

**BANARAS HINDU UNIVERSITY**  
(Established by Parliament by Notification No. 225 of 1916)



**Information Bulletin**

For admission to Ph.D. programmes  
**(Under the Faculty of Engineering & Technology and Faculty of Agriculture)**  
Through Research Entrance Test (RET) 2012 and Direct Admission (RET-Exempted)

The Banaras Hindu University invites applications for admission to programmes leading to Doctor of Philosophy Degree (herein after referred to as the Ph. D. Degree) in various disciplines (under the Faculty of Engineering and Technology and Faculty of Agriculture) as given in Section A for registration in July 2012 and January 2013 semesters. Registration of candidates shall be done as per norms decided by the Academic Council of the University from time to time, provided the result of the qualifying examination is declared on or before the start of counseling for admission to a semester. Admission to the said programme shall be (a) through the Research Entrance Test (RET) to be conducted on 08<sup>th</sup> July 2012 (for Faculty of Agriculture only) and (b) directly for the RET exempted categories (as detailed at Section H of this information bulletin) for the said two Faculties.

**A. DISCIPLINES AVAILABLE UNDER THE FACULTY OF ENGINEERING AND TECHNOLOGY AND FACULTY OF AGRICULTURE FOR ADMISSION TO Ph.D. PROGRAMME (in the Academic Session 2012-13)**

i) Table – 1 (a) - Disciplines in which Ph.D. Scholars will be enrolled in the University through RET and RET-Exempted categories in the academic session 2012-13:

Sl. No.	Faculty	Main disciplines
1.	<b>Agriculture</b>	Agricultural Economics, Agricultural Statistics, Agricultural Engineering (Soil and Water Conservation Engineering), Agronomy, Animal Husbandry & Dairying, Entomology & Agricultural Zoology, Extension Education, Genetics & Plant Breeding, Horticulture, Mycology & Plant Pathology, Plant Physiology, Soil Science & Agricultural Chemistry, Agricultural Engineering (Post Harvest & Bio Process Engineering), Food Science & Technology.
<b>IMPORTANT:</b>		
NET (JRF), NET (LS) and GATE qualified candidates shall be eligible for direct admission (besides other categories of candidates listed at Section H of this information bulletin) without appearing in RET. However, if candidates belonging to NET (LS)/ GATE wish to be considered for BHU research fellowship, they will have to appear in RET and be admitted/ short-listed as RET candidate (except for faculty of Engineering and Technology where existing fellowship norms shall apply).		

ii) Table - 1 (b) – Disciplines in which admission will be made ONLY FROM RET-Exempted category in the academic session 2012-13:

	Faculty	Main disciplines in which admission will be made ONLY FROM RET – Exempted Category
1.	<b>Engineering &amp; Technology</b>	Applied Chemistry, Applied Mathematics, Applied Physics, Biochemical Engineering, Biomedical Engineering, Ceramic Engineering, Chemical Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, Electronics Engineering, Industrial Management, Materials Science & Technology, Mechanical Engineering, Metallurgical Engineering, Mining Engineering, Pharmaceuticals, Systems Engineering.
<b>NOTE :</b>		
(i) In all of the aforesaid disciplines admission to the Ph.D.		

		<p>Programme in the Departments of in Faculty of Engineering &amp; Technology admission will be through NET-JRF/ NET-LS /GATE/ GPAT* (*for registration/admission in Pharmaceutics only) only. For Direct Admission (RET-exempted), see section H.</p> <p>(ii) Candidates holding non-engineering degree and intending to seek admission to the disciplines under Faculty of Engineering and Technology shall consult Appendix II for determining eligibility of their PG level subject for such disciplines provided they have valid GATE score card/ NET qualified certificate.</p>
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## B. MAIN DISCIPLINE – ALLIED DISCIPLINE COMBINATIONS FOR RET CANDIDATES

To provide an opportunity for inter-disciplinary research a candidate has an option to be admitted to an allied discipline by appearing in the RET of related main discipline. The details about it are given below:

- i) A candidate shall appear in the RET of the discipline in which he/she has done his/her Post Graduate Course unless otherwise provided in minimum eligibility conditions (section C).
- ii) In such cases, where RET is not conducted in the candidate's discipline at PG level but the said discipline is an "Allied Subject" (*as per list at Appendix I*) to one of the main disciplines in which RET is conducted, he/she shall appear in the RET for the said main discipline.
- iii) Further, in such cases, where RET is not conducted in the candidate's discipline at PG level and the said discipline is an allied subject to more than one main disciplines in which RET is conducted, he/she may opt for RET in a discipline which is closest to his/her P.G. discipline in his/her opinion..
- iv) However, in cases at *para (ii) and para (iii) above*, mobility of candidates to other disciplines would be restricted to only such disciplines where the main discipline of the candidate (in which he/she possesses qualifying degree) is an allied subject.
- v) Further, in a main discipline, the maximum number of admissions that can be given to candidates from allied discipline shall be 30% of the vacancies in the main discipline. However, if in any discipline, the Vacancies are not filled up due to lack of candidates from the main discipline, students from the allied discipline may be admitted.
- vi) List of allied disciplines corresponding to a main discipline in which the candidate is eligible for admission by virtue of appearing in the RET of the main discipline is given below:

**IMPORTANT: The candidates giving choices of allied disciplines (maximum 03) belonging to the Faculties other than the Faculty of Engineering and Technology and the Faculty of Agriculture may note that counseling in such allied disciplines shall be held in August' 12 and they will be called to participate in the counseling process, as per rules for such Faculties in force at that point in time, subject to the condition that they are short-listed in the discipline in which they appeared for RET. However, all similarly placed RET Exempted candidates will be called for counseling in the allied disciplines in the same manner.**

Main Discipline in which candidate appears for the RET	Allied Disciplines in which candidate is eligible for admission besides Main Discipline
<b>FACULTY OF AGRICULTURE</b>	
<b>Agricultural Economics</b>	Economics
<b>Agricultural Statistics</b>	-
<b>Agronomy</b>	Biotechnology
<b>Animal Husbandry and Dairying</b>	Applied Microbiology, Zoology, Microbiology, Food Science & Technology,
<b>Entomology and Agricultural Zoology</b>	Zoology, Biotechnology
<b>Extension Education</b>	Psychology, Community Medicine
<b>Agricultural Engineering (Soil and Water Conservation Engineering)</b>	Agronomy
<b>Genetics and Plant Breeding</b>	Biotechnology
<b>Horticulture</b>	Biotechnology, Food Science & Technology
<b>Mycology and Plant Pathology</b>	Biotechnology, Microbiology
<b>Plant Physiology</b>	-

Main Discipline in which candidate appears for the RET	Allied Disciplines in which candidate is eligible for admission besides Main Discipline
Soil Science and Agricultural Chemistry	Microbiology
Agricultural Engineering (Post Harvest & Bio Process Engineering)	Food Science & Technology
Food Science & Technology	Animal Husbandry and Dairying

#### Note

- i) The candidates are required to give their preferences of main discipline and allied disciplines to the maximum of three (03) choices in the Application Form. The choice of discipline once indicated in the Application Form shall be final and shall not be changed subsequently on any ground. *(There can be less than 2 allied disciplines to a main discipline in which case choice will be limited to given allied disciplines only).*
- ii) Subject to a candidate qualifying in the main discipline and/or its allied disciplines, he/she can appear in the counseling/interview for admissions at such departments as per schedule notified in the results later.
- iii) For being eligible to apply for RET, a candidate must satisfy himself/herself that he/she satisfies the prescribed minimum eligibility requirements (Section 'C').
- iv) A candidate can appear in RET of only one discipline as RET will be held on one date and time for all the disciplines.
- v) In case of operational difficulty, any of the disciplines for RET may be withdrawn at any stage.
- vi) This combination of main and allied discipline will also be applicable for RET-Exempted category candidates.

### C. MINIMUM ELIGIBILITY REQUIREMENTS FOR QUALIFYING EXAMINATION & PERCENTAGE OF MARKS:

a. A candidate shall be required to have:

- (a-1) passed the qualifying examination securing the minimum percentage of marks and a minimum of 50 marks in Academic Record as per details given below:

#### Details of Qualifying Examinations:

Note: (i) Any degree mentioned under the qualifying examination for each Faculty in the following pertains to the degree awarded by this University or any other University established by law for the time being in force or any other degree recognized as equivalent thereto in that subject.

- (ii) For SC/ST/PC/OBC/OBC-MINORITY candidates, see the provision given at (a-2):

#### B. FACULTY OF ENGINEERING & TECHNOLOGY

- (a) **Qualifying Examinations:** (i) Bachelor's/ Master's degree in the concerned branch of engineering **OR** (ii) Bachelor's/ Master's degree in Pharmacy for admission to the Ph. D. programme in the Department of Pharmaceutics **OR** (iii) M.A./M.Sc. in the concerned subject for admission to the Ph. D. programme in the Departments of Applied Chemistry, Applied Mathematics and Applied Physics. **OR** (iv) The qualification in any one of the allied subjects pertaining to the department/ school/ discipline as per the details given in the **Appendix - II**.
- (b) **Qualifying Marks:** (i) At least 60% in the aggregate or equivalent grade point average in the qualifying examination, with Master's degree in Engineering/ Technology/ Pharmacy or equivalent as qualifying examination. **OR** (ii) At least 70% in the aggregate or equivalent grade point average in the qualifying examination, with Bachelor's degree in Engineering/ Technology/ Pharmacy or equivalent as qualifying examination. **OR** (iii) At least 60% in the aggregate or equivalent grade point average in the qualifying examination, with Bachelor's degree in Engineering/ Technology/ Pharmacy or equivalent as qualifying examination and having a minimum of 2 years of experience in research/industry/ teaching in the relevant area. **OR** (iv) A minimum of 5 years of experience in research/R & D organization in a technical capacity and sponsorship by the organization with Bachelor's degree in Engineering/ Technology/ Pharmacy or equivalent as qualifying examination. **OR** (v) At least 60% in the aggregate or equivalent grade point average in the qualifying examination, with Master's degree in Science/ Business Management/ Agriculture as qualifying examination. **OR** (vi) At least 60% in the aggregate or equivalent grade point average in the qualifying examination, with M.D./M.S as qualifying examination.

