

of hybridization involving s, p and d orbitals; Resonance.

Molecular Orbital Theory - Its important features, LCAOs, types of molecular orbitals (bonding, antibonding), sigma and pi-bonds, molecular orbital electronic configurations of homonuclear diatomic molecules, concept of bond order, bond length and bond energy.

Elementary idea of metallic bonding. Hydrogen bonding and its applications.

UNIT 5: CHEMICAL THERMODYNAMICS

Fundamentals of thermodynamics: System and surroundings, extensive and intensive properties, state functions, types of processes.

First law of thermodynamics - Concept of work, heat internal energy and enthalpy, heat capacity, molar heat capacity; Hess's law of constant heat summation; Enthalpies of bond dissociation, combustion, formation, atomization, sublimation, phase transition, hydration, ionization and solution.

Second law of thermodynamics; Spontaneity of processes; ΔS of the universe and ΔG of the system as criteria for spontaneity, ΔG° (Standard Gibbs energy change) and equilibrium constant.

UNIT 6: SOLUTIONS

Different methods for expressing concentration of solution - molality, molarity, mole fraction, percentage (by volume and mass both), vapour pressure of solutions and Raoult's Law - Ideal and non-ideal solutions, vapour pressure - composition, plots for ideal and non-ideal solutions; Colligative properties of dilute solutions - relative lowering of vapour pressure, depression of freezing point, elevation of boiling point and osmotic pressure; Determination of molecular mass using colligative properties; Abnormal value of molar mass, van't Hoff factor and its significance.

UNIT 7: EQUILIBRIUM

Meaning of equilibrium, concept of dynamic equilibrium.

Equilibria involving physical processes: Solid-liquid, liquid-gas and solid-gas equilibria, Henry's law, general characteristics of equilibrium involving physical processes.

Equilibria involving chemical processes: Law of chemical equilibrium, equilibrium constants (K_p and K_c) and their significance, significance of ΔG and ΔG° in chemical equilibria, factors affecting equilibrium concentration, pressure, temperature, effect of catalyst; Le Chatelier's principle.

Ionic equilibrium: Weak and strong electrolytes, ionization of electrolytes, various concepts of acids and bases (Arrhenius, Brønsted-Lowry and Lewis) and their ionization, acid-base equilibria (including multistage ionization) and ionization constants, ionization of water, pH scale, common ion effect, hydrolysis of salts and pH of their solutions, solubility of sparingly soluble salts and solubility products, buffer solutions.

UNIT 8: REDOX REACTIONS AND ELECTROCHEMISTRY

Electronic concepts of oxidation and reduction, redox reactions, oxidation number, rules for assigning oxidation number, balancing of redox reactions.

Electrolytic and metallic conduction, conductance in electrolytic solutions, molar conductivities and their variation with concentration: Kohlrausch's law and its applications.

Electrochemical cells - Electrolytic and Galvanic cells, different types of electrodes, electrode potentials including standard electrode potential, half-cell and cell reactions, emf of a Galvanic cell and its measurement; Nernst equation and its applications; Relationship between cell potential and Gibbs' energy change; Dry cell and lead accumulator; Fuel cells.

UNIT 9: CHEMICAL KINETICS

Rate of a chemical reaction, factors affecting the rate of reactions: concentration, temperature, pressure and catalyst; elementary and complex reactions, order and molecularity of reactions, rate law, rate constant and its units, differential and integral forms of zero and first order reactions, their characteristics and half-lives, effect of temperature on rate of reactions - Arrhenius theory, activation energy and its calculation, collision theory of bimolecular gaseous reactions (no derivation).

UNIT 10: SURFACE CHEMISTRY

Adsorption- Physisorption and chemisorption and their characteristics, factors affecting adsorption of gases on solids - Freundlich and Langmuir adsorption isotherms, adsorption from solutions.

Catalysis - Homogeneous and heterogeneous, activity and selectivity of solid catalysts, enzyme catalysis and its mechanism.

Colloidal state- distinction among true solutions, colloids and suspensions, classification of colloids - lyophilic, lyophobic; multimolecular, macromolecular and associated colloids (micelles), preparation and properties of colloids - Tyndall effect, Brownian movement, electrophoresis, dialysis, coagulation and flocculation; Emulsions and their characteristics.

SECTION - B

INORGANIC CHEMISTRY

UNIT 11: CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES

Modern periodic law and present form of the periodic table, s, p, d and f block elements, periodic trends in properties of elements atomic and ionic radii, ionization enthalpy, electron gain enthalpy, valence, oxidation states and chemical reactivity.

UNIT 12: GENERAL PRINCIPLES AND PROCESSES OF ISOLATION OF METALS

Modes of occurrence of elements in nature, minerals, ores; Steps involved in the extraction of metals - concentration, reduction (chemical and electrolytic methods) and refining with special reference to the extraction of Al, Cu, Zn and Fe; Thermodynamic and electrochemical principles involved in the extraction of metals.

UNIT 13: HYDROGEN

Position of hydrogen in periodic table, isotopes, preparation, properties and uses of hydrogen; Physical and chemical properties of water and heavy water; Structure, preparation, reactions and uses of hydrogen peroxide; Classification of hydrides - ionic, covalent and interstitial; Hydrogen as a fuel.

UNIT 14: S-BLOCK ELEMENTS (ALKALI AND ALKALINE EARTH METALS)

Group - 1 and 2 Elements

General introduction, electronic configuration and general trends in physical and chemical properties of elements, anomalous properties of the first element of each group, diagonal relationships.

Preparation and properties of some important compounds - sodium carbonate and sodium hydroxide and sodium hydrogen carbonate; Industrial uses of lime, limestone, Plaster of Paris and cement; Biological significance of Na, K, Mg and Ca.

UNIT 15: P-BLOCK ELEMENTS

Group - 13 to Group 18 Elements

General Introduction: Electronic configuration and general trends in physical and chemical properties of elements across the periods and down the groups; unique behaviour of the first element in each group.

Groupwise study of the p-block elements

Group - 13

Preparation, properties and uses of boron and aluminium; Structure, properties and uses of borax, boric acid, diborane, boron trifluoride, aluminium chloride and alums.

Group - 14

Tendency for catenation; Structure, properties and uses of Allotropes and oxides of carbon, silicon tetrachloride, silicates, zeolites and silicones.

Group - 15

Properties and uses of nitrogen and phosphorus; Allotropic forms of phosphorus; Preparation, properties, structure and uses of ammonia, nitric acid, phosphine and phosphorus halides, (PCl_3 , PCl_5); Structures of oxides and oxoacids of nitrogen and phosphorus.

Group - 16

Preparation, properties, structures and uses of ozone; Allotropic forms of sulphur; Preparation, properties, structures and uses of sulphuric acid (including its industrial preparation); Structures of oxoacids of sulphur.

Group - 17

Preparation, properties and uses of hydrochloric acid; Trends in the acidic nature of hydrogen halides; Structures of Interhalogen compounds and oxides and oxoacids of halogens.

Group - 18

Occurrence and uses of noble gases; Structures of fluorides and oxides of xenon.

