## Chaudhary Charan Singh University, Meerut

Annual Scheme of Regular \& Pvt. Examination - 2015

## B.Sc. (I, II \& III Year)

Exam Code - "B"

| Date \& Day | Subject | Ist Shift (7 AM to 10 AM) |  | Ilnd Shift (11 AM to 2 PM) |  | Illird Shift (3 PM to 6 PM) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Course | Paper Code | Course | Paper Code | Course | Paper Code |
| $\begin{aligned} & \text { 20-03-2015 } \\ & \text { Friday } \end{aligned}$ | Def. Studies | - |  | Art of War in India (After 1947) | B-204 | - | - |
|  | Comp. Application | - | - | System Analysis and Development | B-292 | - | - |
| $\begin{aligned} & \text { 23-03-2015 } \\ & \text { Monday } \end{aligned}$ | Def. Studies |  |  | National Security | B-205 | - | - |
|  | Comp. Application | -- | - | DBMS and RDBMS | B-293 | -- | - |
| $\begin{aligned} & \text { 25-03-2015 } \\ & \text { Wednesday } \end{aligned}$ | Botany | - | - | Diversity of Angiosperms: Systematics, Development \& Reproduction | B-201 | - | - |
|  | Indus. Chemistry | - | - | Material Science and Industrial Pollution | B-253 | - | - |
|  | Physics | - | - | Physical Optics and Lasers | B-216 | - | - |
| $\begin{aligned} & \text { 30-03-2015 } \\ & \text { Monday } \end{aligned}$ | Geography | -- | - | Economic Geography | B-211 | - | - |
|  | Botany | - | - | Cytology, Genetics, Evolution \& Ecology | B-202 | -- | - |
|  | Indus. Chemistry | - | - | Unit Processes in Organic Chemicals Manufacture | B-254 | -- | - |
|  | Physics | - | - | Electromagnetics | B-217 | -- | - |
| $\begin{aligned} & \text { 01-04-2015 } \\ & \text { Wednesday } \end{aligned}$ | Geography | - | -- | Geography of India | B-212 | - | - |
|  | Botany | - | - | Plant Physiology and Biochemistry | B-203 | - | - |
|  | Indus. Chemistry | - | -- | Effluent Treatment, Waste Management and Process in Strumentation | B-255 | - | - |
|  | Physics | - | - | Elements of Quantum Mechanics. Atomic and Moleculars Spectra | B-218 | -- | - |


| Date \& Day | Subject | Ist Shift (7 AM to 10 AM) |  | IInd Shift (11 AM to 2 PM) |  | Ilird Shift (3 PM to 6 PM) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Course | Paper Code | Course | Paper Code | Course | Paper Code |
| 07-04-2015 <br> Tuesday | F.S. \& Q.C. | - | -- | Food Preservation | B-256 | - | - |
|  | Indus. Microbiology | - | - | Microbial Genetics and Molecular Biology | B-213 | - | $\cdots$ |
|  | Zoology | - | - | Chordata | B-220 | - | - |
|  | Microbiology | - | - | Instrumentation and Bioanalytical Techniques | B-241 | - | - |
| 09-04-2015 <br> Thursday | Maths | - | - | Linear Algebra and Matrices | B-226 | - | - |
|  | F.S. \& Q.C. | -- | - | Sensary Evaluation \& Analytical | B-257 | - | - |
|  | Zoology | - | - | Animal Distribution, Evolution and Developmental Biology | B-221 | - | - |
|  | Microbiology | -- | - | Cell Biology, Microbial Genetics and Molecular Biology | B-242 | - | - |
|  | Indus. Microbiology | - | - | Environmental Microbiology | B-214 | - | - |
| 11-04-2015 Saturday | - | -- | - | QUALIFYING COURSESports \& Physical Education | B-002 | - | -- |
| 13-04-2015 <br> Monday | Maths | -- | - | Differential Equations and Integral Transforms | B-227 | - | - |
|  | F.S. \& Q.C. | -- | - | Packing Material Testing | B-258 | - | - |
|  | Zoology | -- | - | Physiology and Bio-chemistry | B-222 | - | - |
|  | Microbiology | -- | - | Microbial Physiology \& Metabolism | B-243 | - | - |
|  | Indus. Microbiology | - | - | Computers, Bioinformatics and Biostatics | B-215 | - | - |
| 15-04-2015 <br> Wednesday | Def. Studies | Art of War in India (upto 1947) | B-104 | - | - | Evolution of Strategic Thought | B-304 |
|  | Comp. Application | Computer Fundamentals and Intemet | B-192 | - | - | Java Programming | B-392 |
|  | Statistics | -- | - | Statistical Inference | B-294 | - | - |
|  | Geology | -- | - | Stratigraphy | B-236 | - | - |