#### C. FACULTY OF AGRICULTURE

- (a) **Qualifying Examination: Essential:** A candidate having (i) Master's degree in Science/Agriculture (M.Sc./ M.Sc (Ag.) in the concerned subject **OR** (ii) Master's degree in Science/Agriculture (M.Sc./ M.Sc (Ag.) in any one of the allied subjects pertaining to the department as per the list given in the **Appendix - I**. (iii) M.Tech. in Agricultural Engineering/M.E. (Agricultural Engineering) or equivalent degree with specialization in Soil and Water Conservation Engineering/Irrigation and Drainage Engineering/Soil and Water Engineering/ Water

Resources Engineering or M.Sc. (Ag.) in Soil and Water Conservation for admission in Ph.D. in Agricultural Engineering (Soil and Water Conservation Engineering), (iv) M.Sc.(Ag.)/M.Sc. in Agricultural Statistics/M.Sc. in Statistics for Admission in Ph. D. in Agricultural Statistics under 10+2+4+2 system of education would only be eligible.

The candidates having 10+2+3+2 system of education will also be eligible for admission in Ph.D. through RET only in the following Disciplines:

(1) Food Science & Technology; (2) Plant Bio-Technology; (3) Agricultural Statistics; (4) Agro-Forestry

(b) **Qualifying Marks:** At least 55% in aggregate or equivalent grade point average in the qualifying examination.

**(a-2) RELAXATION IN MINIMUM PERCENTAGE OF MARKS/ACADEMIC RECORD FOR Scheduled Castes (SC)/Scheduled Tribes (ST) / Physically Challenged (PC) / OTHER BACKWARD CLASSES (OBC/OBC-MINORITY) CANDIDATES:** There shall be a relaxation of 5% marks (or equivalent grade point average) for SC/ST and PC candidates in the minimum marks required in the qualifying examination. The minimum marks required for SC/ST and PC candidates in the **Academic Record** shall be 45 and for OBC/OBC-MINORITY candidates 47.50, respectively. However, a Physically Challenged (PC), SC/ST/OBC/OBC-MINORITY candidate shall not get the double benefit of being SC/ST/ OBC/OBC-MINORITY as well as PC candidate in the above relaxations.

### **CALCULATION OF ACADEMIC RECORD:**

**Case 1** Where postgraduate degree is considered as the qualifying examination, and

a) Marks are awarded in Postgraduate Examination

$$M = (X_1 + 0.6 X_2 + 0.25 X_3 + 0.15 X_4)/2,$$

b) Marks are not awarded in Postgraduate Examination

$$M = (0.6x X_2 + 0.25x X_3 + 0.15x X_4)$$

**Case 2** Where undergraduate degree is considered as the qualifying examination,

$$M = (X_2 + 0.4 X_3 + 0.3 X_4)/1.7,$$

**Case 3** Where the candidate has passed Higher Secondary Examination only (instead of High School & Intermediate both)

$$M = (X_1 + 0.6x X_2 + 0.4x X_5)/2$$

where,

M = Marks for the academic record,

X<sub>1</sub> = Percentage of marks obtained at the post-graduate examination,

X<sub>2</sub> = Percentage of marks obtained at the under-graduate examination

X<sub>3</sub> = Percentage of marks obtained at the intermediate/higher secondary examination,

X<sub>4</sub> = Percentage of marks obtained at the high school examination, and

X<sub>5</sub> = Percentage of marks obtained at the higher secondary examination.

**Note: 'M', X<sub>1</sub>, X<sub>2</sub>, X<sub>3</sub>, X<sub>4</sub>, X<sub>5</sub> will be calculated upto two places of decimal. 50 Marks in Academic record means mark should be 50 and above. Rounding for lower marks not applicable.**

#### **Example (Case 1):**

If X<sub>1</sub> = 56.10%, X<sub>2</sub> = 60.39%, X<sub>3</sub> = 62.25%, X<sub>4</sub> = 55.65%

$$M = [56.10 + (0.6 \times 60.39) + (0.25 \times 62.25) + (0.15 \times 55.65)]/2$$

$$M = 58.11$$

- NOTE:** (i) A candidate appearing in the final year of the Qualifying Examination may also apply and appear in the RET (wherever applicable). A candidate may be admitted for the Ph. D. programme at the beginning of any Semester provided the result of the qualifying examination is declared before the start of the counseling for admission to the Ph.D. programme and he/she fulfils the eligibility criteria.
- (ii) If the applicant has passed the qualifying examination *where grades are awarded and:*
- (a) Where the Grade Sheet does not mention the equivalent percentage of marks from grade points, the candidate should submit such a Certificate of conversion from the concerned Institution mentioning either the converted percentage, or the formula for the actual conversion of grade point average to percentage of marks.
- (b) Where the Grade Sheet itself mentions the equivalent percentage of marks from grade points, or the formula for such conversion, the candidate should get both sides of the Degree/Grade Sheet photocopied showing the equivalent percentage of marks/conversion formula and enclose with the Application Form.
- (c) In case there is no conversion formula for computing the percentage, CGPA (out of 10) multiplied by 10 will constitute the percentage. If the CGPA is available out of 4, then CGPA multiplied by 25 will constitute the percentage.
- (d) For the candidates belonging to the RET Exempted category, the minimum benchmark of obtaining the academic record of 50 shall not apply. However, the Academic Record for such candidates would still be calculated, as per the aforesaid formula, for the purposes of determining the *inter se* merit amongst the RET Exempted category applicants.
- (iii) "Aggregate percentage of marks" will include grace marks awarded to a candidate.

- (iv) *A candidate already possessing a Ph. D. degree of this or any other University shall be eligible to be admitted to the Ph. D. programme for an additional Ph. D. degree in a subject other than the subject in which he/she already possesses the Ph. D. Degree. The admission of such a candidate will be at the discretion of the Vice-Chancellor, who, on the basis of specific recommendation and full justification by the Departmental/School Research Committee (DRC/SRC) after considering certain relevant criteria such as, the synopsis of the proposed topic, relevance of the proposed topic and its relationship with the topic of the first Ph. D., etc. will take a final decision.*
- (v) A Senior Resident/Service Senior Resident of the Faculties of Medicine, Ayurveda & Dental Sciences shall also be eligible to appear in the test, subject to fulfilling other eligibility conditions.
- (vi) Applicant must satisfy himself/herself about fulfilling the minimum eligibility requirements as prescribed above before filling the Application Form.**

#### **D. RESERVATIONS:**

##### **(i) SCHEDULED CASTES/SCHEDULED TRIBES:**

Seats shall be reserved for Scheduled Caste (15%) and Scheduled Tribe (7.5%) candidates in each discipline. **Admission against these seats will be made provided the candidate has passed the Qualifying Examination and qualifies RET as provided in section I of this Information Bulletin.**

**Each SC/ST candidate shall have to submit a self attested copy of the Certificate mentioning that the candidate belongs to SC/ST community. Such certificates shall be subject to verification from the concerned District Magistrate. The following are empowered to issue the certificate:**

- (a) District Magistrate/ Additional District Magistrate/ Collector/ Deputy Commissioner/ Addl. Deputy Commissioner/ Deputy Collector / 1<sup>st</sup> Class Stipendiary Magistrate/ City Magistrate/ Sub-Divisional Magistrate/ Taluka Magistrate/ Executive Magistrate/ Extra Assistant Commissioner.
- (b) Chief Presidency Magistrate/Addl. Chief Presidency Magistrate/Presidency Magistrate.
- (c) Revenue Officer not below the rank of Tehsildar.
- (d) Sub-Divisional Officer of the area where the candidate and/or his family normally resides.
- (e) Administrator/Secretary to the Administrator/ Development Officer (Lakshadweep Islands).

**Candidates must note that Certificate from any other person/authority shall not be accepted in any case.** If the candidate happens to belong to SC or ST, his/her caste/tribe must be listed in the appropriate Govt. of India schedule. The caste Certificate should clearly state: (a) Name of his/her caste/tribe (b) whether he/she belongs to SC or ST (c) District and the State or Union Territory of his/her usual place of residence and (d) the appropriate Govt. of India schedule under which his/her caste/tribe is approved by it as SC or ST.

However, if a student seeks admission under some other category (for example: PC/Employee Ward etc.) the candidate should satisfy the minimum eligibility requirement for that category.