UNIT 16: d- and f- BLOCK ELEMENTS

Transition Elements

General introduction, electronic configuration, occurrence and characteristics, general trends in properties of the first row transition elements - physical properties, ionization enthalpy, oxidation states, atomic radii, colour, catalytic behaviour, magnetic properties, complex formation, interstitial compounds, alloy formation; Preparation, properties and uses of $\text{K}_2\text{Cr}_2\text{O}_7$ and KMnO_4 .

Inner Transition Elements

Lanthanoids - Electronic configuration, oxidation states and lanthanoid contraction.

Actinoids - Electronic configuration and oxidation states.

UNIT 17: CO-ORDINATION COMPOUNDS

Introduction to co-ordination compounds, Werner's theory; ligands, co-ordination number, denticity, chelation; IUPAC nomenclature of mononuclear co-ordination compounds, isomerism; Bonding-Valence bond approach and basic ideas of Crystal field theory, colour and magnetic properties; Importance of co-ordination compounds (in qualitative analysis, extraction of metals and in biological systems).

UNIT 18: ENVIRONMENTAL CHEMISTRY

Environmental pollution - Atmospheric, water and soil.

Atmospheric pollution - Tropospheric and Stratospheric

Tropospheric pollutants - Gaseous pollutants: Oxides of carbon, nitrogen and sulphur, hydrocarbons; their sources, harmful effects and prevention; Green house effect and Global warming; Acid rain;

Particulate pollutants: Smoke, dust, smog, fumes, mist; their sources, harmful effects and prevention.

Stratospheric pollution- Formation and breakdown of ozone, depletion of ozone layer - its mechanism and effects.

Water Pollution - Major pollutants such as, pathogens, organic wastes and chemical pollutants; their harmful effects and prevention.

Soil pollution - Major pollutants such as: Pesticides (insecticides, herbicides and fungicides), their harmful effects and prevention.

Strategies to control environmental pollution.

SECTION-C ORGANIC CHEMISTRY

UNIT 19: PURIFICATION AND CHARACTERISATION OF ORGANIC COMPOUNDS

Purification - Crystallization, sublimation, distillation, differential extraction and chromatography - principles and their applications.

Qualitative analysis - Detection of nitrogen, sulphur, phosphorus and halogens.

Quantitative analysis (basic principles only) - Estimation of carbon, hydrogen, nitrogen, halogens, sulphur, phosphorus.

Calculations of empirical formulae and molecular formulae; Numerical problems in organic quantitative analysis.

UNIT 20: SOME BASIC PRINCIPLES OF ORGANIC CHEMISTRY

Tetravalency of carbon; Shapes of simple molecules - hybridization (s and p); Classification of organic compounds based on functional groups; and those containing halogens, oxygen, nitrogen and sulphur; Homologous series; Isomerism - structural and stereoisomerism.

Nomenclature (Trivial and IUPAC)

Covalent bond fission - Homolytic and heterolytic; free radicals, carbocations and carbanions; stability of carbocations and free radicals, electrophiles and nucleophiles.

Electronic displacement in a covalent bond

- Inductive effect, electromeric effect, resonance and hyperconjugation.

Common types of organic reactions- Substitution, addition, elimination and rearrangement.

UNIT 21: HYDROCARBONS

Classification, isomerism, IUPAC nomenclature, general methods of preparation, properties and reactions.

Alkanes - Conformations: Sawhorse and Newman projections (of ethane); Mechanism of halogenation of alkanes.

Alkenes - Geometrical isomerism; Mechanism of electrophilic addition: addition of hydrogen, halogens, water, hydrogen halides (Markownikoff's and peroxide effect); Ozonolysis and polymerization.

Alkynes - Acidic character; Addition of hydrogen, halogens, water and hydrogen halides; Polymerization.

Aromatic hydrocarbons - Nomenclature, benzene - structure and aromaticity; Mechanism of electrophilic substitution: halogenation, nitration, Friedel - Craft's alkylation and acylation, directive influence of functional group in mono-substituted benzene.

UNIT 22: ORGANIC COMPOUNDS CONTAINING HALOGENS

General methods of preparation, properties and reactions; Nature of C-X bond; Mechanisms of substitution reactions.

Uses; Environmental effects of chloroform, iodoform freons and DDT.

UNIT 23: ORGANIC COMPOUNDS CONTAINING OXYGEN

General methods of preparation, properties, reactions and uses.

ALCOHOLS, PHENOLS AND ETHERS

Alcohols: Identification of primary, secondary and tertiary alcohols; mechanism of dehydration.

Phenols: Acidic nature, electrophilic substitution reactions: halogenation, nitration and sulphonation, Reimer - Tiemann reaction.

Ethers: Structure.

Aldehyde and Ketones: Nature of carbonyl group; Nucleophilic addition to $>C=O$ group, relative reactivities of aldehydes and ketones; Important reactions such as - Nucleophilic addition reactions (addition of HCN, NH_3 and its derivatives), Grignard reagent; oxidation; reduction (Wolff Kishner and Clemmensen); acidity of α -hydrogen, aldol condensation, Cannizzaro reaction, Haloform reaction;

Chemical tests to distinguish between aldehydes and Ketones.

CARBOXYLIC ACIDS

Acidic strength and factors affecting it.

UNIT 24: ORGANIC COMPOUNDS CONTAINING NITROGEN

General methods of preparation, properties, reactions and uses.

Amines: Nomenclature, classification, structure, basic character and identification of primary, secondary and tertiary amines and their basic character.

Diazonium Salts: Importance in synthetic organic chemistry.

UNIT 25: POLYMERS

General introduction and classification of polymers, general methods of polymerization-addition and condensation, copolymerization;

Natural and synthetic rubber and vulcanization; some important polymers with emphasis on their monomers and uses - polythene, nylon, polyester and bakelite.

UNIT 26: BIOMOLECULES

General introduction and importance of biomolecules.

CARBOHYDRATES - Classification: aldoses and ketoses; monosaccharides (glucose and fructose) and constituent monosaccharides of oligosaccharides (sucrose, lactose and maltose).

PROTEINS - Elementary Idea of α -amino acids, peptide bond, polypeptides; Proteins: primary, secondary, tertiary and quaternary structure (qualitative idea only), denaturation of proteins, enzymes.

VITAMINS - Classification and functions.

NUCLEIC ACIDS - Chemical constitution of DNA and RNA.

Biological functions of nucleic acids.

UNIT 27: CHEMISTRY IN EVERYDAY LIFE

Chemicals in medicines - Analgesics, tranquilizers, antiseptics, disinfectants, antimicrobials, antifertility drugs, antibiotics, antacids, antihistamins - their meaning and common examples.

Chemicals in food - Preservatives, artificial sweetening agents - common examples.

Cleansing agents - Soaps and detergents, cleansing action.

UNIT 28: PRINCIPLES RELATED TO PRACTICAL CHEMISTRY

● Detection of extra elements (N,S, halogens) in organic compounds; Detection of the following

functional groups: hydroxyl (alcoholic and phenolic), carbonyl (aldehyde and ketone), carboxyl and amino groups in organic compounds.

