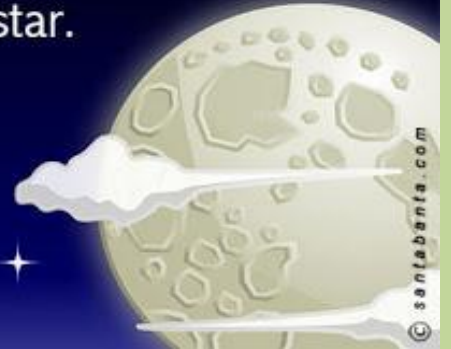


Aim for the moon. If you miss, you may hit a star.

William Clement Stone



CSS Competition Zone Pakistan



Syllabus of Compulsory Subjects

A project of CSS COMPETITION ZONE(CZ) PAKISTAN

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Revised Scheme of CSS Competitive Examination

Compulsory subjects : 600 marks

- ❖ English Essay (100 marks)
- ❖ English (Precis and Composition) (100 marks)
- ❖ Pakistan Affairs (100 marks)
- ❖ Islamic Studies (100 marks)
- ❖ Current Affairs (100 marks)
- ❖ General Science & Ability (100 marks)

PAPER: ENGLISH ESSAY (100 MARKS)

Candidates will be required to write one or more Essay in English. A wide choice of topics will be given.

Candidates are expected to reflect comprehensive and research based knowledge on a selected topic. Candidate's articulation, expression and technical treatment of the style of English Essay writing will be examined.

PAPER: ENGLISH (PRECIS & COMPOSITION) (100 MARKS)

The examination in this subject will be based upon a paper carrying 100 marks to Test the candidate's abilities to handle Precis Writing, Reading Comprehension, Sentence Structuring, Translation, Grammar and Vocabulary, etc.

I. Precis Writing (20 marks)

A carefully selected passage with an orientation of generic understanding and enough flexibility for compression shall be given for précisising and suggesting an appropriate title. Out of the total 20 marks allocated to this question, 15 shall go to précisising the text and 5 to suggesting the title.

II. Reading Comprehension (20 marks)

A carefully selected passage that is rich in substance but not very technical or disciplinespecific shall be given, followed by five questions, each carrying 4 marks.

III. Grammar and Vocabulary (20 marks)

Correct usage of Tense, Articles, Prepositions, Conjunctions, Punctuation, Phrasal Verbs, Synonyms and Antonyms etc.

IV. Sentence Correction (10 marks)

The sentences shall be given each having a clear structural flaw in terms of grammar or punctuation. The candidates shall be asked to rewrite them with really needed correction only, without making unnecessary alterations. No two or more sentences should have exactly the same problem, and 2-3 sentences shall be based on correction of punctuation marks.

V. Grouping of Words (10 marks)

A random list of twenty words of moderate standard (neither very easy nor utterly unfamiliar) shall be given, to be grouped by the candidates in pairs of those having similar or opposite meaning, as may be clearly directed in the question.

VI. Pairs of Words (10 marks)

Ten pairs shall be given of seemingly similar words with different meanings, generally confused in communication, for bringing out the difference in meaning of any five of them by first explaining them in parenthesis and then using them in sentences.

VII. Translation (10 marks)

Ten short Urdu sentences involving structural composition, significant terms and figurative/idiomatic expressions shall be given, to be accurately translated into English.

PAPER: PAKISTAN AFFAIRS (100 MARKS)