##### **(ii) OTHER BACKWARD CLASSES (OBCs and OBC-MINORITIES):**

As per the decision of the Central Government, the Ministry of Human Resource Development, vide Resolution No. F 1-1/2005-U.1 A/846 dated 22nd December' 2011 and Office Memorandum of the same date, clarified that reservations in admission to the educational institutions as elucidated in its earlier Resolution would continue to apply subject to a sub-quota of 4.5 % for minorities, as defined in clause (c) of section 2 of the National Commission for Minorities Act, 1992 out of the 27 % reservation for Other Backward Classes, in accordance with the Central List of SEBCs/OBCs notified state-wise from time to time by the Ministry of Social Justice and Empowerment with exclusions notified by the Department of Personnel and Training vide OM No. 36012/22/93-Estt (SCT) dated 8.9.1993 as amended by OM No. 36033/3/2004-Estt.(Res.) dated 9.3.2004 and as modified by said Ministries from time to time, as applicable for the purposes for implementing reservation in admission to Central Educational Institutions as defined in the CEIs Act, 2006. Therefore, as per referred to notifications, such OBCs as belonging to Muslims, Sikhs, Christians, Buddhists and Zoroastrians (Parsees) communities will also be considered under 4.5% sub-quota for minorities within the 27% quota for OBCs as provided above.

Accordingly, an OBC candidate (not belonging to the aforesaid 05 minority communities) will be required to mark/darken the OBC circle/checkbox, whereas, an OBC-Minority candidate will be required to mark/darken OBC-Minority circle/checkbox provided in the application form. Options once exercised shall not be changed later on.

**If an OBC/OBC-Minority candidate seeks admission under some other category (for example: PC etc.) the candidate should satisfy the minimum eligibility requirement for that category.**

The authorities to issue the OBC/OBC-Minority certificate are the same as in case of SC/ST provided in section D(i) above. The caste in the OBC/OBC-Minority certificate will be those only which are in the list of Central Govt. Further the OBC/OBC-Minority certificate should clearly mention that the candidate is not under creamy layer.

##### **(iii) PHYSICALLY CHALLENGED:**

3% seats shall be reserved for Physically Challenged Candidates: Visually Impaired (1%) + Hearing Impaired (1%) + Orthopaedically Handicapped (1%) (on horizontal reservation basis). Such candidates will have to submit a self attested copy of Disability Certificate issued by the District CMO with the Application Form. The candidates

called for counseling for possible provisional admission will be examined by a Medical Board constituted by BHU and if necessary, will be referred by the Medical Board to other recognized bodies for the purpose, as per criteria fixed by the University. The decision of the Medical Board constituted by BHU will be final. The RET for Blind candidates will be held at Varanasi Centre only.

**‘Writer’ for Blind Candidates:**

‘Writer’ will be provided by the University to each blind candidate subject to the condition that the writers so provided for the blind candidates appearing in RET shall have secured less than 45% marks in the Graduate course. Such a candidate is required to apply for ‘writer’ to the Controller of Examinations on the prescribed application form for the purpose *at least 15 days prior to the date of the RET*. For this purpose, the candidate has to collect the form from the Office of the Controller of Examinations, and submit the same affixing a passport size photograph similar to that affixed on the application form. Such candidate will have to appear before the Head, Department of Ophthalmology for clinical examination and his opinion/recommendation will be considered before providing ‘writer’. All the blind candidates will be accommodated at one Centre at Varanasi only.

**Consideration of Reserved Category Meritorious Candidates as General Candidates:**

In a discipline, if the merit of a reserved category candidate is more than or equal to the merit of the last admitted general candidate in that discipline, the reserved category candidate will be treated as general candidate in that discipline. Further, if the candidate avails any other facility under reservation such as relaxation in minimum eligibility requirement, age relaxation, Hostel allotment, then the candidate will be treated under concerned reserved category.

**N.B. for ‘Physically Challenged’/SC/ST/OBC/OBC-Minority Candidates:** In certain Courses/ Departments/Faculties (like Dept. of Physical Education), admission of Physically Challenged candidates is not permissible. The number of Vacancies reserved for SC/ST/PC/OBC/OBC-MINORITIES categories shall be reduced proportionately if number of qualified candidates is less than the specified number of seats. The vacant Vacancies reserved for SC/ST candidates, if any, shall be filled as per Government of India rules.

**E. DISCIPLINE NAME, DISCIPLINE CODE NUMBER & NUMBER OF VACANCIES: (For admission through RET)**

1. The candidates will be required to write the preferences for disciplines alongwith code numbers on the ‘Application Form’. The details about this are given below:

FACULTY OF AGRICULTURE								
Discipline	Code No.	No. of Vacancies	Discipline	Code No.	No. of Vacancies	Discipline	Code No.	No. of Vacancies
Agricultural Economics	740	12	Extension Education	744	17	Mycology and Plant Pathology	748	07
Agronomy	741	10	Agricultural Engineering (Soil and Water Conservation Engineering)	933	07	Soil Science and Agricultural Chemistry	750	06
Agricultural Statistics	745	04				Agricultural Engineering (Post Harvest & Bio Process Engineering)	935	01
Animal Husbandry and Dairying	742	06	Horticulture	747	07	Genetics and Plant Breeding	746	07
Entomology and Agricultural Zoology	743	04	Plant Physiology	749	05	Food Science & Technology	934	05
FACULTY OF ENGINEERING & TECHNOLOGY								
The seats of the Faculty are under RET –Exempted Category only								
Discipline	Code No.	No. of Vacancies	Discipline	Code No.	No. of Vacancies	Discipline	Code No.	No. of Vacancies
Applied Chemistry	961	15	Chemical Engineering	967	20	Materials Science and Technology	973	08
Applied Mathematics	962	12	Civil Engineering	968	02	Mechanical Engineering	974	12
Applied Physics	963	18	Computer Engineering	969	10	Metallurgical Engineering	975	13

Biochemical Engineering	964	06	Electrical Engineering	970	4	Mining Engineering	976	10
Biomedical Engineering	965	02	Electronics Engineering	971	03	Pharmaceutics	977	07
Ceramic Engineering	966	01	Industrial Management	972	04	Systems Engineering	978	01

## F. GENERAL NOTES:

- (i) Notwithstanding anything contained in the Ordinances, the eligibility requirements for the purpose of admission shall be only those which are mentioned in the Information Bulletin of the academic session concerned.
- (ii) All Ph. D. Scholars shall be governed by the Ph. D. Ordinances.
- (iii) The candidate shall be bound by BHU Statutes/Ordinances/Rules and Regulations framed from time to time.

## G. GENERAL RULES:

- (i) A candidate who satisfies the requirements mentioned in Section C should apply on the prescribed Application Form for **RET/RET (exempted)**.
- (ii) **Application Forms of candidates who have submitted forged/fake certificates or adopted fraudulent means shall be REJECTED without any intimation to the candidates. Further, such candidates shall be debarred from appearing in any subsequent Entrance Tests conducted by BHU.**
- (iii) Candidates are allowed to appear at the RET **provisionally** without any verification of eligibility. This is subject to the final verification of Mark sheets/Degrees/Certificates, validity of Certificates/Mark sheets of Qualifying Examination and also of involvement in the adoption of unfair means in any of the University Examination/Entrance Tests held earlier, at the time of admission.  
If an applicant appears at the Entrance Test and does not fulfill the minimum eligibility requirements, he/she cannot, at a later date, use that as a right to claim that he/she meets the eligibility requirements.

The University reserves the right to cancel/refuse admission at any point of time if it is found that:

- (a) Minimum eligibility requirements are not fulfilled.
- (b) False documentation has been done.
- (c) Any other similar valid reason.

Degrees/Certificates recognized by Association of Indian Universities (AIU) shall only be deemed as equivalent degrees/certificates. The Distance Education Council of Indira Gandhi National Open University (IGNOU)/Association of Indian Universities (AIU) is the only authority to recognize the Degrees/Certificates of Distance Education. Such Candidates are **provisionally** permitted to appear in the RET and will be required to submit certificates from Distance Education Council of IGNOU, New Delhi regarding recognition/approval of the courses. (iv) **Mere appearance in the Entrance Test or securing pass marks at the written Test does not entitle a candidate to be considered for admission to a discipline unless he/she fulfils the eligibility conditions. APPLICANTS MUST FULLY SATISFY THEMSELVES ABOUT THEIR ELIGIBILITY AS PRESCRIBED ABOVE, BEFORE FILLING IN THE APPLICATION FORM.**

- (v) Candidates appearing at the RET shall be subject to Rules, Regulations and Ordinances relating to the University examinations. Candidates found adopting unfair means (see Section M) shall be liable to punishment as per University rules.
- (vi) (a) In case of any dispute relating to the RET/admission to Ph.D., the decision of the DRC/SRC shall be final. An appeal may lie to the Vice-Chancellor, BHU against such decision. In no case any candidate shall take recourse to the court of law directly.  
(b) In case of any litigation relating to the RET/admission to Ph.D. course, the District Court of Varanasi and the High Court of Judicature of Allahabad shall only have the jurisdiction.

NOTWITHSTANDING ANYTHING TO THE CONTRARY CONTAINED ANYWHERE IN THE ORDINANCES OF THE UNIVERSITY, NO SCRUTINY/ RE-EVALUATION OF THE ANSWERSHEET OF THE TEST SHALL BE ALLOWED ON ANY GROUND. FURTHER, NO REPRESENTATION OR QUERY REGARDING THE CONDUCT OF THE TEST SHALL BE ENTERTAINED.