● Chemistry involved in the preparation of the following:

Inorganic compounds: Mohr's salt, potash alum.

Organic compounds: Acetanilide, p-nitroacetanilide, aniline yellow, iodoform.

● Chemistry involved in the titrimetric exercises - Acids bases and the use of indicators, oxalic-acid vs KMnO_4 , Mohr's salt vs KMnO_4 .

● Chemical principles involved in the qualitative salt analysis:

Cations - Pb^{2+} , Cu^{2+} , Al^{3+} , Fe^{3+} , Zn^{2+} , Ni^{2+} , Ca^{2+} , Ba^{2+} , Mg^{2+} , NH_4^+ .

Anions- CO_3^{2-} , S^{2-} , SO_4^{2-} , NO_3^- , NO_2^- , Cl^- , Br^- , I^- . (Insoluble salts excluded).

● Chemical principles involved in the following experiments:

1. Enthalpy of solution of CuSO_4
2. Enthalpy of neutralization of strong acid and strong base.
3. Preparation of lyophilic and lyophobic sols.
4. Kinetic study of reaction of iodide ion with hydrogen peroxide at room temperature.

SYLLABUS FOR APTITUDE TEST B. ARCH/B. PLANNING

Part - I Awareness of persons, places, Buildings, Materials.) Objects, Texture related to Architecture and build-environment. Visualising three dimensional objects from two dimensional drawings. Visualising different sides of three dimensional objects. Analytical Reasoning Mental Ability (Visual, Numerical and Verbal).

Part - II Three dimensional - perception: Understanding and appreciation of scale and proportion of objects, building forms and elements, colour texture, harmony and contrast. Design and drawing of geometrical or abstract shapes and patterns in pencil. Transformation of forms both 2D and 3D union, subtraction, rotation, development of surfaces and volumes, Generation of Plan, elevations and 3D views of objects, Creating two dimensional and three dimensional compositions using given shapes and forms.

Sketching of scenes and activities from memory of urbanscape (public space, market, festivals, street scenes, monuments, recreational spaces etc.), landscape (river fronts, jungles, gardens, trees, plants etc.) and rural life.

Note: Candidates are advised to bring pencils, own geometry box set, erasers and colour pencils and crayons for the Aptitude Test.

Appendix 2

JEE (MAIN) – 2017 will be conducted in the following cities in the mode shown against the cities:-

City Code	State	CITY	Mode of Exam.	Mode of Exam.
1.	ANDAMAN & NICOBAR	PORT BLAIR	PEN & PAPER BASED	COMPUTER BASED
2.	ANDHRA PRADESH	GUNTUR	PEN & PAPER BASED	COMPUTER BASED
3.		TIRUPATI	PEN & PAPER BASED	COMPUTER BASED
4.		VIJAYAWADA	PEN & PAPER BASED	COMPUTER BASED
5.		VISAKHAPATNAM	PEN & PAPER BASED	COMPUTER BASED
6.	ARUNACHAL PRADESH	ITANAGAR	PEN & PAPER BASED	COMPUTER BASED
7.	ASSAM	GUWAHATI	PEN & PAPER BASED	COMPUTER BASED
8.		SILCHAR	PEN & PAPER BASED	COMPUTER BASED
9.	BIHAR	GAYA	PEN & PAPER BASED	COMPUTER BASED
10.		MUZAFFARPUR	PEN & PAPER BASED	COMPUTER BASED
11.		PATNA	PEN & PAPER BASED	COMPUTER BASED
12.	CHANDIGARH	CHANDIGARH/MOHALI	PEN & PAPER BASED	COMPUTER BASED
13.	CHHATISGARH	RAIPUR	PEN & PAPER BASED	COMPUTER BASED
14.	DADRA NAGAR HAVELI	DADRA NAGAR HAVELI	PEN & PAPER BASED	COMPUTER BASED
15.	DAMAN & DIU	DAMAN & DIU	PEN & PAPER BASED	COMPUTER BASED
16.	DELHI	DELHI/NEW DELHI	PEN & PAPER BASED	COMPUTER BASED
17.	GOA	PANAJI	PEN & PAPER BASED	COMPUTER BASED
18.	GUJARAT	AHMEDABAD	PEN & PAPER BASED	COMPUTER BASED
19.		ANAND	PEN & PAPER BASED	COMPUTER BASED
20.		BHAVNAGAR	PEN & PAPER BASED	COMPUTER BASED
21.		GANDHINAGAR	PEN & PAPER BASED	COMPUTER BASED
22.		GODHRA	PEN & PAPER BASED	COMPUTER BASED
23.		PATAN	PEN & PAPER BASED	COMPUTER BASED
24.		RAJKOT	PEN & PAPER BASED	COMPUTER BASED
25.		SURAT	PEN & PAPER BASED	COMPUTER BASED
26.		VADODARA	PEN & PAPER BASED	COMPUTER BASED
27.		VALSAD	PEN & PAPER BASED	COMPUTER BASED
28.	HARYANA	FARIDABAD	PEN & PAPER BASED	COMPUTER BASED
29.		GURGAON	PEN & PAPER BASED	COMPUTER BASED
30.		HISAR	PEN & PAPER BASED	COMPUTER BASED
31.		KARNAL	PEN & PAPER BASED	COMPUTER BASED
32.		KURUKSHETRA	PEN & PAPER BASED	COMPUTER BASED
33.	HIMACHAL PRADESH	HAMIRPUR	PEN & PAPER BASED	COMPUTER BASED
34.		SHIMLA	PEN & PAPER BASED	COMPUTER BASED
35.	JAMMU & KASHMIR	JAMMU	PEN & PAPER BASED	COMPUTER BASED
36.		SRINAGAR	PEN & PAPER BASED	COMPUTER BASED
37.	JHARKHAND	BOKARO	PEN & PAPER BASED	COMPUTER BASED
38.		DHANBAD	PEN & PAPER BASED	COMPUTER BASED
39.		JAMSHEDPUR	PEN & PAPER BASED	COMPUTER BASED
40.		RANCHI	PEN & PAPER BASED	COMPUTER BASED
41.	KARNATAKA	BENGALURU	PEN & PAPER BASED	COMPUTER BASED
42.		HUBLI	PEN & PAPER BASED	COMPUTER BASED
43.		MANGALORE	PEN & PAPER BASED	COMPUTER BASED
44.	KERALA	ERNAKULAM	PEN & PAPER BASED	COMPUTER BASED