1. Ideology of Pakistan-----definition and elucidation, historical aspects: Muslim rule in the Sub-Continent, its downfall and efforts for Renaissance. Movements for reforms-- Shaikh Ahmad Sarhindi, Shah Waliullah, Sayyid Ahmad Shaheed, Aligarh, Deoband, Nadwah, and other educational institutions-----Sindh Madrassah and Islamia College Peshawae. Ideology of Pakistan in the light of Speeches and statements of Allama Iqbal and Quaid- i Azam Muhammad Ali Jinnah.
2. Land and people of Pakistan----- Geography, Society, Natural resources, Agriculture, Industry and education with reference to characteristics, trends and problems.
3. Pakistan and Changing Regional Apparatus
4. Nuclear Program of Pakistan, its Safety and Security; International Concerns
5. Regional Economic Cooperation (SAARC,ECO,SCO) and the Role of Pakistan
6. Civil-Military Relations in Pakistan
7. Economic Challenges in Pakistan
8. Non-Traditional Security Threats in Pakistan: Role of Non-State Actors
9. Pakistan's Role in the Region
10. Palestine Issue
11. Changing Security Dynamics for Pakistan: Challenges to National Security of Pakistan
12. Political Evolution Since 1971
13. Pakistan and US War on Terror
14. Foreign Policy of Pakistan Post 9/11
15. Evolution of Democratic System in Pakistan
16. Ethnic Issues and National Integration
17. Hydro Politics ; Water Issues in Domestic and Regional Context
18. Pakistan's National Interest
19. Challenges to Sovereignty
20. Pakistan's Energy Problems and their Effects
21. Pakistan's Relations with Neighbors excluding India
22. Pakistan and India Relations Since 1947

23. Kashmir Issue

24. The war in Afghanistan since 1979 and its impact on, and challenges to Pakistan, in the Post 2014 era.

25. Proxy Wars: Role of External Elements

26. Economic Conditions of Pakistan, the Most Recent Economic Survey, the Previous and Current Budgets, and the Problems and Performance of Major Sectors of Economy.

27. The Recent Constitutional and Legal Debates, the Latest Constitutional Amendments and Important Legislations, Legal Cases and the Role of Higher Courts.

28. The Prevailing Social Problems of Pakistan and the Strategies to Deal with Them, Poverty, Education, Health and Sanitation.

PAPER:

ISLAMIC STUDIES

(100 MARKS)

نصاب: مطالعہ اسلام / معارف اسلامی

1- تعارف اسلام

- تصور اسلام
- انسانی زندگی میں دین کی اہمیت
- دین اور مذہب میں فرق
- اسلام کے نمایاں پہلو
- اسلامی عقائد کے انفرادی و اجتماعی زندگی پر اثرات اور اساس دین / دین کی بنیادیں
- اسلامی عبادات کے روحانی، اخلاقی اور سماجی اثرات

2- سیرت طیبہ کا مطالعہ بہ عین نمونہ عمل

- انفرادی زندگی
- سفارت کار
- معلم انسانیت
- سپہ سالار اور جنگی منصوبہ ساز
- پیغمبر امن

3- انسانی حقوق اور اسلام میں خواتین کا مقام و مرتبہ

- انسانی حقوق اور اسلام میں خواتین کا مقام و مرتبہ
- وقار انسانی (مرد و خواتین کا انسانی وقار، عزت و احترام)

4- اسلامی تہذیب و ثقافت

- معانی اور اہم اجزاء
- سماج اور انسانی شخصیت کی تعمیر میں تہذیب کا کردار
- اسلامی تہذیب کے نمایاں اوصاف (توحید، تزکیہ نفس، انسانی عزت و وقار، مساوات، سماجی انصاف، اخلاقی اقدار، صبر و برداشت، قانون کی حکمرانی)

5- اسلام اور دنیا

- اسلامی تہذیب کے مغرب اور مغرب کے اسلامی تہذیب پر اثرات
- جدید دنیا میں اسلام کا مقام
- اسلام اور عصر حاضر کے چیلنجز
- انتہا پسندی کا فروغ

6- پبلک ایڈمنسٹریشن اور اسلامی طرز سکرائی

- پبلک ایڈمنسٹریشن کا اسلامی تصور
- اچھے طرز سکرائی کیلئے قرآنی تعلیمات
- قرآن و سنت اور نقد کی روشنی میں طرز سکرائی کا تصور اور عمل درآمد کا طریقہ کار
- اسلامی نظام سکرائی کا ڈھانچہ (شورلی، مقننہ، اسلامی قانون کے ماخذ)
- خلفاء راشدین کا طرز سکرائی
- حضرت عمرؓ اور حضرت علیؓ کے حکومتی عہدے داروں کے کام خطوط
- سرکاری ملازمین کی ذمہ داریاں
- اسلام میں احتساب کا نظام

