calculations.

#### **Gas laws and humidity calculations**

P-V-T relations for gas and gas mixtures, calculations using ideal gas law, Use of compressibility charts and equations of state (Van der Waals') to predict real gas properties from experimental data. Vapour pressure calculations, Clausius Clapeyron equation, saturation vapour pressure, vapour-liquid equilibrium calculations using Raoult's law and Henry's law, relative humidity, partial saturation and humidity.

### **COMMUNICATION SKILLS**

**10 Questions**

#### **Writing Skills**

Basics of Grammar – Word Order, Sentence Construction, Placing of Subject and Verbs, Parts of Speech - Nouns, Pronouns, Adjectives, Verbs, Use of Tenses, Articles, Active-Passive

#### **Non-Verbal Communication, Body Language**

Components of Non-Verbal Communication and Body Language

#### **Communication in organizations**

Informal and formal communication, Communication Networks



### SAMPLE QUESTIONS FOR PUMEET - 2020

- Q.1. The value of the integral  $\iint_D (x^2 + y^2) dx dy$  over the region  $D$  lying above the  $x$  axis and within a circle centred at the origin and radius 2 is
- $8\pi$
  - $4\pi$
  - $2\pi$
  - $\pi$
- Q.2. The Laplace transform of the unit impulse function  $\delta(t - a)$  is
- $e^{-as}$
  - $e^{as}$
  - $e^{-at}$
  - $e^{at}$
- Q.3. In liquid drop model, the surface energy of nucleus of mass number  $A = N + Z$  is
- proportional to  $Z(Z-1)A^{-1/3}$
  - proportional to  $A$
  - proportional to  $ZA^{-1/3}$
  - proportional to  $A^{2/3}$
- Q.4. The process competing the gamma ray emission is
- electron capture
  - external conversion
  - internal conversion
  - Auger emission
- Q.5. For the complex  $[\text{Co}(\text{NH}_3)_6]^{+2}$ , crystal field splitting energy is  $12000 \text{ cm}^{-1}$ . The crystal field stabilization energy is:-
- $-8000 \text{ cm}^{-1}$
  - $-9600 \text{ cm}^{-1}$
  - $-21,600 \text{ cm}^{-1}$
  - $-16000 \text{ cm}^{-1}$
- Q.6. The co-ordination number of sulphur in Zinc Blende crystal structure is:-
- 2
  - 4
  - 6
  - 8
- Q.7. Magnetizing component of no-load current is
- In phase with applied voltage.
  - Leads the applied voltage by  $90^\circ$
  - Lags behind the applied voltage by  $75^\circ$
  - Lags behind the applied voltage by  $90^\circ$
- Q.8. Super position theorem can be applied only to \_\_\_\_\_ networks.
- Linear
  - Non-linear
  - linear-bilateral
  - Bilateral.
- Q.9. The point, through which the whole weight of the body acts, irrespective of its position, is known as
- moment of inertia
  - centre of gravity
  - centre of percussion
  - centre of mass
- Q.10. The rate of change of momentum is directly proportional to the impressed force, and takes place in the same direction in which the force acts. This statement is known as
- New ton's first law of motion
  - New ton's second law of motion
  - New ton's third law of motion
  - none of these
- Q.11. One kilometer is equal to how many miles?
- 0.84
  - 0.50
  - 1.6
  - 0.62
- Q.12. 'Bar' is the unit of
- Temperature
  - Heat
  - Atmospheric pressure
  - Current
- Q.13. The past continuous for the sentence "I am repairing this machine" is :
- I had repaired this machine
  - I had been repairing this machine
  - I have been repairing this machine
  - I was repairing this machine
- Q.14. Which of the following is the passive voice for the sentence "The cat is chasing the mouse"
- The mouse is chased after by the cat
  - The mouse was chased by the cat
  - The cat will be chasing the mouse
  - The mouse is being chased by the cat