45.		KOZHIKODE	PEN & PAPER BASED	COMPUTER BASED
46.		THIRUVANTHAPURAM	PEN & PAPER BASED	COMPUTER BASED
47.	LAKSHADEEP	KAVARRATI	PEN & PAPER BASED	COMPUTER BASED
48.	MADHYA PRADESH	BHOPAL	PEN & PAPER BASED	COMPUTER BASED
49.		GWALIOR	PEN & PAPER BASED	COMPUTER BASED
50.		INDORE	PEN & PAPER BASED	COMPUTER BASED
51.		JABALPUR	PEN & PAPER BASED	COMPUTER BASED
52.		REWA	PEN & PAPER BASED	COMPUTER BASED
53.		UJJAIN	PEN & PAPER BASED	COMPUTER BASED
54.	MAHARASHTRA	AMRAVATI	PEN & PAPER BASED	COMPUTER BASED
55.		AURANGABAD	PEN & PAPER BASED	COMPUTER BASED
56.		MUMBAI	PEN & PAPER BASED	COMPUTER BASED
57.		NAGPUR	PEN & PAPER BASED	COMPUTER BASED
58.		NASIK	PEN & PAPER BASED	COMPUTER BASED
59.		PUNE	PEN & PAPER BASED	COMPUTER BASED
60.		THANE	PEN & PAPER BASED	COMPUTER BASED
61.	MANIPUR	IMPHAL	PEN & PAPER BASED	COMPUTER BASED
62.	MEGHALAYA	SHILLONG	PEN & PAPER BASED	COMPUTER BASED
63.	MIZORAM	AIZWAL	PEN & PAPER BASED	COMPUTER BASED
64.	NAGALAND	DIMAPUR	PEN & PAPER BASED	COMPUTER BASED
65.		KOHIMA	PEN & PAPER BASED	COMPUTER BASED
66.	ODISHA	BALASORE	PEN & PAPER BASED	COMPUTER BASED
67.		BERHAMPUR	PEN & PAPER BASED	COMPUTER BASED
68.		BHUBANESWAR	PEN & PAPER BASED	COMPUTER BASED
69.		CUTTACK	PEN & PAPER BASED	COMPUTER BASED
70.		ROURKELA	PEN & PAPER BASED	COMPUTER BASED
71.		SAMBALPUR	PEN & PAPER BASED	COMPUTER BASED
72.	PUDUCHERRY	PUDUCHERRY	PEN & PAPER BASED	COMPUTER BASED
73.	PUNJAB	AMRITSAR	PEN & PAPER BASED	COMPUTER BASED
74.		BATHINDA	PEN & PAPER BASED	COMPUTER BASED
75.	RAJASTHAN	AJMER	PEN & PAPER BASED	COMPUTER BASED
76.		BIKANER	PEN & PAPER BASED	COMPUTER BASED
77.		JAIPUR	PEN & PAPER BASED	COMPUTER BASED
78.		JODHPUR	PEN & PAPER BASED	COMPUTER BASED
79.		UDAIPUR	PEN & PAPER BASED	COMPUTER BASED
80.	SIKKIM	GANGTOK	PEN & PAPER BASED	COMPUTER BASED
81.	TAMILNADU	CHENNAI	PEN & PAPER BASED	COMPUTER BASED
82.		COIMBATORE	PEN & PAPER BASED	COMPUTER BASED
83.		MADURAI	PEN & PAPER BASED	COMPUTER BASED
84.	TELANGANA	HYDERABAD	PEN & PAPER BASED	COMPUTER BASED
85.		KHAMMAM	PEN & PAPER BASED	COMPUTER BASED
86.		WARANGAL	PEN & PAPER BASED	COMPUTER BASED
87.	TRIPURA	AGARTALA	PEN & PAPER BASED	COMPUTER BASED
88.	UTTARAKHAND	DEHRADUN	PEN & PAPER BASED	COMPUTER BASED
89.		HALDWANI	PEN & PAPER BASED	COMPUTER BASED
90.		HARIDWAR	PEN & PAPER BASED	COMPUTER BASED
91.		ROORKEE	PEN & PAPER BASED	COMPUTER BASED

92.	UTTAR PRADESH	AGRA	PEN & PAPER BASED	COMPUTER BASED
93.		ALLAHABAD	PEN & PAPER BASED	COMPUTER BASED
94.		BAREILLY	PEN & PAPER BASED	COMPUTER BASED
95.		GORAKHPUR	PEN & PAPER BASED	COMPUTER BASED
96.		JHANSI	PEN & PAPER BASED	COMPUTER BASED
97.		KANPUR	PEN & PAPER BASED	COMPUTER BASED
98.		LUCKNOW	PEN & PAPER BASED	COMPUTER BASED
99.		VARANASI	PEN & PAPER BASED	COMPUTER BASED
100.	WEST BENGAL	DURGAPUR	PEN & PAPER BASED	COMPUTER BASED
101.		HOWRAH	PEN & PAPER BASED	COMPUTER BASED
102.		KOLKATA	PEN & PAPER BASED	COMPUTER BASED
103.		SILIGURI	PEN & PAPER BASED	COMPUTER BASED
104.	OUT SIDE INDIA	COLOMBO		COMPUTER BASED
105.		KATHMANDU		COMPUTER BASED
106.		SINGAPORE		COMPUTER BASED
107.		BAHRAIN	PEN & PAPER BASED	COMPUTER BASED
108.		DUBAI	PEN & PAPER BASED	COMPUTER BASED
109.		MUSCAT	PEN & PAPER BASED	COMPUTER BASED
110.		RIYADH	PEN & PAPER BASED	COMPUTER BASED
111.		SHARJAH	PEN & PAPER BASED	COMPUTER BASED
112.	RAJASTHAN (INDIA)	KOTA	PEN & PAPER BASED	COMPUTER BASED
113.	OUT SIDE INDIA	DHAKA		COMPUTER BASED

REMARKS:1. Candidates may kindly note that Paper-2 (B. Arch./B. Planning.) will be conducted on 02/04/2017 from 2.00PM to 5.00PM(IST), only in Pen & Paper based examination cities and also in Colombo, Kathmandu, Singapore.

2. The Computer Based Examination for Paper – 1 in Colombo, Kathmandu, Singapore, Bahrain, Dubai, Muscat, Riyadh and Sharjah will be held on 09th April 2017.

3. In case of increase in number of candidates opting the city of Delhi for Computer Based Examination of JEE(Main)–2017, some candidates may be allotted examination centre in Noida/ Greater-Noida/Ghaziabad/Faridabad/Gurgaon.

Appendix 3

LIST OF QUALIFYING EXAMINATIONS

- I. The final examination of the 10+2 system, conducted by any recognized central/ stateBoard, such as Central Board of Secondary Education, New Delhi; Council for the IndianSchool Certificate Examinations, New Delhi; etc.
- II. Intermediate or two-year Pre-University examination conducted by a recognized Board/ University.
- III. Final examination of the two-year course of the Joint Services Wing of the National Defence Academy.
- IV. Senior Secondary School Examination conducted by the National Institute of Open Schooling with a minimum of five subjects.
- V. Any Public School/ Board/ University examination in India or in any foreign country recognized as equivalent to the 10+2 system by the Association of Indian Universities (AIU).
- VI. H.S.C. vocational examination. **[Only for Admission to IITs]**
- VII. A Diploma recognized by AICTE or a state board of technical education of at least 3 year duration. **[Only for Admission to IITs]**
- VIII. General Certificate Education (GCE) examination (London/Cambridge/Sri Lanka) at the Advanced (A) level. **[Only for Admission to IITs]**
- IX. High School Certificate Examination of the Cambridge University or International Baccalaureate Diploma of the International Baccalaureate Office, Geneva. **[Only for Admission to IITs]**

In case the relevant QE is not a public examination, the candidate must have passed at least one public (Board or Pre-University) examination at an earlier level.**[Only for Admission to IITs]**

Appendix 4

STATE CODE OF ELIGIBILITY

State Code of eligibility means the Code of the State from where the candidate has passed Class 12th / Equivalent qualifying examination by virtue of which he/she becomes eligible to appear in the JEE (Main) for admission to B.E/B.Tech and B.Arch/B. Planning Courses of the institutions/ Colleges of the States/UT.