## H. DIRECT ADMISSION (Without appearing in RET, i.e., under RET Exempted category)

A candidate who fulfils one of the following requirements may be considered for direct admission to the Ph. D. programme without appearing in the RET:

- (i) **A candidate who is qualified in a national level test such as National Eligibility Test (NET-JRF), NET-LS (without fellowship), Graduate Aptitude Test for Engineering (GATE), Graduate Pharmacy Aptitude Test (GPAT), State Level Eligibility Test (SLET) accredited by UGC, Central or State Government.**
- (ii) A candidate who is a recipient of National Doctoral Fellowship or other fellowships from government/semi-government organizations **(through All-India selection procedure conducted by the**

**agency/ organisation for award of research fellowships)** such as Council of Scientific and Industrial Research (CSIR), University Grants Commission (UGC), All India Council for Technical Education (AICTE), Department of Science and Technology (DST), Defense Research and Development Organization (DRDO), Department of Atomic Energy (DAE), Department of Biotechnology (DBT), Indian Council of Agricultural Research (ICAR), Indian Council of Medical Research (ICMR), Ayurveda Yoga Unani Siddha Homeopathy (AYUSH) and similar National Level Organizations.

- (iii) A candidate appointed as a Research Fellows in projects approved by above bodies shall not be considered for this category {except those research fellows that are covered under provisions of para (i), (ii) and (x) of this section}.
- (iv) A candidate who is selected under Quality Improvement Program (QIP) of AICTE, Faculty Development Programme of a State Government or of UGC.
- (v) **An employee** of any other university/ institution/ college/ government department/ public sector undertaking/ R & D organization/ private industry, who is sponsored as a full-time candidate by the said organisation, with at least 2 years of experience and who is relieved on study leave for a period of not less than two years for pursuing Ph. D. programme in a Department/ School of the University.
- (vi) A foreign national who is a recipient of fellowship by Indian Council for Cultural Relations (ICCR), Government of India and who is sponsored by his/her government.
- (vii) **A self-financing foreign national who is admitted through the Embassies/High commission of his/her country or admitted under a MoU with due clearance from the Indian Missions abroad. As per revised guidelines/ instructions of the Department of Higher education, MHRD, GOI on grant of research visa, the foreigners who desire to undertake research in India, should therefore, apply to the concerned Indian Missions abroad with the brief synopsis of the research project to be undertaken in India, the details of places to be visited, previous visits, whether the scholar has secured admission into a recognized or reputed institution and evidence of financial resources.**

Note: 1. The equivalence of the degree possessed by the foreign candidates belonging to the Clauses IV.1 (b) (v) and (vi), shall be settled by the equivalence committee of the concerned faculty before their admission. They shall be admitted to the Ph. D. programme only if the degree possessed by them entitles them for enrolment as Ph. D. scholars in the universities of their own countries.

2. The supernumerary quota for self-financing foreign nationals shall be restricted to a maximum of 15% of the total available Vacancies in a Department/ School.

- (vii) A candidate who is already registered as a Ph. D. scholar in some other university and whose supervisor joins this University.
- (viii) **A candidate [employee or a research scholar {qualifying the criteria laid at para IV.1 (b) (i) or (ii) above}] of any other university/ institution/ college/ government department/ public sector undertaking/ R & D organization/ private industry, who is sponsored as a full-time candidate by the said organisation, with at least 2 years of experience, who shall work for his/her Ph. D. in his/her parent organization fulfilling the residency period requirement prescribed in Clauses VIII.3 (c) and (d) of these ordinances.**

The candidate is required to submit a sponsorship and work experience certificate from the parent organization.

The non-degree awarding institutions, government departments, public sector undertakings, R & D organizations and the private industries are only those, which are recognized as centers of research by the University as specified in *Annexure – C* of the Ph.D. Ordinances of the University.

- (ix) **A candidate occupying senior management position in a government department/ public sector undertaking/ R & D organization/ private institution/ private industry (of repute), which is not recognised as centre of research by the University, may be admitted to the Ph.D. programme with the approval of the Vice Chancellor provided he/she has at least 05 years of professional experience and is sponsored as a part-time candidate by the said organisation and the concerned DRC is convinced that the candidate can effectively pursue his/ her Ph.D. work in his/her parent organization fulfilling the residency period requirement prescribed in Clauses VIII.3 (c)- (e) of the Ph.D. ordinances of the University. The candidate is required to submit a sponsorship and work experience certificate from the parent organization.**
- (x) **A candidate, working in an externally funded research project in the University as a research personnel, may be allowed to register for Ph.D. in the University provided he/she publishes at least one research paper in peer refereed journals after joining the project (out of the research work generated in the project) or he/ she gets short-listed in RET conducted by the University. Provided further that in such cases, the consent of the PI and the supervisor (in case PI is not the supervisor) is available to the effect that the research work of the Project and that of the Ph.D. are overlapping and/or working in both simultaneously will not hamper the interest of either.**
- (xi) A teacher of the University or of the constituent / affiliated colleges of the University holding substantive post (including those on probation)
- (xii) A non-teaching employee of the University holding substantive post (including those on probation.)



- (xiii) Candidates holding P.G. degree (D.M./M.Ch.) in super-specialty subjects in the Departments of Faculty of Medicine.
- (xiv) Candidates meeting other condition(s) prescribed under **Section C (MINIMUM ELIGIBILITY REQUIREMENTS FOR QUALIFYING EXAMINATION & PERCENTAGE OF MARKS)** waiving off the requirement of appearance in the RET of the concerned discipline.

However, all the exempted candidates must apply in the prescribed RET Application Form in order to be eligible for consideration for admission. **The applications of the candidates belonging to the categories (iii) to (xiii) above should be routed through proper channel.**

## I. WRITTEN TEST:

a. Separate tests for admission to Ph.D. programmes under the Faculty of Agriculture [as detailed in Table 1 (a)] would be held in Varanasi only [Note: There shall be no RET for the Faculty of Engineering & Technology where the admissions are to be made from RET-Exempted category candidates only].

b. All candidates applying for the programme will be allowed to appear the written test without verification of eligibility.

c. The test shall be of 2 hours duration, carrying 300 marks, consisting of 100 multiple-choice questions. The distribution of questions shall be as follows:

- (i) There shall be **60** multiple choice questions (**Section 'A'**) of general nature to test the knowledge of the candidates in fundamentals and also to test their logical and analytical thinking, quantitative ability, language skills, computer awareness, general knowledge, etc. These questions shall be common to all the candidates appearing for the test in all the disciplines of the concerned faculty and shall be based on the subjects taught at the intermediate/higher secondary and graduate levels. The approximate distribution of questions in Section – A for different topics is given below:

i)	Logical and Analytical Thinking	:	15
ii)	Quantitative Ability	:	10
iii)	Computer Awareness	:	05
iv)	Fundamentals (Related to Faculty)	:	10
v)	General Knowledge	:	10
vi)	Language skills <sup>1</sup> (English)	:	10

- (ii) In addition, there shall be sets of 40 multiple choice questions (**Section 'B'**) of specialized nature related to a particular Discipline of the Faculty. The candidate shall be required to answer only one such set of 40 questions corresponding to the subject of his/her qualifying degree. These questions shall be of post-graduate level in the concerned subject.

d. **There shall be negative marking for incorrect answers.** Three marks shall be awarded for each correct answer, **while one mark shall be deducted for each incorrect answer.** Un-attempted questions shall be awarded zero marks.

e. For qualifying in the written test a candidate shall have to secure a minimum of 35% marks **in each Section (viz. Section 'A' & Section 'B') separately.** The qualifying marks for SC/ST/PC candidates shall be 30%, while for OBC/OBC-MINORITY candidates it will be 32.5%. The University reserves the right to modify the minimum qualifying marks for any or both of the Sections.

f. No scrutiny/revaluation of the answer books of the written test shall be allowed.

## J. APPLICATION FORM AND APPLICATION PROCESSING/TEST FEE:

Candidates may note that RET 2012 Information Bulletin and Application Form will not be sold from the office of Controller of Examinations. Accordingly, candidates will be required to fill up the Application form online and make online payment of prescribed Application Processing Fee through the payment gateway available on the BHU website. For further details visit the BHU website ([www.bhu.ac.in](http://www.bhu.ac.in)).

### J.1 APPLICATION PROCESSING/TEST FEE

A candidate desirous of applying under RET (Exempted) category or for appearing in RET shall pay the application Fee of Rs.600/- in case of General/OBC/OBC-Minority/PC Category and Rs.250/- in case of SC/ST Category.

## K. INSTRUCTIONS FOR COMPLETING THE APPLICATION FORM:

The Application Form for RET 2012 is available on the BHU website and is to be filled up online. Detailed instruction for filling up the application form, online payment of application fee and taking its printout for submission to the

Controller of Examinations, BHU (in addition to online submission) is provided on the BHU website. Candidates have to scan their photo and signature as per instruction given in the website and upload it.

After taking the printout of the online submitted application form, following steps need to be taken:

- i) Attach one passport size photograph (same passport size photograph which has been used for online submission). Do not paste the photograph (use clip to attach it on the printout of the online submitted application form).
- ii) Affix signature in the space provided using a blue/black ball pen.