7- اسلامی ضابطہ حیات

- اسلامی نظام کی نمایاں خصوصیات
- سماجی نظام، سیاسی نظام، اقتصادی نظام، عدالتی نظام، انتظامی نظام
- اجماع اور اجتہاد کے اصول و ضوابط

PAPER: ISLAMIC STUDIES (100 MARKS)

I. Introduction to Islam.

- Concept of Islam.
- Importance of Din in Human Life.
- Difference between Din and Religion.
- Distinctive Aspects of Islam.
- Islamic Beliefs & its Impact on Individual & Society and the Fundamental of Islam
- Islamic Worships: Spiritual, Moral and Social Impact.

II. Study of Sirah of the Prophet Muhammad (PBUH) as Role Model for:-

- Individual
- Diplomat
- Educator
- Military Strategist
- Peace Maker

III. Human Rights & Status of Woman in Islam.

- Human Rights and Status of Woman in Islam
- Dignity of Men and Women

IV. Islamic Civilization and Culture:

- Meanings and the Vital Elements
- Role of Civilization in Development of Human Personality and Community
- Characteristics of Islamic Civilization (Tawhid, Self-purification, Dignity of Man, Equality, Social Justice, Moral Values, Tolerance, Rule of Law)

V. Islam and the World.

- Impact of Islamic Civilization on the West and Vice Versa
- The Role of Islam in the Modern World.
- Muslim World and the Contemporary Challenges.
- Rise of Extremism.

VI. Public Administration and Governance in Islam

- Concept of Public Administration in Islam
- Quranic Guidance on Good Governance
- Concept of Governance and its Applications in the light of Qur'an, Sunnah and Fiqh.

- Governance Structure in Islam (Shura, Legislation, Sources of Islamic Law)
- Governance under Pious Khilafat
- Particular letters of Hazrat Umar (R.A) and Hazrat Ali (R.A) to different Authority.
- Responsibilities of Civil Servants
- System of Accountability(hisbah) in Islam

VII. Islamic Code of Life.

- Salient Features of Islamic System, Social System, Political System, Economic System, Judicial System, Administrative System,
- Procedure of Ijma and Ijtihad

PAPER: CURRENT AFFAIRS (100 MARKS)

Candidates will be expected to display such general knowledge of history, politics and International Affairs, as deemed necessary to interpret current affairs.

I. Pakistan's Domestic Affairs (20 marks)

- Political
- Economic
- Social

II. Pakistan's External Affairs (40 marks)

- Pakistan's relations with its Neighbors (India, China, Afghanistan, Russia)
- Pakistan's relations with the Muslim World (Iran, Saudi Arabia, Indonesia, Turkey)
- Pakistan's relations with the United States
- Pakistan's relations with Regional and International Organizations (UN, SAARC, ECO, OIC, WTO, GCC)

III. Global Issues (40 marks)

- International Security
- International Political Economy
- Human Rights
- Environment: Global Warming, Kyoto Protocol, Copenhagen Accord
- Population: world population trends, world population policies
- Terrorism and Counter Terrorism
- Global Energy Politics
- Nuclear Proliferation and Nuclear Security
- Nuclear Politics in South Asia
- International Trade (Doha Development Round and Bali Package)
- Cooperation and Competition in Arabian Sea, Indian and Pacific Oceans.
- Millennium Development Goals, Current Status
- Globalization
- Middle East Crisis
- Kashmir Issue
- Palestine Issue

PAPER: GENERAL SCIENCE & ABILITY (100 MARKS)