Note- If a candidate has passed Class 12th/ Equivalent qualifying examination from one state but appeared for improvement from another state, his/her state code of eligibility will be from where he/she has originally passed Class 12th/ Equivalent qualifying examination and not the state from where he/she has appeared for improvement.

Indian nationals passing the equivalent qualifying examination from an institution abroad, the State of Eligibility will be determined on the basis of permanent address in India as given in the Passport of the candidate.

Candidate passed/appearing class 12th from NIOS should select the State of Eligibility according to the state in which the study centre is located. The State of Eligibility is not applicable for the candidates belonging to Nepal /Bhutan/Foreign/OCI/PIO.

The following table lists all State codes of Eligibility.

NAME OF THE STATE /UT	CODE	NAME OF THE STATE /UT	CODE
Andaman & Nicobar Islands (UT)	01	Madhya Pradesh	20
Andhra Pradesh	02	Maharashtra	21
Arunachal Pradesh	03	Manipur	22
Assam	04	Meghalaya	23
Bihar	05	Mizoram	24
Chandigarh (UT)	06	Nagaland	25
Chhattisgarh	07	Odisha	26
Dadra & Nagar Haveli (UT)	08	Puducherry (UT)	27
Daman & Diu (UT)	09	Punjab	28
Delhi	10	Rajasthan	29
Goa	11	Sikkim	30
Gujarat	12	Tamil Nadu	31
Haryana	13	Tripura	32
Himachal Pradesh	14	Uttar Pradesh	33
Jammu & Kashmir	15	Uttarakhand	34
Jharkhand	16	West Bengal	35
Karnataka	17	Telangana	36
Kerala	18	Foreign/OCI/PIO/ Nepal / Bhutan (Outside India)	97
Lakshadweep (UT)	19		

TENTATIVE LIST OF PARTICIPATING INSTITUTIONS IN CENTRALISED SEAT ALLOCATION PROCESS

National Institutes of Technology (NITs)

1. National Institute of Technology , Agartala (Tripura)
2. Motilal Nehru National Institute of Technology, Allahabad (U.P.)
3. National Institute of Technology, Arunachal Pradesh.
4. Maulana Azad National Institute of Technology, Bhopal (MP)
5. National Institute of Technology, Calicut (Kerala)
6. National Institute of Technology, Delhi
7. National Institute of Technology, Durgapur (West Bengal)
8. National Institute of Technology, Goa
9. National Institute of Technology, Hamirpur (Himachal Pradesh)
10. Malviya National Institute of Technology, Jaipur (Rajasthan)
11. Dr. B R Ambedkar National Institute of Technology, Jalandhar (Punjab)
12. National Institute of Technology, Jamshedpur (Jharkhand)
13. National Institute of Technology, Kurukshetra (Haryana)
14. National Institute of Technology, Manipur
15. National Institute of Technology, Meghalaya
16. National Institute of Technology, Mizoram
17. National Institute of Technology, Nagaland
18. Visvesvaraya National Institute of Technology, Nagpur (Maharashtra)
19. National Institute of Technology, Patna (Bihar)
20. National Institute of Technology, Puducherry
21. National Institute of Technology, Raipur (Chhattisgarh)
22. National Institute of Technology, Rourkela (Odisha)
23. National Institute of Technology, Sikkim
24. National Institute of Technology, Silchar (Assam)
25. National Institute of Technology, Hazratbal, Srinagar (J & K)
26. Sardar Vallabhbhai National Institute of Technology, Surat (Gujarat)
27. National Institute of Technology, Surathkal, Mangalore (Karnataka)
28. National Institute of Technology, Tiruchirapalli (Tamil Nadu)
29. National Institute of Technology, Uttarakhand
30. National Institute of Technology, Warangal
31. National Institute of Technology, Andhra Pradesh, Vatluru, Eluru - 534007

Indian Institutes of Information Technology (IIITs, IIITM & IIITDM)

1. Atal Bihari Vajpayee Indian Institute of Information Technology & Management, Gwalior (M.P.)
2. Indian Institute of Information Technology, Design & Manufacturing, Kanchipuram, Chennai (Tamil Nadu)
3. Indian Institute of Information Technology, Jhalwa, Allahabad (UP)

4. Pandit Dwarka Prasad Mishra Indian Institute of Information Technology, Design & Manufacturing, Jabalpur (M.P.)
5. Indian Institute of Information Technology, Guwahati (Assam)
6. Indian Institute of Information Technology, Kota (Rajasthan)
7. Indian Institute of Information Technology, Sri City, Chittoor (A. P.)
8. Indian Institute of Information Technology, Vadodara (Gujarat)
9. Indian Institute of Information Technology Manipur Mantripukhri, Imphal 795001
10. Indian Institute of Information Technology Srirangam, Tiruchirappalli
11. Indian Institute of Information Technology Lucknow
12. Indian Institute of Information Technology (IIIT) Dharwad
13. Indian Institute of Information Technology (IIIT) Kurnool
14. Indian Institute of Information Technology (IIIT) Kottayam
15. Indian Institute of Information Technology (IIIT) Kalyani, West Bengal
16. Indian Institute of Information Technology (IIIT) Kilohrad, Sonapat, Haryana
17. Indian Institute of Information Technology (IIIT) Una, Himachal Pradesh
18. Indian Institute of Information Technology (IIIT) Ranchi, Jharkhand
19. Indian Institute of Information Technology (IIIT) Nagpur, Maharashtra
20. Indian Institute of Information Technology (IIIT) Pune, Maharashtra

Other Central Government/State Government Funded Institutions

1. Assam University, Silchar (Assam)
2. Birla Institute of Technology, Mesra, Ranchi (Jharkhand)
3. Gurukul Kangri Vishwavidyalaya, Haridwar (Uttarakhand)
4. Indian Institute of Carpet Technology, Bhadohi (U.P.)
5. Institute of Infrastructure, Technology, Research & Management, Ahmedabad
6. Institute of Technology, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)
7. J.K. Institute of Applied Physics & Technology, University of Allahabad, Allahabad- 211002 (U.P.)
8. Mizoram University, Aizwal-796009
9. National Institute of Foundry & Forge Technology, P.O. Hatia, Ranchi (Jharkhand).
10. School of Planning and Architecture, Bhopal (Madhya Pradesh)
11. School of Planning and Architecture, I.P. Estate, New Delhi (SPA, Delhi).
12. School of Planning and Architecture, Vijayawada (Andhra Pradesh)
13. Shri Mata Vaishno Devi University, Katra-182320 (J & K)
14. Tezpur University, NAPAAM, Tezpur (Assam)
15. Indian Institute of Engineering Science & Technology, Shibpur, Distt Howrah (Formerly Bengal Engineering & Science University Shibpur)
16. Indian Institute of Crop Processing Technology, Thanjavur, Tamilnadu
17. National Institute of Electronics and Information Technology, Aurangabad, Maharashtra
18. Sant Longowal Institute of Engineering and Technology Longowal – 148106, Distt. Sangrur (Pb.), India
19. Harcourt Butler Technical University, Kanpur (U.P.)

