

Harcourt Butler Technical University, Kanpur - 02

Sr. No.	Test Paper Code	Programme (Subject)	Degree	Eligibility
1	SCQP08	M.Sc. (Chemistry)	M.Sc. (Chemical Sciences)	Bachelor's degree (at least 10+2+3) with Chemistry as a subject for three years/ six semester. A minimum of 55% marks (50% for SC/ ST / OBC-NCL / PwD) or equivalent CPI.
2	SCQP09 / SCQP19 / SCQP27	M.Sc. (Mathematics)	M.Sc. (Mathematics and Data Science)	Bachelor's degree* (at least 10+2+3) with Mathematics as a subject for two years / 4 semesters (*including major/honours in Computer Science/Statistics / Information Technology) with aggregate of 55% marks (50% for SC/ ST / OBC-NCL / PwD) or equivalent CPI.
3	MTQP08 / SCQP18 / SCQP24	M.Sc. (Physics)	M. Sc. Physics with Specialization in Material Science & Nanotechnology	Bachelor's degree (at least 10+2+3) with Physics as a subject for at least two years / four semesters and mathematics for at least one year/ two semesters with aggregate of 55% marks (50% for SC/ ST / OBC-NCL / PwD) or equivalent CPI.
4	SCQP01/SCQP03/SCQP05/SCQP06/SCQP07/SCQP08/SCQP11/SCQP12/SCQP17/SCQP19/SCQP20/SCQP24/SCQP25/SCQP28	M.Sc. (Biotechnology)	M.Sc. (Biotechnology)	Bachelor's degree (B.Sc./ B.Tech./ B.Pharm/ B.V.Sc. / M.B.B.S.) with any of the subjects amongst Zoology, Botany, Chemistry, Microbiology, Biochemistry, Environmental Science, Biotechnology, Mathematics, Physics, Medical Laboratory Technology, Medical Microbiology, Bioinformatics, Food Technology, Nutrition Science, Computer Science, Hospital Administration and allied subjects at Bachelor level with aggregate of 55% marks or equivalent CPI. A relaxation of 5% of marks in minimum qualifying marks is permissible (without grace) for candidates belonging to SC / ST / OBC-NCL / PwD category.
5	SCQP01/SCQP03/SCQP05/SCQP06/SCQP07/SCQP08/SCQP11/SCQP12/SCQP17/SCQP19/SCQP20/SCQP24/SCQP25/SCQP28	M.Sc. (Biochemistry)	M.Sc. (Biochemistry)	Bachelor's degree (B.Sc./ B.Tech./ B.Pharm/ B.V.Sc./M.B.B.S.) with any of the subjects amongst Zoology, Botany, Chemistry, Microbiology, Biotechnology, Environmental Science, Biochemistry, Mathematics, Physics, Medical Laboratory Technology, Medical Microbiology, Bioinformatics, Food Technology, Nutrition Science, Computer Science, Hospital Administration and allied subjects at Bachelor level with aggregate of 55% marks or equivalent CPI. A relaxation of 5% of marks in minimum qualifying marks is permissible (without grace) for candidates belonging to SC / ST / OBC-NCL / PwD category.
6	COQP01 / COQP08 / COQP10 / COQP11 / COQP12	MBA	Master of Business Administration	Bachelor's level program of 10+2+3 or 10+2+4 system in Engineering / Architecture / Medicine / Sciences / Arts / Commerce / Business Administration / Computer Application or other discipline as approved by UGC / AICTE / appropriate governing body as applicable under the Ministry of Education with aggregate of 55% (50% for SC/ ST / OBC-NCL / PwD) or equivalent CPI.
7	MTQP01 / SCQP03 / SCQP05 / SCQP06 / SCQP08 / SCQP17	Biochemical Engineering	Chemical Technology - Biochemical Engineering	(i) B. Tech. / B. E. Degree in Biochemical Engineering with minimum 55% marks. OR (ii) B. Tech. / B. E. Degree in Biotechnology, Food Technology, Plastic Technology, Chemical Engineering, Paint Technology, Oil Technology, Leather Technology or any other relevant/allied discipline with minimum 55% marks. OR (iii) M. Sc. Degree in Chemistry, Industrial Chemistry, Applied Chemistry, Food Technology, Food Science, Biochemistry, Biotechnology, Microbiology, Life-Sciences or any other relevant/allied discipline with minimum 55% marks. A relaxation of 5% of marks in minimum qualifying marks is permissible (without grace) for candidates belonging to SC / ST / OBC-NCL / PwD category.