| Date \& Day | Subject | Ist Shift (7 AM to 10 AM) |  | IInd Shift (11 AM to 2 PM) |  | IIIrd Shift (3 PM to 6 PM) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Course | Paper Code | Course | Paper Code | Course | Paper Code |
| 18-04-2015 <br> Saturday | Def. Studies | Evolution of Armament and Western Art of Warfare | B-105 | - | - | Study of War and Peace | B-305 |
|  | Comp. Application | Data Communication | B-193 | - | - | Advanced Topics in Computer | B-393 |
|  | Statistics | - | - | Survey Sampling | B-295 | - | - |
|  | Geology | - | -- | Palaeontology | B-237 | - | - |
| $\begin{aligned} & \text { 22-04-2015 } \\ & \text { Wednesday } \end{aligned}$ | Maths | - | -- | Mechanics | B-228 | - | - |
|  | Botany | Diversity of Viruses, Bacteria \& Fungi | B-101 | - | -- | Plant Resource Utilization, Palynology, Plant Pathology and Biostatistics | B-301 |
|  | Indus. Chemistry | Industrial Aspects of Organic and Inorganic Chemistry | B-153 | - | - | Industrial Chemical Analysis | B-353 |
|  | Physics | Mechanics and Wave Motion | B-116 | - | - | Relativity and Statistical Physics | B-316 |
| 23-04-2015 <br> Thursday | Statistics | - | - | Analysis of Variance and Design of Experiment | B - 296 | - | - |
|  | Geology | -- | - | Petrology | B-238 | -- | $\sim$ |
| $\begin{aligned} & \text { 24-04-2015 } \\ & \text { Friday } \end{aligned}$ | Botany | Diversity of Algae, Lichens \& Bryophytes | B-102 | - | - | Molecular Biology \& Biotechnology | B-302 |
|  | Indus. Chemistry | Industrial Aspects of Physical Chemistry. Material and Energy Balances | B-154 | - | - | Chemical Process Economics and Industrial Organization | B-354 |
|  | Physics | Kinetic Theory and Thermodynamics | B-117 | - | - | Solid State \& Nuclear Physics | B-317 |
| $\begin{aligned} & \text { 25-04-2015 } \\ & \text { Saturday } \end{aligned}$ | Geography | Physical Geography | B-111 | 3 |  | Environmental Studies | B-511 |
| 27-04-2015 <br> Monday | - |  |  | QUALIFYING COURSEGeneral Awareness | B-010 | - | -- |
|  | Botany | Diversity of Pleridophytes \& Gymnesperms | B-103 | - | - | Environmental Botany | B-303 |
|  | Indus. Chemistry | Unit Operations, Utilities, Fluid Flow and Heat Transport in Chemical Industry | B-155 | - | - | Polymers | B-455 |
|  | Physics | Circuit Fundamentals and Basic Electronics | B-118 | - | -- | Solid State Electronics | B-318 |


| Date \& Day | Subject | Ist Shift (7 AM to 10 AM) |  | Ind Shift (11 AM to 2 PM) |  | Ilird Shift (3 PM to 6 PM) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Course | Paper Code | Course | Paper Code | Course | Paper Code |
| 28-04-2015 <br> Tuesday | Economics | - | - | National income Analysis, Money and Banking | B - 245 |  |  |
|  | Geography | Human Geography | B-112 | + | - | Any one of the following : <br> South West Asia <br> South East Asia <br> Far East Asia <br> South Asia | B-512 B-513 B-514 B-515 |
| $\begin{aligned} & \text { 29-04-2015 } \\ & \text { Wednesday } \end{aligned}$ | - | - |  | FOUNDATION COURSE - <br> Hindi <br> English <br> Sanskrit | $\begin{aligned} & \text { B-011 } \\ & \text { B-012 } \\ & \text { B-013 } \end{aligned}$ |  |  |
|  | Indus. Chemistry | - | -- | - | - | Pharmaceuticals | B-457 |
|  | - | QUALIFYING COURSEEnvironmental Studies | B - 008 | - | - | - | - |
| $\begin{aligned} & \text { 30-04-2015 } \\ & \text { Thursday } \end{aligned}$ | F.S. \& Q.C. | Basic Nutrition Food | B-156 | - | - | Food Analysis | B-356 |
|  | Indus. Microbiology | Fundamentals of Microbiology | B-113 | - | - | Immunology \& Medical Microbiology | B-313 |
|  | Zoology | Lower Non Chordata (Protozoa Helminths) | B-120 | - | - | Applied and Economic Zoology | B-320 |
|  | Microbiology | Microbial Diversity-1 | B-141 | -- | - | Immunology \& Medical Microbiology | B-341 |
| $\begin{aligned} & \text { 01-05-2015 } \\ & \text { Friday } \end{aligned}$ | Chemistry | - | - | Inorganic Chemistry | B - 206 |  |  |
|  | Indus. Chemistry | - | - | - | - | Heavy and Fine Chemicals | B-459 |
| $\begin{aligned} & \text { 02-05-2015 } \\ & \text { Saturday } \end{aligned}$ | Maths | Algebra and Trigonometry | B-126 | - | -- | Analysis | B-326 |
|  | F.S. \& Q.C. | Food Commodities \& Food Chemistry | B-157 | -- | - | Introduction to food Manufacture | B-357 |
|  | Zoology | Higher Non Chordata (Annelida- chinodermata) | B-121 | *- | - | Biotechnology, Immunology, Biological Tools and Techniques and Biostatistics | B-321 |
|  | Microbiology | Microbial Diversity-lI | B-142 | - | - | Food, Dairy and Agricultural Microbiology | B-342 |
|  | Indus. Microbiology | Microbial Physiology and Bio-chemistry | B-114 | - | - | Agriculture \& Food Microbiology | B-314 |