Many States/Institutes used JEE (MAIN) -2016 ranks to fill seats through their own Seat Allocation Process are listed here.

1. Gujarat
2. Haryana
3. MadhyaPradesh
4. Nagaland
5. Odisha
6. Uttarakhand
7. Punjab Technical University, Jalandhar
8. Punjab Engineering College, Chandigarh
9. Indian Institute of Science, Bangalore
10. Indian Institute of Space Technology, Thiruvananthapuram
11. Indraprastha Institute of Information Technology, Delhi
12. Delhi Technological University, New Delhi.
13. Indira Gandhi Delhi Technical University for Women, New Delhi.
14. Netaji Subhash Institute of Technology (under Delhi University).
15. Jamia Millia Islamia, New Delhi.

Following Self Financed Deemed Universities/Universities/Other Institutions also participated in CENTRAL SEAT ALLOCATION BOARD (CSAB) through JEE (Main) 2016.

(Eligible only for Spot Round)

- 1 AISECT UNIVERSITY, BHOPAL, MADHYA PRADESH
- 2 AMITY SCHOOL OF ENGINEERING, AMITY UNIVERSITY HARYANA, GURGAON, HARYANA
- 3 AMITY SCHOOL OF ENGINEERING, AMITY UNIVERSITY MADHYA PRADESH, GWALIOR, MADHYA PRADESH
- 4 AMITY SCHOOL OF ENGINEERING, AMITY UNIVERSITY MUMBAI, MAHARASHTRA
- 5 AMITY SCHOOL OF ENGINEERING, AMITY UNIVERSITY RAJASTHAN, JAIPUR, RAJASTHAN
- 6 AMITY SCHOOL OF ENGINEERING, AMITY UNIVERSITY UTTAR PRADESH, LUCKNOW, UTTAR PRADESH
- 7 AMITY SCHOOL OF ENGINEERING, AMITY UNIVERSITY UTTAR PRADESH, NOIDA, UTTAR PRADESH
- 8 AMITY SCHOOL OF ENGINEERING, AMITY UNIVERSITY WEST BENGAL, KOLKATA, WEST BENGAL
- 9 AMITY SCHOOL OF ENGINEERING, GREATER NOIDA, UTTAR PRADESH
- 10 AMITY SCHOOL OF ENGINEERING, RAIPUR, CHHATTISGARH
- 11 BHAGWANT UNIVERSITY,SIKAR ROAD,AJMER, RAJASTHAN
- 12 Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE, CHENNAI, TAMIL NADU
- 13 DR. K.N. MODI UNIVERSITY, TONK, RAJASTHAN
- 14 GALGOTIAS UNIVERSITY UTTAR PRADESH, GREATER NOIDA, UTTAR PRADESH
- 15 ITM UNIVERSITY GWALIOR, MADYA PRADESH
- 16 KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION, ANAND NAGAR, KRISHNANKOIL, (TN)
- 17 NOIDA INTERNATIONAL UNIVERSITY, GAUTAM BUDH NAGAR, UTTAR PRADESH
- 18 PERIYAR MANIAMMAI INSTITUTE OF SCIENCE AND TECHNOLOGY, VALLAM THANJAVUR, TAMIL NADU
- 19 TECHNO INDIA UNIVERSITY, KOLKATA, WEST BENGAL (RESIDENTIAL)

Final List of Institutions admitting students (with intake in each discipline and category as per reservation) through JEE (Main)-2017 shall be available on the website of SEAT ALLOCATION BOARD in the month of May/June 2017.

Appendix 6

BOARDS/UNIVERSITIES CONDUCTING CLASS 12TH/EQUIVALENT EXAMINATION

1. ANDHRA PRADESH BOARD OF INTERMEDIATE EDUCATION
2. ASSAM HIGHER SECONDARY EDUCATION COUNCIL
3. BIHAR INTERMEDIATE EDUCATION COUNCIL (BIHAR SCHOOL EXAMINATION BOARD)
4. CENTRAL BOARD OF SECONDARY EDUCATION
5. CHATTISGARH MADHYAMIK SHIKSHA MANDAL (CHATTISGARH BOARD OF SECONDARY EDUCATION)
6. COUNCIL FOR THE INDIAN SCHOOL CERTIFICATE EXAMINATIONS
7. GOA BOARD OF SECONDARY AND HIGHER SECONDARY EDUCATION
8. GUJARAT SECONDARY EDUCATION BOARD
9. HARYANA BOARD OF EDUCATION
10. H P BOARD OF SCHOOL EDUCATION
11. J AND K STATE BOARD OF SCHOOL EDUCATION
12. JHARKHAND ACADEMIC COUNCIL
13. KARNATAKA BOARD OF PRE UNIVERSITY EDUCATION
14. KERALA BOARD OF PUBLIC EXAMINATIONS
15. MADHYA PRADESH BOARD OF SECONDARY EDUCATION
16. MAHARASTRA STATE BOARD OF SECONDARY AND HIGHER SECONDARY EDUCATION
17. MANIPUR COUNCIL OF HIGHER SECONDARY EDUCATION
18. MEGHALAYA BOARD OF SECONDARY EDUCATION
19. MIZORAM BOARD OF SCHOOL EDUCATION
20. NAGALAND BOARD OF SCHOOL EDUCATION
21. ODISHA COUNCIL OF HIGHER SECONDARY EDUCATION
22. PUNJAB SCHOOL EDUCATION BOARD
23. RAJASTHAN BOARD OF SECONDARY EDUCATION
24. TAMIL NADU BOARD OF HIGHER SECONDARY EDUCATION
25. TRIPURA BOARD OF SECONDARY EDUCATION
26. U P BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION
27. UTTARANCHAL SHIKSHA EVAM PARIKSHA PARISHAD
28. WEST BENGAL COUNCIL OF HIGHER SECONDARY EDUCATION
29. NATIONAL INSTITUTE OF OPEN SCHOOLING
30. JAMIA MILIA ISLAMIA, NEW DELHI
31. ALIGARH MUSLIM UNIVERSITY, ALIGARH
32. DAYALBAGH EDUCATIONAL INSTITUTE, AGRA
33. BANASTHALI VIDYAPEETH, RAJASTHAN
34. VISHWA BHARTI UNIVERSITY, SHANTINIKETAN, BIRBHOOM, WB
35. RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES, HYDERABAD
36. HARYANA OPEN SCHOOL, BHIWANI
37. RAJASTHAN STATE OPEN SCHOOL, JAIPUR
38. M P STATE OPEN SCHOOL, BHOPAL