8	MTQP01 / MTQP06 / SCQP08 / SCQP12	Oil Technology	Chemical Technology - Oil Technology	(i) B. Tech. / B. E. Degree in Oil Technology with minimum 55% marks. OR (ii) B. Tech. / B. E. Degree in Food Technology, Biochemical Engineering, Chemical Engineering, Paint Technology, Plastic Technology, Leather Technology, Biotechnology or any other relevant/allied discipline with minimum 55% marks. OR (iii) M. Sc. Degree in Chemistry, Industrial Chemistry, Applied Chemistry, Food Technology, Biochemistry, Biotechnology, Microbiology, Life-Sciences or any other relevant/allied discipline with minimum 55% marks. A relaxation of 5% of marks in minimum qualifying marks is permissible (without grace) for candidates belonging to SC / ST / OBC-NCL / PwD category.
	MTOP01 / MTOP03 / MTOP06 /			(i) B. Tech. / B. E. Degree in Food Technology with minimum 55% marks. OR (ii) B. Tech. / B. E. Degree in Plastic Technology, Biochemical Engineering, Chemical Engineering, Paint Technology, Oil Technology, Dairy Technology, Leather Technology, Biotechnology or any other relevant/allied discipline with minimum 55% marks.

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9	SCQP08 / SCQP12	Food Technology	Chemical Technology - Food Technology	OR (iii) M. Sc. Degree in Chemistry, Industrial Chemistry, Applied Chemistry, Food Science, Food Technology, Biochemistry, Biotechnology, Microbiology, Life-Sciences or any other relevant/allied discipline with minimum 55% marks. A relaxation of 5% of marks in minimum qualifying marks is permissible (without grace) for candidates belonging to SC / ST / OBC-NCL / PwD category.
10	MTQP01 / SCQP08 / SCQP18	Paint Technology	Chemical Technology - Paint Technology	(i) B. Tech. / B. E. Degree in Paint Technology / Surface Coating/ Printing Ink Technology with minimum 55% marks. OR (ii) B. Tech. / B. E. Degree in Food Technology, Biochemical Engineering, Chemical Engineering, Oil Technology, Polymer Technology, Plastic Technology, Leather Technology, Biotechnology or any other relevant/allied discipline with minimum 55% marks. OR (iii) M. Sc. Degree in Chemistry, Industrial Chemistry, Applied Chemistry, Polymer Chemistry, Food Technology, Biochemistry, Biotechnology, or any other relevant/allied discipline with minimum 55% marks. A relaxation of 5% of marks in minimum qualifying marks is permissible (without grace) for candidates belonging to SC / ST / OBC-NCL / PwD category.
11	MTQP01 / SCQP08 / SCQP18	Plastic Technology	Chemical Technology - Plastic Technology	(i) B. Tech. / B. E. Degree in Plastic Technology/Polymer Engineering and Technology with minimum 55% marks. OR (ii) B. Tech. / B. E. Degree in Food Technology, Biochemical Engineering, Chemical Engineering, Paint Technology, Oil Technology, Leather Technology, Biotechnology or any other relevant/allied discipline with minimum 55% marks. OR (iii) M. Sc. Degree in Chemistry, Industrial Chemistry, Applied Chemistry, Polymer Chemistry, Food Technology, Biochemistry, Biotechnology, or any other relevant/allied discipline with minimum 55% marks. A relaxation of 5% of marks in minimum qualifying marks is permissible (without grace) for candidates belonging to SC / ST / OBC-NCL / PwD category.
12	MTQP07	Mechanical Engineering	Computer Aided Design	B.E. / B. Tech. or Equivalent in Mechanical Engineering with minimum 55% marks. A relaxation of 5% of marks in minimum qualifying marks is permissible (without grace) for candidates belonging to SC / ST / OBC-NCL / PwD category.
13	MTQP04	Computer Science and Engineering	Computer Science and Engineering	B.E. / B. Tech. or Equivalent in Computer Science, Information Technology, Electronics Engineering or MCA with minimum 55% marks. A relaxation of 5% of marks in minimum qualifying marks is permissible (without grace) for candidates belonging to SC / ST / OBC-NCL / PwD category.
14	MTQP05	Electronics Engineering	Electronics and Communication Engineering	B.E. / B. Tech. or Equivalent in Electronics & Communication Engineering / Electronics Engineering / Electronics & Telecommunication Engineering, with minimum 55% marks. A relaxation of 5% of marks in minimum qualifying marks is permissible (without grace) for candidates belonging to SC / ST / OBC-NCL / PwD category.