Part-I (General Science) 60 Marks

I. Physical Sciences

- Constituents and Structure:**-Universe, Galaxy, Light Year, Solar System, Sun, Earth, Astronomical System of Units.
- Process of Nature:** - Solar and Lunar Eclipses, Rotation and Revolution, Weather Variables (Global Temperature, Pressure, Circulation, Precipitation, Humidity) and Weather Variations.
- Natural Hazards and Disasters:** - Earth Quake, Volcanic Eruption, Tsunami, Floods, Avalanche, Travelling Cyclone (Tropical Cyclone, Middle Latitude Cyclone and Tornadoes), Drought, Wildfire, Urban Fire. Disaster Risk Management.
- Energy Resources:** - Sources of Energy (Renewable i.e. LED Energy, Solar Energy, Wind Energy and Non-Renewable Energy conservation and its sustainable use.
- Atomic Structure,** Chemical Bonding, Electromagnetic Radiations.
- Modern Materials/Chemicals:** - Ceramics, Plastics, Semiconductors. Antibiotics, Vaccines, Fertilizers, Pesticides.

II. Biological Sciences

- The Basis of Life:** - Cell Structures and Functions (Subcellular Organelles such as Nucleus, Mitochondria and Ribosomes).
- Biomolecules:** - Proteins, Lipids, Carbohydrates and Enzymes.
- Plant and Animal Kingdom:** - A brief survey of plant and animal kingdom to pinpoint similarities and diversities in nature.
- A Brief Account of Human Physiology.**
- Common Diseases and Epidemics:** - Polio, Diarrhea, Malaria, Hepatitis, Dengue their Causes and Prevention.
- New Model Concept of Producing BIO Fuel Method**

III. Environmental Science

- Environment:** - The Atmosphere (Layered Structure and Composition), Hydrosphere (Water Cycle, Major Water Compartments), Biosphere (Major Biomes) and

Lithosphere (Minerals and Rocks, Rock Types, Plate Tectonics).

Atmospheric Pollution: - Types, Sources, Causes and effects of major air pollutants (CO_x, Particulate Matter, NO_x, SO_x, Tropospheric Ozone, Volatile Organic Compounds, Dioxins). Regional and Global air pollution issues (Acid-rain, Ozone Depletion, Greenhouse Effect and Global Warming). International agreements on air pollution control (Montreal Protocol and Kyoto Protocol).

Water Pollution:- Types, sources, causes and effects of major water pollutants (Synthetic Organic Chemicals, Oxygen Demanding Wastes, Plant Nutrients, Thermal Pollution, Infectious Agents, Sediments, Radioactivity, Heavy Metals and Acids). Drinking water quality and standards.

Land Pollution: - Solid waste management and disposal.

Role of Remote Sensing and GIS in Environmental Science.

Population Planning.

IV. Food Science

Concept of Balance Diet: - Vitamins, Carbohydrates, Protein, Fats and oil, Minerals, Fiber.

Quality of Food:- Bioavailability of Nutrients, Appearance, Texture, Flavor, Quality of Packed and Frozen Food, Food Additives, Preservatives and Antioxidants

Food Deterioration and its Control: - Causes of Food Deterioration, Adulteration, Food Preservation.

V. Information Technology

Computer (Hardware & Software Fundamentals); I/O Processing and data storage, Networking & Internet Standards, Application and business Software, Social Media Websites. Information Systems. Fundamentals of artificial intelligence.

Telecommunications: - Basics of Wireless Communication (Mobile, Satellite, Surveillance and GPS and Fiber Optic etc.

Part-II (General Ability) 40 Marks

VI. Quantitative Ability/Reasoning

Basic Mathematical Skills.

Concepts and ability to reason quantitatively and solve problems in a quantitative setting.

- Basic Arithmetic, Algebra and Geometry (Average, Ratios, Rates, Percentage, Angles, Triangles, Sets, Remainders, Equations, Symbols, Rounding of Numbers)
- Random Sampling

VII. Logical Reasoning and Analytical Reasoning/Ability

- **Logical Reasoning** includes the process of using a rational, systematic series of steps based on sound mathematical procedures and given statements to arrive at a conclusion
- **Analytical Reasoning/Ability** includes visualizing, articulating and solving both complex and uncomplicated problems and concepts and making decisions that are sensible based on available information, including demonstration of the ability to apply logical thinking to gathering and analyzing information.

VIII. Mental Abilities

- Mental Abilities Scales that measures specific constructs such as verbal, mechanical, numerical and social ability.