## L. LIST OF DOCUMENTS TO BE ENCLOSED WITH THE APPLICATION FORM:

I. After successful online submission of application form, the candidate will be prompted to take a printout of the filled up application form containing the details he has filled in and the transaction details of online payment of application fee. Candidates are advised to keep with them a copy of printout of the same for their records and for submission to the office of the Controller of Examinations through post/by hand. The submitted printout should have the candidates' signature/photograph pasted at the proper place. An applicant must enclose the following documents with his/her Application Form:

- (i) **Mark-Sheets** of the **QUALIFYING EXAMINATION** and **all other previous examinations** such as High School, Intermediate, Graduation, Post-graduation (as the case may be).
- (ii) **Matriculation** or its **equivalent certificate** to ascertain the date of birth.
- (iii) GATE/NET/GPAT certificates (if claiming RET Exemption on these grounds)
- (iii) **Caste Certificate** issued by the appropriate authority, if admission is sought under SC/ST/OBC/OBC-Minority Category.
- (v) **Medical Certificate** issued by the appropriate authority, if admission is sought under Physically Challenged Category.
- (vi) **Character Certificate** issued by the institution last attended.
- (vii) **Transfer Certificate (TC)** issued by the institution last attended.

**NOTE:** If due to certain unavoidable reasons a candidate is unable to produce T.C., the Admission Committee may, at its discretion, allow a period of up to seven days for submission of the Transfer Certificate after the last date fixed for closure of the provisional admission to the course failing which the admission may be cancelled. An undertaking that "**My provisional admission be cancelled in case I fail to produce the Transfer Certificate from the institution which I last attended by ..... 2012**" shall be taken from each such candidate who has not submitted his/her Transfer Certificate before he/she is provisionally admitted. Original mark-sheet of the qualifying examination shall be returned to an admitted student only after he/she has submitted his/her T.C.

- (viii) **Migration Certificate** issued by the Institution/ University/ Board last attended.  
**NOTE:** Under exceptional situation a candidate may be allowed to submit the Migration Certificate within a period of 30 days from the date of his/her provisional admission.

Certain Institutions/Universities/Board issue either Transfer Certificate or Migration Certificate but not both. In such cases, the certificate issued to the candidate shall be accepted and the candidate shall be asked to give an undertaking to the effect that the Institution does not issue Transfer (or Migration) certificate as the case may be.

**NOTE:** All supporting documents may be attested by the candidate himself/herself.

## M. REASONS FOR REJECTION OF THE APPLICATION FORMS:

- (i) Submission of application form without online payment of requisite amount of application fee.
- (ii) Non-submission of self attested copies of Certificate(s) listed in Section N.
- (iii) Non-submission of photograph [one passport size photograph (same passport size photograph which has been used for online submission) is to be attached to the printout of the online submitted application form]. Submission of photocopy of photograph will also amount for rejection of candidature.
- (iv) Absence of signatures of the candidate at the appropriate place in the submitted hard copy of Application Form (filled up online).
- (v) Tampering of the Application Form and/or the supporting documents in any manner.
- (vi) Submission of Application Form by a candidate after erasing the entries made earlier by another candidate.

**NOTE:** If at any stage it is found that the applicant is not eligible for admission in a discipline under University rules, his/her candidature will automatically stand cancelled. Please note that thorough checking of Application Form, Minimum Eligibility requirements, Original documents in support of Academic Certificates and Categories-claimed will be done only at the time of admission/counseling (if called for the same). At that stage also the candidature of the applicant will stand cancelled, if he/she does not fulfill all the requirements for admission.

## N. CHECK LIST:

**VERIFY AND THOROUGHLY CHECK THE FOLLOWING BEFORE SUBMITTING/MAILING THE APPLICATION FORM:**

- (i) Have you attached the recent **photograph (same as used for online submission of application form) on the downloaded and printed application form (submitted online)?**
- (ii) Have you signed appropriately at the **prescribed** place in the application form?
- (iii) Have you made online payment of requisite amount towards application Fee?
- (iv) Have you enclosed documentary evidence(s) for category of reservation(s)?

**Important Dates:**

**Availability of RET-2012 Information Bulletin/Form on the BHU Website : 07.06.2012**  
**Last date for online submission of application forms : 25.06.2012**

**O. SUBMISSION OF APPLICATION FORM:**

- (i) The printout of the online submitted application form (after attaching photograph, putting in signature and attaching required certificates-See sections L, M, N above) can be submitted in an envelope to the "Office of the Controller of Examinations, Banaras Hindu University, on or before **June 25, 2012 by hand or by post at the following address-**

**The Controller of Examinations**  
Banaras Hindu University  
Varanasi – 221 005.

- (j) The applicants submitting their application forms at the BHU counter will be given acknowledgement slip.
- (ii) Application forms shall be received at the counter without any immediate scrutiny. The validity of the application form shall be based on its objective scrutiny to be conducted at the time of admission (if called for the same).
- (iii) **In no case, applications shall be entertained after the last date is over.**
- (iv) **Incomplete application forms, application forms not bearing the signature of the applicant and application forms received after the last date shall not be considered. Application forms without photograph or with photocopied photograph also shall not be considered. The university takes no responsibility for any delay or loss of application form or correspondence in postal transit/courier transit.**

**P. ADMISSION:**

Mere fulfilling the minimum eligibility requirements shall not entitle any candidate for admission to Ph.D. Course. No candidate shall be considered for registration for Ph.D. course if (i) he/she fails to submit all the required certificates in original at the time of counselling/interview or (ii) there is no availability of Vacancies in the discipline.

The admission shall be based on the merit of the candidates, which shall be determined separately for the candidates seeking admission through RET and through Direct Admission. The merit lists shall be based on the total marks obtained by the candidates from the components as mentioned hereunder:

1. Through RET: (i) The Written Test (ii) Academic Record (iii) Subjective Test/Personal Interview;
2. Through Direct Admission (RET-exempted): (i) Academic Record (ii) Subjective Test/Personal Interview

**Academic Record:** This shall be calculated as explained in **Section C**.

**Subjective Test/Personal Interview:** *Subjective Test/Personal Interview of the candidates shall be conducted at the level of the Department by a Committee.*

The subjective test/personal interview shall carry a maximum of 40 marks.

**Merit List:** The merit list shall be prepared by duly constituted committee as provided under the Ordinances.

The total marks obtained in the "Written Test, Academic Record and Subjective Test/Personal Interview" will be the final score used for preparing the merit list.

The Merit list so declared will not be valid for registration in next Semester and all those candidates whose names were forwarded after being short-listed in Written Test and finally not admitted, will be interviewed again for the next Semester (provided they are called as per the alphabetical list of the candidates qualifying the written test already

sent to the Head of Deptt.) and Merit List after taking into account marks in “Academic Record” & “Subjective Test/Personal Interview” would be drawn again.

The Head of the Department/Coordinator of the school shall then issue the letter of admission to the candidates. On receipt of the letter of admission, each candidate shall pay the prescribed fees and complete other official formalities pertaining to admission within the stipulated time (generally 3 days). The information regarding admission in the disciplines of Faculty of Engineering & Technology (RET-Exempted IT) and RET – Exempted other than IT shall be sent to the candidates by the respective Deans of the Faculties.

## **Q. PROCEDURE OF ADMISSION- RET, COUNSELING FOR THE DISCIPLINES UNDER THE FACULTY OF AGRICULTURE**

### **a) Date and Venue (Test Centre) of Written Test**

All RET applicants would be required to appear in the **written test scheduled on 08<sup>th</sup> July 2012 at Varanasi**. The venue of the Written Test will be:

**Institute of Technology  
Banaras Hindu university  
Varanasi 221005**

**Note:** RET-exempt category candidates will not be required to appear in the written test. Forms of all RET-exempt category candidates will be separately sent to the concerned department/school/centre for Counseling (Subjective Test/Interview) of the selection process.

### **b) Declaration of Result of Written Test**

Among those qualifying the Written Test, a maximum of three times the number of vacancies announced in a given discipline in Section E will be shortlisted to appear in the Counseling Process (subjective test/ personal interview) at the Departments concerned. The shortlisting will be strictly on the basis of merit order at written test. **The list of shortlisted candidates who are called for Counseling will be declared on the BHU Website (www.bhu.ac.in) by 15<sup>th</sup> July 2012.** Accordingly candidates are advised to visit the BHU website to know as to whether they have been shortlisted after the written test. Shortlisted candidates (RET) and all eligible RET-Exempted candidates should note that no Call Letters will be issued to them for attending the Counseling (subjective test/ personal interview).

### **c) Counseling (Subjective Test/ Interview) at the Department/Centre**

The Counseling of the shortlisted candidates (as would be announced on the BHU website) and all eligible RET exempt candidates will be held as per following schedule:

Counseling (subjective test/ personal interview) in the **Main Discipline Department:** 30<sup>th</sup> July 2012

Counseling (subjective test/ personal interview) in the **Allied Discipline Department:** 31<sup>st</sup> July 2012

**Note: The shortlisted/RET-Exempted candidates are required to report for counseling/ admission at 10.00 am on the aforesaid dates in the office of the concerned HoD/Coordinator of the Centre. The admission/ counseling process may take 2-3 days. The candidates shall come prepared for the same.**

## **Q. 1 PROCEDURE OF ADMISSION- COUNSELING FOR THE DISCIPLINES UNDER THE FACULTY OF ENGINEERING AND TECHNOLOGY**

Admission to the disciplines under the Faculty of Engineering and Technology is done for RET-Exempted candidates (as per See Section H) only. Accordingly, there is no RET for said disciplines.

(i) The applicants are required to report for counseling/ admission at the IT Directorate as per following schedule:

Discipline	
On 06.07.2012 at 10.00 a.m.	
1.	Computer Engg.
2.	Electronic Engg.
3.	Ceramic Engg.