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39. ANDHRA PRADESH OPEN SCHOOL SOCIETY
40. BIHAR BOARD OF OPEN SCHOOLING EXAMINATION
41. CHHATTISGARH STATE OPEN SCHOOL
42. CBSE i (CBSE international)
43. TELANGANA BOARD OF INTERMEDIATE EDUCATION
44. TELANGANA PRADESH OPEN SCHOOL SOCIETY
45. WEST BENGAL COUNCIL OF RABINDRA OPEN SCHOOLING
46. ASSAM STATE OPEN SCHOOL
47. DIRECTORATE GENERAL OF MILITARY TRAINING (RIMC)
81. BHUTAN HIGHER SECONDARY EDUCATION CERTIFICATE
82. 'A' LEVEL OF GENERAL CERTIFICATE OF EDUCATION, CAMBRIDGE UNIVERSITY (IGSE)
83. INTERNATIONAL BACCALAUREATE
84. EDEXCEL, LONDON (UK)
85. HIGHER SECONDARY EDUCATION BOARD, NEPAL
98. TECHNICAL/VOCATIONAL BOARD
99. OTHER BOARD

INSTRUCTIONS FOR USE OF TEST BOOKLET AND ANSWER SHEET (PEN AND PAPER MODE)

1. The candidates will find the Answer Sheet placed inside the sealed Test Booklet. The seal will be broken/ opened by the candidates on the announcement by the invigilator and the Answer Sheet shall be taken out. Do not open/break the seal before the announcement. **The candidates should verify the serial number and series of the Test Booklet with the serial number and series of OMR sheet. In case of any variation, the Test Booklet and OMR sheet should be immediately returned to the invigilator for the replacement with another set of same series available in the examination hall/centre.**
2. Side -2 of each Answer Sheet will have a pre-printed Test Booklet Code like A, B, C or D. The candidates are required to check that the Test Booklet Code pre-printed on Side-2 of the Answer Sheet is the same as printed on the Test Booklet.
3. **The Answer Sheet used will be of special type which will be scanned on Optical Scanner. There will be two sides of the Answer Sheet.**

Side 1 This side of the Answer Sheet contains the following columns which are to be filled in neatly and accurately by the candidate with **Blue/Black ball point pen only. Use of pencil is strictly prohibited.**

- I. Roll Number II. Name of the candidate
III. Father's Name IV. Centre Number
V. Name of the Examination Centre VI. Signature of the candidate

Side 2 This side of the Answer Sheet contains the following columns which are also to be filled in by the candidate **with Blue/Black Ball Point Pen only. Use of pencil is strictly prohibited.**

- I. Roll Number
II. Centre Number
III. Test Booklet Number

WRITING OF PARTICULARS AND RESPONSES ON SIDE -2 WITH BLUE/BLACK BALL POINT PEN ONLY WILL BE FILLED UP AS FOLLOWS:

IMPORTANT INSTRUCTIONS FOR MARKING THE RESPONSES IN PEN AND PAPER BASED EXAMINATION

- (i) Out of four alternatives for each question, only one circle for the correct answer is to be darkened completely with blue/black Ball Point Pen only. For example Question No. 008 in the Test Booklet reads as follows:

Qutub Minar is situated in

- (1) Delhi
(2) Mumbai
(3) Agra
(4) Bengaluru

The correct response to this question is (1) Delhi. The candidate will locate Question No. 008 in the Answer Sheet and darken the circle (1) as shown below:

008 ● ② ③ ④

- (ii) Use Blue or Black Ball Point Pen to completely darken the appropriate circle, i.e. one circle for each entry.

The answer once marked is not liable to be changed. Use of pencil is strictly prohibited. If any candidate uses the pencil for darkening the answer sheet, his/her answer sheet will be rejected.

- (iii) A light or faintly darkened circle is a wrong method of marking and liable to be rejected by the Optical Scanner. So, the circle should be properly darkened.

(iv) The Correct way of marking is shown below.

Correct Method



(v) If the candidate does not want to attempt any question he/she should not darken the circle given against that question.

(vi) Please do not fold the Answer Sheet and do not make any stray marks on it.

(vii) **ROUGH WORK**

The candidate will not do any rough work on the Answer Sheet. All rough work is to be done in the Test Booklet itself.

(viii) **CHANGING AN ANSWER IS NOT ALLOWED**

The candidates must fully satisfy themselves about the accuracy of the answer before darkening the appropriate circle as no change in answer once marked is allowed. Use of eraser or white/correction fluid on the Answer Sheet is not permissible as the Answer Sheets are machine gradable and it may lead to wrong evaluation.

If more than one circle is darkened or if the response is marked in any other manner except the 'Correct Method' shown above, it shall be treated as wrong way of marking and $\frac{1}{4}$ (one fourth) marks i.e. **one mark** will be deducted for each question.

(ix) Prior to handing over the Answer Sheet soon after the examination is over, the candidate must sign the attendance sheet as a proof thereof. **The examinee is permitted to carry the Test Booklet.**

WARNING 1. PERSONS REMOVING PAGES FROM THE TEST-BOOKLET DURING EXAMINATION, IMPERSONATING OR TRYING TO APPEAR IN THE SEAT ALLOCATION PROCESS THROUGH FORGED MEANS WILL BE DEALT WITH AS PER LAW.

2. CANVASSING DIRECTLY OR INDIRECTLY FOR THE ALLOTMENT OF SEATS OR INFLUENCING STAFF BY UNFAIR MEANS WOULD LEAD TO SERIOUS CONSEQUENCES INCLUDING DISQUALIFICATION OF THE CANDIDATES.

Appendix 8

TIME SCHEDULE FOR JEE (Main) - 2017

(A) TIME SCHEDULE FOR Pen and Paper based examination

	Paper-1(B.E./B.Tech.)	Paper-2(B.Arch./B. Planning.)
DATES OF EXAMINATION	02/04/2017 (Sunday)	02/04/2017 (Sunday)
a) Entry in the Examination Centre	0700 HRS. (IST)	1300 HRS. (IST)
b) Entry in the Examination Hall	0900 HRS. (IST)	1330 HRS. (IST)
c) Distribution of Test Booklet	0920 HRS. (IST)	1350 HRS. (IST)
d) Seal of the Test Booklet to be broken/opened to take out the Answer Sheet	0925 HRS. (IST)	1355 HRS. (IST)
e) Last entry in the Examination Hall	0930 HRS. (IST)	1400 HRS. (IST)
f) Test commences	0930 HRS. (IST)	1400 HRS. (IST)
g) Test concludes	1230 HRS. (IST)	1700 HRS. (IST)

(B) TIME SCHEDULE FOR COMPUTER BASED EXAMINATION

DATES OF EXAMINATION FOR PAPER-1 (B. E./B. TECH.): 08th& 09thApril 2017		
	Morning Session	Afternoon session*
a) Entry in the Examination Centre	0700 HRS. (IST)	1300 HRS. (IST)
b) Entry in the Examination Hall	0900 HRS. (IST)	1330 HRS. (IST)
c) Last entry in the Examination Hall	0930 HRS. (IST)	1400 HRS. (IST)
d) Test commences	0930 HRS. (IST)	1400 HRS. (IST)
e) Test concludes	1230 HRS. (IST)	1700 HRS. (IST)

* If required.