| Date \& Day | Subject | Ist Shift (7 AM to 10 AM) |  | IInd Shift (11 AM to 2 PM) |  | Ilird Shift (3 PM to 6 PM) |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Course | Paper Code | Course | Paper Code | Course | Paper Code |
| $\begin{aligned} & \text { 05-05-2015 } \\ & \text { Tuesday } \end{aligned}$ | Economics | - | - | Public Finance and International Trade | B-246 | - | -- |
|  | - | QUALIFYING COURSESports \& Physical Education | B-001 | -- | - | QUALIFYING COURSESports \& Physical Education | B-003 |
| 06-05-2015 <br> Wednesday | Chemistry | - - | - | Organic Chemistry | B-207 | - | -- |
|  | Statistics | Statistical Methods | B-194 | $\dagger$ | - | Non-Parametric Methods and Numerical Analysis | B-394 |
|  | Geology | Physical Geology | B-136 | - | - | Stratigraphic Plaeontology \& Sedimentology | B-336 |
| $07-05-2015$ <br> Thursday | Maths | Calculus | B-127 | - | - | Linear Programming | B-327 |
|  | F.S. \& Q.C. | Sanitation, Hygiene \& Food Microbiology | B-158 | - | - | Food Toxicology. Food Adultration and Testing | B-358 |
|  | Zoology | Cell Biology and Genetics | B-122 | $\cdots$ | - | Ecology, Microbiology Animal Behavior and Pollution and Toxicology | B-322 |
|  | Microbiology | Pest Management and Parasitology | B-143 | - | - | Industrial and Environmental Microbiology | B-343 |
|  | Indus. Microbiology | Tools and Techniques in Microbiology | B-115 | - | - | Industrial Microbiology | B-315 |
| 08-05-2015 <br> Friday | Chemistry | - | - | Physical Chemistry | B-208 | - | - |
|  | Statistics | Probability | B-195 | - | - | Applied Statistics | B-395 |
|  | Geology | Structural Geology | B-137 | - | - | Economic Geology | B-337 |
| $11-05-2015$ Monday | - | FOUNDATION COURSE Bhartiya Sanskriti Evam Rashtra Gaurav | B-009 | - | - | - | - |
| 12-05-2015 <br> Tuesday | Maths | Geometry and Vector Calculus | B-128 | - | - | Numerical Methods and Fundamentals of Computer | B-328 |
| $\begin{aligned} & \text { 13-05-2015 } \\ & \text { Wednesday } \end{aligned}$ | F.S. \& Q.C. | Entrepreneurship Development | B-159 | - | - | - | - |
| 14-05-2015 <br> Thursday | Chemistry | Inorganic Chemistry | B-106 | - | - | Inorganic Chemistry | B-306 |
| $16-05-2015$ <br> Saturday | Chemistry | Organic Chemistry | B-107 | - | - | Organic Chemistry | B-307 |
| 18-05-2015 <br> Monday | Economics | Principles of Economic Analysis | B-145 | - | - | Economics of Growth and Development | B-345 |



विशेष नोट : स्नातक तृतीय भाग के ऐसे पुरातन (Old) छात्र/छात्रायें जिन्होंने कोड $011 / 012 / 013$ में से किसी एक कोड की परीक्षा अभी तक उत्तीर्ण नहीं की है, ऐसे छात्र/छात्रायें परीक्षा कार्यक्रम में निर्धारित तिथि एवं पाली के अनुसार स्नातक द्वितीय भाग के साथ परीक्षा में सम्मिलित होना सुनिश्चित् करें।

## कृपया परीक्षार्थी विशेष ध्यान दें :-

1. वस्तुनिष्ठ प्रश्न-पत्रों की अवधि प्रत्येक पाली में दो घंटे निर्धारित रहेगी।
(प्रथम पाली 7 A.M. से 9 A.M., द्वितीय पाली 11 A.M. से 1 P.M. तथा तृतीय पाली 3 P.M. से 5 P.M. होगी)।
2. परीक्षा कार्यक्रम में व्यक्तिगत बैक पेपर परीक्षार्थी व्यक्तिगत परीक्षा के साथ तथा संस्थागत बैक पेपर परीक्षार्थी संस्थागत परीक्षा के साथ ही बैक पेपर में सम्मिलित होंगे।