Discipline	
On 07.07.2012 at 10.00 a.m.	
1.	Applied Maths
2.	Applied Physics
3.	Civil Engg.

Discipline	
On 09.07.2012 at 10.00 a.m.	
1.	Electrical Engg.
2.	Systems Engg.
3.	School of Bio Medical

Discipline	
On 10.07.2012 at 10.00 a.m.	
1	Applied Chemistry
2	School of Bio Chemical
3	Pharmaceutics

4.	Metallurgical Engg.
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4.	Mechanical Engg.
5.	Industrial Management
6.	Mining Engg.

4.	School of Materials Science
5.	.Chemical Engg

- (ii) **No separate call letter shall be issued for counseling/ admissions.** All eligible applicants who have submitted the application forms, alongwith prescribed enclosures, shall report for counseling as per the above schedule.
- (iii) **The Admissions shall be made strictly in order of merit which will be based on the academic record/subjective test/interview/any other criteria as per the decision of concerned Faculty/ Department/Centre.**
- (iv) **The admission/ counseling process may take 2-3 days. The candidates/ applicants shall come prepared for the same.**

#### NOTE for Section Q and Q.1:

- (i) In case the merits are equal, the candidate having higher percentage of marks at qualifying examination will be preferred.
- (ii) In case the aggregate percentages of marks at the qualifying examination are also equal then preference shall be given to a candidate who has higher marks in the concerned subject (if applicable).
- (iii) In case the candidates have equal marks in the above stated examinations, then the candidate senior in age shall be given preference.

#### R. ADMIT CARD: (For candidates appearing in RET)

Candidates can download the **PROVISIONAL ADMIT CARD** from the BHU website on or after 25th June 2012 by providing the unique code allotted to them at the time of online submission of application form. If a candidate is unable to download the Admit Card till **a week before the date of the Test**, he/she should contact the Office of the Controller of Examinations, BHU, Varanasi on Phone No. 0542-2368418. Candidates may be issued **duplicate Admit Card** on request from the Office of the Controller of Examinations one day to prior to date of Test, i.e. on 07.07.2012 on production of relevant documents for proof of identity and a self-attested photograph (identical to that pasted on the Application Form).

**Important:** The candidate should carefully examine the Admit Card received by him/her for all the entries made therein. In case of any discrepancy the candidate should inform the Controller of Examinations immediately.

**DUPLICATE ADMIT CARD WILL NOT BE ISSUED ON THE DAY OF THE TEST FROM THE OFFICE OF THE CONTROLLER OF EXAMINATIONS, BHU.**

#### NOTE:

- (i) The Tests shall be held on **July 08, 2012 in Varanasi only**. Venue details shall be provided on the Admit Card.
- (ii) No candidate shall be allowed to appear in the Test without a valid Admit Card issued by the Office of the Controller of Examinations, B.H.U.
- (iii) The candidates are required to retain the Admit Card in safe custody after the Test to be presented before the Admission Committee, if called for counseling.
- (iv) In all matters relating to RET and admission to respective Disciplines, the decision of the University shall be final and binding.

#### S. METHOD OF ANSWERING IN THE TEST:

- (i) A Question Booklet containing the questions and a separate Answer Sheet shall be provided to the candidate at the beginning of the Test.
- (ii) The candidate, **within 10 minutes of the issue of the Questions Booklet**, shall check the Question Booklet to ensure that it contains all the pages in correct sequence and that no page/question is missing. In case of faulty Question Booklet, the candidate shall immediately bring it to the notice of the Superintendent/Invigilators to obtain a fresh Question Booklet.
- (iii) The candidate is required to write his/her *Roll Number, Question Booklet No. and Set No.*, if any, at the appropriate places provided in the answer sheet in **INK/Ball Point pen only**. In addition, **he/she is also required to fill up Roll Number in the space provided at the bottom of the answer sheet by darkening the appropriate circles by Blue/Black Ball Point pen only.**
- (iv) The candidate is required to write in **INK/Ball Point pen only**, his/her Roll number and Serial Number of Answer Sheet at the appropriate places on the cover page of the Question Booklet.
- (v) Each question shall be followed by four alternative answers. The candidate is required to identify the **one** which he/she feels to be the correct answer and record the answer by darkening the **appropriate circle** in the answer sheet with **Blue/Black Ball Point pen only**, as will also be mentioned in the guidelines given on the first page of the Answer Sheet. For example, if out of 4 alternatives (1) (2) (3) & (4) given against question No. 15 the candidate

identifies (2) as the correct answer, then he/she is required to darken the *circle No. 2 only* in the Answer Sheet as given below:

Q. No. 15



- (vi) The answer will be treated incorrect if more than one circle is darkened or a circle is darkened improperly. Any other method of marking such as tick mark, cross mark, use of dot, line mark and half-filled circle or marks outside the circle shall not be evaluated.
- (vii) If any question is not attempted, the candidate is required to leave all the circles against that question as blank. Such an answer will be awarded zero marks.
- (viii) Inner cover page of the Question Booklet or the blank space/page of the end of Question Booklet may be used for rough work.
- (ix) No page from the Question Booklet is to be torn or removed. If a candidate is found tearing any page from the Question Booklet he/she shall be liable to punishment for adopting unfair means and shall not be allowed to continue in the Entrance Test.

#### IMPORTANT

- (i) **CANDIDATES TO NOTE THAT, SINCE ANSWERS ARE TO BE MARKED IN INK, IT WILL NOT BE POSSIBLE TO CHANGE ANY ANSWER AFTER MARKING IT.**
- (ii) Candidates found using/adopting unfair means in the **RET** shall be disqualified from the test and also shall be debarred from admission even for any other course in future in BHU. A candidate shall appear in the test as per rules, regulations and ordinances of the University framed from time to time.
- (iii) Notwithstanding anything to the contrary contained anywhere in the ordinances of the University, no scrutiny/ revaluation of the answer book of the test shall be allowed on any ground. Further, no representation or any enquiry regarding the conduct of the test shall be entertained.

#### T. IMPORTANT INSTRUCTIONS TO CANDIDATES APPEARING IN RET:

- (i) The Candidate must carry his/her valid Admit Card for the Test. He/She must occupy only his/her allotted seat as per his/her Roll Number in the seating arrangement made for the Test.
- (ii) **No Candidate will be allowed** entry to the Test Hall **after 30 minutes** of the start of the Entrance Test.
- (iii) **No Candidate shall be allowed** to leave the Test Hall **till the end** of the Test.
- (iv) There is no provision to provide or permit a 'writer' in the Entrance Test except for blind candidates, who will be provided 'writers' on request [For details please refer to Section C of this Information Bulletin].
- (v) The Candidates shall be checked for any resource materials frequently and at random by the Invigilators and other staff conducting the Test, routinely and also on the slightest doubt.
- (vi) **Calculators/watch calculators, electronic diary, pager, mobile phones, earphones, alarm clock, digital watches with memory, slide rule, etc. are not allowed in the examination hall. Also, carrying of licensed weapon, fire arms, tools which can be used as lethal weapons are not allowed in the examination hall.**
- (vii) **The RET of a candidate shall be cancelled in case of any of the following actions by a candidate:**  
Relevant or irrelevant resource material or loose paper found on his/her possession, or, lying on or around his/her seat, Possession of any unauthorized instrument or equipment as mentioned at (vi) above/document/paper/ information materials or any resource materials, Communication of information in writing or verbally or exchange of Question Booklet/Answer Sheets to and from any other person during the Entrance Test period and any other malpractice amounting to obtaining undue advantage, Writing anything on the Admit Card, Carrying of the envelope of the Admit Card in the examination hall, Any alterations or corrections in the entries made by a candidate in Question Booklet and OMR Sheet [Roll Number in words & figures and OMR sheet no. in Question Booklet and Roll Number, Question Booklet no. and Set no. (if any) in OMR sheet] but not duly verified by the invigilator concerned, Non-matching of signature made at the time of RET with that already done at the time of filling of Application Form.
- (viii) **The RET of a candidate shall be cancelled and candidate shall be debarred to appear from future Tests in case of any of the following actions by a candidate:**  
Tampering with the Admit Card including that of the photograph, face not resembling the photograph on the Admit Card, not occupying the allotted seat, tampering/disturbing the seating arrangements, smuggling-out or smuggling-in Question Booklet in part or in full, or Test material, or any resource material connected with the Test, Making any attempt to influence the University authorities directly or indirectly, Disturbing or trying to disturb the RET, Noting down the questions or their answers, Shouting of slogans or creating unruly scene at the examination hall/examination center/University campus.
- (ix) **Impersonation is a legally punishable offence.** No Candidate will be permitted to appear in the Test without a valid Admit Card. The Admit Card should be presented to the invigilators/other authorized officials for verification. The candidate's identity will be verified in respect of his/her details on the Admit Card/Registration Form (Form 'B'). If the identity is in doubt, the candidate may not be allowed to appear in the Test. The authorities may at their discretion **provisionally** permit the candidate to appear in the Test after completing formalities including taking of thumb impression/several signatures for further verification. No extra time will be granted for these formalities to be completed.

Similarly, at the time of Subjective Test/Personal Interview and admission, the candidate's identity will be verified from the documents available with the University and in case of any doubt, his/her admission will be deferred till final verification.