15	MTQP01 / MTQP02 / MTQP11 / SCQP04 / SCQP11 / SCQP12 / SCQP17 / SCQP26	Civil Engineering	Environmental Science and Engineering	(i) B.E. / B. Tech. or Equivalent in in any branch of engineering/technology provided they have studied Mathematics up to their 12th standard (intermediate level). (Though preference be given to candidates from Civil Engineering/Environmental Engineering/ Chemical Engineering/Chemical Technology/ Biochemical Engineering/Food technology/ Leather Technology/Biotechnology) with minimum 55% marks. OR (ii) M.Sc (Chemical Sciences)/ Chemistry/Environmental Sciences/Life Sciences. However, all such candidates should have studied Mathematics up to their 12th standard (intermediate level) with minimum 55% marks. A relaxation of 5% of marks in minimum qualifying marks is permissible (without grace) for candidates belonging to SC / ST / OBC-NCL / PwD category.
				B.E. / B. Tech. or Equivalent in Electrical Engineering with minimum 55% marks.

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16	MTQP10	Electrical Engineering	Power Electronics and Control	A relaxation of 5% of marks in minimum qualifying marks is permissible (without grace) for candidates belonging to SC / ST / OBC-NCL / PwD category.
17	MTQP01 / MTQP03/ MTQP06 / SCQP03 / SCQP08 / SCQP12 / SCQP17 / SCQP18	Chemical Engineering	Chemical Engineering	<p>(i) B. Tech. / B. E. Degree in Chemical Engineering/Technology with minimum 55% marks.</p> <p style="text-align: center;">OR</p> <p>(ii) B. Tech. / B. E. Degree in Food Technology, Biochemical Engineering, Plastic Technology, Paint Technology, Oil Technology, Leather Technology, Petroleum Engineering/Technology or any other relevant/allied discipline with minimum 55% marks.</p> <p style="text-align: center;">OR</p> <p>(iii) M. Sc. Degree in Chemistry, Industrial Chemistry, Applied Chemistry, Food Technology, Food Science, Biochemistry, Biotechnology, Microbiology, Life-Sciences or any other relevant/allied discipline with minimum 55% marks.</p> <p>A relaxation of 5% of marks in minimum qualifying marks is permissible (without grace) for candidates belonging to SC / ST / OBC-NCL / PwD category.</p>
18	MTQP01/MTQP06/MTQP08/MTQP11	Paint Technology	Chemical Technology - Printing Ink Technology	<p>(i) B. Tech. / B. E. Degree in Paint Technology / Surface Coating/ Printing Ink Technology with minimum 55% marks.</p> <p style="text-align: center;">OR</p> <p>(ii) B. Tech. / B. E. Degree in Food Technology, Biochemical Engineering, Chemical Engineering, Oil Technology, Polymer Technology, Plastic Technology, Leather Technology, Biotechnology, Nanoscience, Material Science, Textile Engineering or any other relevant/allied discipline with minimum 55% marks.</p> <p style="text-align: center;">OR</p> <p>(iii) M. Sc. Degree in Chemistry, Industrial Chemistry, Applied Chemistry, Polymer Chemistry, Food Technology, Biochemistry, Biotechnology, or any other relevant/allied discipline with minimum 55% marks.</p> <p>A relaxation of 5% of marks in minimum qualifying marks is permissible (without grace) for candidates belonging to SC / ST / OBC-NCL / PwD category.</p>
19	MTQP01 / MTQP07 / MTQP10 / MTQP11 / SCQP08 / SCQP11	Chemical Engineering	Energy and Environment	<p>(ii) B. Tech. / B. E. Degree in Food Technology, Biochemical Engineering, Plastic Technology, Paint Technology, Oil Technology, Leather Technology, Petroleum Engineering/Technology or any other relevant/allied discipline with minimum 55% marks.</p> <p style="text-align: center;">OR</p> <p>(iii) M. Sc. Degree in Chemistry, Industrial Chemistry, Applied Chemistry, Food Technology, Food Science, Biochemistry, Biotechnology, Microbiology, Life-Sciences or any other relevant/allied discipline with minimum 55% marks.</p> <p>A relaxation of 5% of marks in minimum qualifying marks is permissible (without grace) for candidates belonging to SC / ST / OBC-NCL / PwD category.</p>