APPENDIX 9

**"Form-I
APPLICATION FOR OBTAINING DISABILITY CERTIFICATE BY PERSONS
WITH DISABILITIES
(See rule 3)**

1. Name: (Surname) _____ (First name) _____ (Middle name) _____

2. Father's name: _____ Mother's name: _____

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

4. Age at the time of application: _____ years

5. Sex: _____ Male/Female

6. Address:

(a) Permanent address

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

(c) Period since when residing at current address

7. Educational Status (Pl. tick as applicable)

- I. Post Graduate
- II. Graduate
- III. Diploma
- IV. Higher Secondary
- V. High School
- VI. Middle
- VII. Primary
- VIII. Illiterate

8. Occupation _____

9. Identification marks (i) _____ (ii) _____

10. Nature of disability: locomotor/hearing/visual/mental/others

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

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

(ii) If yes, details:

a. Authority to whom and district in which applied _____

b. Result of application _____

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

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

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

Date:

Place:

Encl:

1. Proof of residence (Please tick as applicable)
 - a. ration card,
 - b. voter identity card,
 - c. driving license,
 - d. bank passbook
 - e. PAN card,
 - f. passport,
 - g. telephone, electricity, water and any other utility bill indicating the address of the applicant,
 - h. a certificate of residence issued by a Panchayat, municipality, cantonment board, any gazetted officer, or the concerned Patwari or Head Master of a Govt. school,
 - i. in case of an inmate of a residential institution for persons with disabilities, destitute, mentally ill, etc., a certificate of residence from the head of such institution.
2. Two recent passport size photographs

(For office use only)

Date:

Place:

Signature of issuing authority
Stamp

Disability Certificate
(In cases of amputation or complete permanent paralysis of limbs
and in cases of blindness)
(See rule 4)

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

Recent PP size
attested
photograph
(showing face
only) of the
person with
disability

Certificate No. _____

Date: _____

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

(A) he/she is a case of:

- locomotor disability
- blindness

(Please tick as applicable)

(B) the diagnosis in his/her case is _____

(A) He/ She has _____%(in figure) _____ percent (in words) permanent physical
impairment/blindness in relation to his/her _____(part of body) as per guidelines (to be specified).

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

Nature of Document	Date of Issue	Details of authority issuing certificate

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

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

Form-III

**Disability Certificate
(In case of multiple disabilities)
(NAME AND ADDRESS OF THE MEDICAL AUTHORITY ISSUING THE
CERTIFICATE)
(See rule 4)**

Recent PP size
attested
photograph
(showing face
only) of the
person with
disability

Certificate No. _____

Date: _____

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

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

S. No.	Disability	Affected Part of Body	Diagnosis	Permanent physical impairment/mental disability (in %)
1	Locomotor disability	@		
2	Low vision	#		
3	Blindness	Both Eyes		
4	Hearing impairment	£		
5	Mental retardation	X		
6	Mental-illness	X		

(B) In the light of the above, his /her over all permanent physical impairment as per guidelines(to be specified), is as follows: -

In figures: - _____percent

In words: - _____percent

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

3. Reassessment of disability is:

(i) not necessary,

Or

(ii) is recommended/ after _____years_____months, and therefore this certificate shall be valid till (DD / MM / YY) _____

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

- e.g. Single eye/both eyes

£ - e.g. Left/Right/both ears

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

Nature of Document	Date of Issue	Details of authority issuing certificate

5. Signature and seal of the Medical Authority.

Name and seal of Member	Name and seal of Member	Name and seal of the Chairperson

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

Form-IV

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

**(NAME AND ADDRESS OF THE MEDICAL AUTHORITY ISSUING THE
CERTIFICATE)
(See rule 4)**

Recent PP size
attested
photograph
(showing face
only) of the
person with
disability

Certificate No. _____

Date: _____

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

S. No.	Disability	Affected Part of Body	Diagnosis	Permanent physical impairment/mental disability (in %)
1	Locomotor disability	@		
2	Low vision	#		
3	Blindness	Both Eyes		
4	Hearing impairment	£		
5	Mental retardation	X		
6	Mental-illness	X		

(Please strike out the disabilities which are not applicable.)

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

3. Reassessment of disability is :

(i) not necessary,

Or

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

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

- e.g. Single eye/both eyes

£ - e.g. Left/Right/both ears

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

Nature of Document	Date of Issue	Details of authority issuing certificate

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

Countersigned

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

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

Note: In case this certificate is issued by a medical authority who is not a government servant, it shall be valid only if countersigned by the Chief Medical Officer of the District."

Note: The principal rules were published in the Gazette of India vide notification number S.O. 908(E), dated the 31st December, 1996.

Form-V

Intimation of Rejection of Application for Disability Certificate (See rule 4)

No. _____

Dated:

To,

(Name and address of applicant for Disability Certificate)

Sub.: Rejection of Application for Disability Certificate

Sir / Madam,

Please refer to your application dated _____

for issue of a Disability Certificate for the following disability: _____

2. Pursuant to the above application, you have been examined by the undersigned/ Medical Board on _____, and I regret to inform that, for the reasons mentioned below, it is not possible to issue a disability certificate in your favour:

(i)

(ii)

(iii)

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

Yours faithfully,

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

IMPORTANT INFORMATION AT A GLANCE

1	a. Dates of JEE (Main) for Pen and Paper Based examination 02/04/2017 (Sunday)	PAPER – 1 (B.E./B.Tech.) PAPER – 2 (B.Arch./B. Planning)	0930-1230 hrs (IST) 1400-1700 hrs (IST)
	b. Date of JEE (Main) (Computer Based Examination)		08/04/2017 (Saturday) 09/04/2017 (Sunday)
	c. Online submission of application on website www.jeemain.nic.in		01/12/2016 – 02/01/2017
2	Last date for Online submission of applications		02/01/2017
3	Date of Availability of Admit Card for JEE (Main) on Website		2 nd week of March 2017 onwards
4	Centre of Examination	As indicated on the Admit Card	
5.	Display of Answer key and image of response (OMR) sheet	18 – 22 April 2017	
5	Declaration of JEE (Main) Paper-1 Score / All India Rank and top 220000 candidates eligible for appearing in JEE (Advanced)	27/04/2017	
6	Declaration of All India Rank JEE (Main) Paper – 2.	27/05/2017	
7	Availability of Score/Rank Cards on website	After declaration of All India Rank (AIR) of JEE (Main)-2017	
8	Materials to be brought on the day of examination	Admit Card and document as required under point no. 7. However, the candidates who have also opted for Paper-2 (B. Arch./B. Planning.) of JEE (Main), are advised to bring their own clipboard, geometry box set, pencils, erasers and colour pencils or crayons.	
9	Rough Work (Pen and Paper Based Examination) Rough Work (Computer Based Examination)	All rough work is to be done in the Test Booklet only. The candidate should NOT do any rough work or put stray mark on the Answer Sheet. Paper for Rough work will be provided at the examination centre	