A person found to impersonate a candidate shall be handed over to the Police under an FIR lodged by the University. The **candidate in reference shall be debarred from future Entrance Tests of the University.**

A student or employee of the University if found to impersonate in the Test will be respectively **rusticated or dismissed from the University service.**

- (x) **Suppression/concealment of information:** The candidate must ensure that he/she is qualified to appear in the Test. If it is detected at any stage that he/she did not fulfill the minimum eligibility requirement or there was something against the candidate which would have prevented him/her from being admitted in the concerned discipline, or, the candidate has provided false information or no information about his/her previous involvement in an act punishable under law or act of gross misconduct and indiscipline, then his/her candidature shall not be considered and his/her admission if already made shall be cancelled at any stage and he/she shall be debarred from appearing in any of the future Test of the University.
- (xi) Nobody other than the University authorized personnel is permitted to move around the Test venue. Any unauthorized persons loitering around the Test venue shall be handed over to the police under an FIR lodged by the University.
- (xii) No scrutiny/re-evaluation of answer sheet of the Test is allowed in any case at any stage.**
- (xiii) The candidate shall be bound by the BHU Statutes/Ordinances/Rules and Regulations framed from time to time.
- (xiv) Any litigation in respect of the Test shall be subject to the jurisdiction of the local Court of Varanasi and/or Hon'ble High Court of Judicature at Allahabad only.

## V. REGISTRATION OF FOREIGN NATIONALS:

Applications of Foreign Nationals nominated by the Govt. of India under scholarship scheme and self-financing Foreign Nationals shall be entertained. The foreign nationals **need not appear in the entrance test** for admission. However, they should have passed *the equivalent Qualifying Examination from an Indian or Foreign University / Institution.*

Provision to the extent of 15% of the total Vacancies in each Discipline on supernumerary basis for Foreign Nationals is available: Out of which 5% Vacancies be filled up by children of NRIs [Persons of Indian Origin (PIO)] and 5% by children of Indian workers in Gulf and South Asian Countries. All the foreign nationals have to fulfill the following conditions: -

### i). At the time of submitting the application

- (i) All the foreign nationals should submit their applications, along with the **processing fee**, on prescribed format, which can be freely downloaded from the website **www.bhu.ac.in**.
- (ii) The applications of scholarship-holding Foreign Nationals (under various schemes) are routed through the Indian Council for Cultural Relations/Ministry of Human Resource Development (Department of Education), Govt. of India, New Delhi.
- (iii) They should hold a valid foreign passport.
- (iv) The antecedents of the candidate have been verified by the forwarding Agencies/Ministry and found in order.
- (v) They should have adequate knowledge of English and/or Hindi as per the requirements of the Course.

### ii). At the time of admission

- (i) They have valid Residential permit in India granted for studies/Student Visa for the prescribed duration of the concerned Course.
- (ii) They fulfill the minimum eligibility requirements.

### iii). General

- The Degrees/Certificates of the candidates have been recognized and approved by the Association of Indian Universities (AIU)/Commonwealth Universities/International Association of Universities (IAU) as equivalent to the corresponding Indian Degrees/Certificates.
- All the eligible foreign nationals are required to fill up the Registration Form prescribed by the University at the time of admission.
- The *inter-se* merit among the applicants of various foreign nationals will be decided by the "Core Committee for Admissions of Foreign Nationals", which shall be deemed as final.

Further details regarding admission of foreign nationals are available on the website [www.bhu.ac.in](http://www.bhu.ac.in) which is updated periodically.

The applications should be submitted to the **INTERNATIONAL STUDENTS CENTRE, C/3/3 TAGORE HOUSE, BANARAS HINDU UNIVERSITY, VARANASI - 221005, INDIA** on or before the last date as notified by the International Students Centre.

**FEE FOR THE FOREIGN NATIONALS:**

Fee structure for all the categories of foreign nationals is as under (Fee details available on website)

1. Processing fee (50 / 100 US \$) : At the time of submitting the application
2. Usual Course fee (in INR) : At the time of joining the course
3. Additional fee (US \$) : At the time of joining the course

The quantum of processing fee and additional fee may be modified by BHU from time to time.

**W. FELLOWSHIP:**

All the eligible internal full-time research scholars (admitted through RET) not getting any financial assistance from any funding agency may be provided fellowship for his/her full residential period (maximum three+one years as per Ph. D. Ordinance). However, the extended period of fellowship (fourth year) shall be subject to submission of evaluation report after three years through the Research Programme Committee (RPC) and Departmental Research Committee (DRC) to be finally approved by the Vice-Chancellor. Further, a research scholar earlier admitted under RET exempted category (NET-LS/GATE only) could be extended BHU research fellowship subsequently, subject to fulfillment of certain conditions prescribed in the Ph.D. Ordinances.

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**LIST OF ALLIED SUBJECTS FOR REGISTRATION IN DIFFERENT DISCIPLINES**

If the candidate possesses PG degree in a discipline listed in column (2), titled as “Allied Subject(s)”, and RET is not being conducted in the discipline of his/her PG degree, then he/she shall opt for the corresponding main discipline in which RET shall be held. Accordingly, he/she shall be eligible to be considered for admission to the corresponding main discipline and such other allied disciplines to the main discipline (in which he/she appears for the RET) is an allied discipline (as detailed at Section B of this Information Bulletin).

Main Discipline (1)	Allied Subject(s) (2)
<b>FACULTY OF AGRICULTURE</b>	
<b>Agricultural Economics</b>	M.Sc./M.Sc.(Ag.) in Agricultural Economics & Business Management/ MABM (Master in Agri-Business Management)/Dairy Economics/Livestock Economics/Fisheries Economics.
<b>Agronomy</b>	Agro Forestry, Crop Husbandry, Crop Production.
<b>Animal Husbandry and Dairying</b>	Animal Genetics & Breeding, Animal Nutrition, Dairy Technology, Live Stock Production and Management, Live Stock Products Technology, Poultry Science.
<b>Food Science &amp; Tech.</b>	M.Tech. in Dairy Techno/Food Tech/Food science/Post Harvest Engineering and Technology; M.Sc./N.M.Sc. (Ag.); MSc. (Ag.) in Horticulture with specialisation in Post Harvest Technology.
<b>Agricultural Engineering (Soil &amp; Water Conservation Engineering)</b>	-
<b>Agricultural Statistics</b>	-
<b>Agricultural Engineering (Post Harvest &amp; Bioprocess Engineering)</b>	M.Tech. in Post Harvest Process and Food Engineering & Equivalentents.
<b>Entomology and Agricultural Zoology</b>	Plant Protection (with major in Entomology).
<b>Extension Education</b>	Agricultural Extension, Communication & Extension, Dairy Extension, Veterinary Extension.
<b>Genetics and Plant Breeding</b>	Agricultural Botany.
<b>Horticulture</b>	Floriculture, Forestry, Fruit & Horticulture Technology, Pomology, Vegetables Science.
<b>Mycology and Plant Pathology</b>	Nematology.
<b>Plant Physiology</b>	M.Sc./M.Sc.(Ag.) in Plant Physiology/ Crop Physiology.
<b>Soil Science and Agricultural Chemistry</b>	M.Sc./M/Sc.(Ag.) in Agricultural Chemistry/ Soil Science and Soil Science/ Agricultural Chemicals.

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**LIST OF ALLIED SUBJECTS FOR REGISTRATION IN THE DISCIPLINES UNDER FACULTY OF ENGINEERING AND TECHNOLOGY**

If the candidate possesses PG degree in a discipline listed in column (2), titled as “Allied Subject(s)” and is also NET-JRF/ NET-LS /GATE qualified, then he/she can opt for the corresponding main discipline under the Faculty of Engineering and Technology in which RET shall not be held. Accordingly, he/ she shall be eligible to be considered for admission to the corresponding main discipline in which his/her discipline at PG level is an allied subject.

Main Discipline (1)	Allied Subject(s) (2)
<b>FACULTY OF ENGINEERING &amp; TECHNOLOGY</b>	
<b>Applied Chemistry</b>	<p>Master’s degree in Physics/ Biotechnology/Biochemistry/ Medicinal Chemistry/ Soil Chemistry/ Environmental Science, with Chemistry as a subject at Bachelor’s Degree level.</p> <p>Bachelor’s/ Master’s Degree in any branch of Engineering/ Pharmacy.</p> <p>Master’s degree in Materials Science &amp; Technology/Chemistry/Industrial Chemistry/Applied Chemistry/Integrated Masters Degree.</p>
<b>Applied Mathematics</b>	<p>Master’s degree in Computer Science/ Statistics, with Mathematics as a subject at Bachelor’s degree level.</p> <p>M.C.A with Mathematics as a subject at Bachelor’s degree level.</p> <p>Bachelor’s/ Master’s Degree in any branch of Engineering.</p> <p>M. Tech./M.Sc. in Mathematics &amp; Computer/M.Sc. in Computer Science.</p>
<b>Applied Physics</b>	<p>Master’s Degree in Physics/Chemistry/Mathematics/ Engineering Physics/Biophysics/Geophysics/Computer Science, with Physics as a subject at Bachelor’s degree Level.</p> <p>Bachelor’s/ Master’s Degree in any branch of Engineering.</p> <p>Master’s degree in Materials Science and Technology.</p>
<b>Biochemical Engineering</b>	<p>Master’s degree in Biochemistry/ Biotechnology/Microbiology/ Environmental Sciences.</p> <p>Bachelor’s/ Master’s Degree in Biochemical Engg./ Food Technology/Pharmacy/Chemical Engineering.</p>
<b>Biomedical Engineering</b>	<p>Master’s degree in Physics/ Chemistry/Biochemistry/Biosciences/Biotechnology/ Microbiology/ Life Sciences/ Botany/ Zoology/ Applied Mathematics.</p> <p>Bachelor’s/Master’s degree in Ceramics/Chemical/Civil/Computer/Electrical/ Electronics/Electronics &amp; Communication/ Electronics &amp; Telecommunication/ Electronics &amp; Instrumentation/ Mechanical / Metallurgical Engineering / Pharmacy.</p> <p>Master’s degree in Materials Science and Technology.</p> <p>Master’s degree in Modern Medicine.</p>
<b>Ceramic Engineering</b>	<p>Master’s degree in Chemistry/ Applied Chemistry/ Physics/ Applied Physics/ Geology or Geophysics (with Mathematics as a subject at Bachelor’s Degree level).</p> <p>Bachelor’s/ Master’s degree in any branch of Engineering.</p> <p>Master’s degree in Modern Medicine/ Indian Medicine (for the areas related to Bioceramics).</p>
<b>Chemical Engineering</b>	<p>Master’s degree in Chemistry/Biochemistry/ Environmental Science/Biotechnology with Mathematics at Senior Secondary (Plus 2)/Intermediate Level.</p> <p>Bachelor’s/ Master’s degree in any branch of Engineering/ Chemical Technology.</p>

Main Discipline (1)	Allied Subject(s) (2)
<b>Civil Engineering</b>	Geology, Material Science, Applied Chemistry, Environmental Science/with Mathematics as a subject at Bachelor Degree level. Masters degree in Agricultural Engineering, Master's Degree in Structural Engineering.
<b>Computer Engineering</b>	B. Tech./B.E./M.Tech./M.E. Degree in Computer Science/Computer Science & Engineering/Computer Engineering/ Computer Technology/Information Technology/ Electronics Engineering/ Electronics and Communication Engineering/All related subjects of Computer Engineering at M.Tech. Level/M.Tech. in Mathematics & Computing.
<b>Electrical Engineering</b>	Bachelor's/ Master's Degree in Computer/Electronics/Electronics & Communication/ Electronics & Telecommunication/ Electronics & Instrumentation Engineering. M.Tech. in Systems Engineering.
<b>Electronics Engineering</b>	Master's degree in Physics/ Applied Physics/ Electronics Science/Electronics. Bachelor's/Master's Degree in Computer/ Electrical/ Biomedical Engineering/ Information Technology. Master's degree in Materials Science and Technology.
<b>Industrial Management</b>	Masters Degree in Management. Two years Postgraduate Diploma in Management from any one of the Indian Institutes of Management (I.I.Ms) or other recognized institutes. Bachelor's/ Master's degree in any branch of Engineering/Technology.
<b>Materials Science and Technology</b>	Master's degree in Applied Chemistry/ Chemistry/ Applied Physics/ Physics/ Polymer/ Materials Science/Biotechnology/Biochemistry/Nanoscience and/or Nanotechnology. M.Tech. in Engineering Physics/Industrial Chemistry/Materials Science and/or Engineering/ Nanoscience and/or Nanotechnology, Polymer Engineering/Technology, Metallurgy and/or Materials Engineering.. Bachelor's/ Master's degree in Materials Science, Polymer, Ceramic, Chemical, Electrical, Electronics, Nanoscience, Metallurgy and/or Materials Engineering, Mechanical, Biotechnology, Nanotechnology, Materials Technology. Master's degree in Dentistry/ Orthopedics/ E.N.T./Rasa Shastra.
<b>Mechanical Engineering</b>	Bachelor's/ Master's Degree in any branch of Engineering/Technology. Master's degree in Agriculture (Farm Engineering/Technology).
<b>Metallurgical Engineering</b>	Master's degree in Physics/Applied Physics/Chemistry/Applied Chemistry/Industrial Chemistry/ Geology/ Mineral Engineering /Environmental Engineering. Bachelor's/ Master's Degree in any branch of Engineering. Master's degree in Materials Science and Technology.
<b>Mining Engineering</b>	M.Sc. in Geology/Geophysics/Mathematics/Physics/Chemistry/Environmental Sciences. M.Tech. in Chemical Engg./Environmental Engineering /Civil Engineering /Industrial Engineering/All other Engineering disciplines.
<b>Pharmaceutics Systems Engineering</b>	Only qualifying Examinations. Bachelor's/ Master's Degree in any branch of Engineering.

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# BANARAS HINDU UNIVERSITY

(Established by Parliament by notification No. 225 of 1916)

**VARANASI – 221005**

**RET 2012**

**(FOR FACULTY OF AGRICULTURE & FACULTY OF ENGINEERING & TECHNOLOGY)**

## APPLICATION FORM

**(TO BE FILLED IN COMPLETELY BY THE CANDIDATE ONLINE ONLY)**

A. Course & Discipline of Postgraduate Degree

B. Name of Discipline and Course code in which you intend to get registered

*(For details refer to Section L of this notification)*

Name of the Discipline	Course Code		

Affix identical & self attested recent small size photograph  
**(See Section – K)**  
Eyes and Ears must be visible  
Do not pin or staple

C. Are you exempted from appearing in RET?

Yes/No

*(See Section - I of this notification)*

D. If you belong to **Scheduled Caste (SC)** or **Scheduled Tribe (ST)** or **Physically Challenged (PC)** or **Other Backward Classes (OBC)/ Other Backward Classes-Minorities (OBC-Minorities)** category write **YES** or **NO** in the appropriate box.

If you claim to be considered for any one or more of the following categories, write YES OR NO in clear terms in the appropriate box(es) provided below. If yes, attach supporting document(s). No certificates/documents shall be accepted subsequently on any ground. **The category to which you belong once mentioned in the box(es) given below in Yes/No shall be final** and no overwriting/subsequent change shall be allowed. If the box(es) given below requiring indication of category is/are left blank, you will be treated as under general category and you cannot claim the benefit of any other category later on, even though you might have enclosed supporting certificate(s) with the Application Form. (Enclose documentary evidence in support of your claim)

SC

ST

PC

OBC

OBC-MINORITIES

1. Candidate's Name :  
(CAPITAL LETTERS)

2. Father's Name  
(CAPITAL LETTERS) Sri

3. Mother's Name  
(CAPITAL LETTERS) Smt.

4. Date of Birth

: Date

Month

Year

5. Sex

: Male

Female

6. Identification Mark(s) :

(Moles/Cuts/Scars/etc.)

7. Postal Address (For Correspondence) :

\_\_\_\_\_

\_\_\_\_\_

Phone/Mobile No. \_\_\_\_\_

(with STD code)

Email Id. \_\_\_\_\_

8. Permanent Address : \_\_\_\_\_

\_\_\_\_\_  
Phone/Mobile No. \_\_\_\_\_  
(with STD code)

9. Nationality :  Indian  Foreign If Indian, indicate the State you belong to:

10. Details of the Examinations Passed: (enclose the documentary evidence for the entries in these columns)

Name of the Examination	Board/University	Year of Passing/ Appearing	Subjects	Marks		
				Obtd.	Max.	%
High School or equivalent Examination of 10 <sup>th</sup> level						
Intermediate or equivalent Examination of 10+2 level						
Bachelor's degree/ Equivalent degree						
Master's degree/ Equivalent degree						
Any other degree						

11. Marks in Academic Record [*See Section – C (RET 2012 Information Bulletin)*]

12. Name of the institution from where you have passed the qualifying examination: \_\_\_\_\_

13. **Have you ever been subjected to any disciplinary action? If so, state reasons, the punishment awarded and reference of authority awarding the punishment:** \_\_\_\_\_

14. **Whether previously/presently employed? If YES:**

- (i) **Name of the Employer**
- (ii) **No Objection Certificate of Employer**
- (iii) **Whether leave for completing research will be sanctioned for the residence period**

**IN CASE OF INCOMPLETE APPLICATION FORM OR NON-PAYMENT OF FEE (ONLINE ONLY) OR NON-SUBMISSION OF RELEVANT CERTIFICATE/ DOCUMENT IN SUPPORT OF ANY INFORMATION DESIRED IN THE APPLICATION FORM (TO BE SUBMITTED ALONGWITH FILLED UP – ONLINE SUMMITTED APPLICATION FROM – SEE SECTION K & O, THE APPLICATION FORM SHALL NOT BE CONSIDERED.**

**DECLARATION**

I \_\_\_\_\_, an applicant for admission to Ph. D. in \_\_\_\_\_, do hereby  
**(Name of the Candidate)** **(Name of Discipline)**

solemnly affirm that all the particulars stated above have been filled in by me and all the information given in the application form and enclosed documents are true and correct to the best of my knowledge and belief. In case any information furnished by me is found wrong, my candidature for admission be cancelled outright without giving me any opportunity and further that any disciplinary action be also taken against me.

Place : ..... Signature of the Candidate (a) English \_\_\_\_\_  
(Not in capital letters)

Date : ..... (b) Hindi \_\_\_\_\_

NOTE: (After taking the printout of filled-in Application Form ONLINE – See Section – K)

**LIST OF ENCLOSURES:**

List the documents enclosed with the printout of the filled up application form (online) – **See Section – L** application form in the same order as given in the Information Bulletin.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_

Total number of documents enclosed