

DPS - MIS, DOHA - QATAR
SUMMATIVE ASSESSMENT- I (2012-2013)

Class: X

ENGLISH-

MAIN COURSE BOOK : Unit 1 – Health and Medicine

Unit 2 – Education

Unit 3 - Science

LITERATURE READER; F1. Two Gentlemen of Verona

F2. Mrs. Packletide’s Tiger

F3. The Letter

P1. The Frog and the Nightingale

P2. Mirror

P3. Not Marble, Nor the Gilded Monuments

(Drama) The Dear Departed

GRAMMAR; Integrated Grammar Exercises

Gap filling, Sentence Completion, Dialogue Completion, Sentence Re-ordering, Editing, Omission, Sentence Transformation

WRITING SKILLS :

Message , Notice, Diary Entry

Biographical Sketch, Data Interpretation, Dialogue Writing, Description

Letter Writing (formal & informal), E-Mail

Article, Speech, Story or Report

MATHEMATICS-

S.NO	CHAPTER
1	Ch.1 Real Numbers
2	Ch.2 Polynomials
3	Ch.3 Pair of linear Equations in two Variables
4	Ch.6 Triangles
5	Ch.8 Introduction to Trigonometry
6	Ch.14 Statistics

SCIENCE-

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CLASS X: Marks : 90

Units:

I. Chemical Substances	33
II. World of living	21
III. Effects of Current	29
IV Natural Resources	07
Total	90

CHEMISTRY:

Unit : Chemical Substances - Nature and Behaviour

Chemical reactions : Chemical Equation, Balanced chemical equation, implications of a balanced chemical equation, types of chemical reactions : combination, decomposition, displacement, double displacement, precipitation, neutralization, oxidation and reduction.

Acids, bases and salts : Their definitions in terms of furnishing of H⁺ and OH⁻ ions, General properties, examples and uses, concept of pH scale(Definition relating to logarithm not required), importance of pH in everyday life; preparation and uses of sodium hydroxide, Bleaching powder, Baking soda, washing soda and Plaster of Paris.

Metals and non metals : Properties of metals and non-metals, reactivity series, formation and properties of ionic compounds, basic metallurgical processes, corrosion and its prevention

BIOLOGY:

Unit : World of Living

Life Processes : "living being". Basic concept of nutrition, respiration, transport and excretion in plants and animals.

Control and Co-ordination in Animals and Plants : Tropic movements in plants; Introduction to plant hormones; control and co-ordination in animals : nervous system; voluntary, involuntary and reflex action, chemical co-ordination: animal hormones.

PHYSICS:

Unit : Effects of Current

Electric current, potential difference and electric current. Ohm's law; Resistance, Resistivity, Factors on which the resistance of a conductor depends. Series combination of resistors, parallel combination of resistors and its applications in daily life. Heating effect of Electric current and its applications in daily life. Electric Power, Inter relation between P, V, I and R.

Magnetic effects of current : Magnetic field, field lines, field due to a current carrying conductor, field due to current carrying coil or solenoid; Force on current carrying conductor, Fleming's left hand rule. Electro magnetic induction. Induced potential difference, Induced current. Fleming's Right Hand Rule, Direct current. Alternating current : frequency of AC. Advantage of AC over DC. Domestic electric circuits.

Sources of energy : Different forms of energy, conventional and non-conventional sources of energy: fossil fuels, solar energy; biogas; wind, water and tidal energy; nuclear energy. Renewable versus non-renewable sources.

PRACTICALS:

1. To find the pH of the following samples by using pH paper/universal indicator.
 - a. Dilute Hydrochloric acid
 - b. Dilute NaOH solution
 - c. Dilute ethanoic acid solution

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- d. Lemon juice
- e. Water
- f. Dilute sodium bicarbonate solution.
2. To study the properties of acids and bases HCl & NaOH by their reaction with
 - a. Litmus solution (Blue/Red)
 - b. Zinc metal
 - c. Solid sodium carbonate
3. To perform and observe the following reactions and classify them into:
 - i. Combination reaction
 - ii. Decomposition reaction
 - iii. Displacement reaction
 - iv. Double displacement reaction
 - 1) Action of water on quick lime.
 - 2) Action of heat on ferrous sulphate crystals
 - 3) Iron nails kept in copper sulphate solution
 - 4) Reaction between sodium sulphate and barium chloride solutions.
4. a) To observe the action of Zn, Fe, Cu and Al metals on the following salt solutions.
 - a. $ZnSO_4(aq.)$
 - b. $FeSO_4(aq.)$
 - c. $CuSO_4(aq.)$
 - d. $Al_2(SO_4)_3(aq.)$b) Arrange Zn, Fe, Cu and Al metals in the decreasing order of reactivity based on the above result.
5. To study the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plot a graph between V and I.
6. To determine the equivalent resistance of two resistors when connected in series.
- 7 To determine the equivalent resistance of two resistors when connected in parallel.
- 8 To prepare a temporary mount of a leaf peel to show stomata.
- 9 To show experimentally that light is necessary for photosynthesis.
- 10 To show experimentally that carbon dioxide is given out during respiration.

SOCIAL SCIENCE-

UNIT 1 - HISTORY : India and the Contemporary World II

Section II – Livelihoods, Economics and Societies

1 The Age of Industrialization (Chapter 5)

Section III – Everyday Life, Culture and Politics

2 Novels, Society and History (Chapter 8)

UNIT 2 - GEOGRAPHY : India-Land and People: Resources and their Development

1 Resources and Development (Chapter 1)

2 Forest and Wildlife Resources (Chapter 2)

3 Water Resources (Chapter 3)

4 Agriculture (Chapter 4)

UNIT 3 - POLITICAL SCIENCE: DEMOCRATIC POLITICS II

1 Power sharing (Chapter 1)

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- 2 Federalism (Chapter 2)
- 3 Democracy and Diversity (Chapter3)
- 4 Gender, Religion and Caste (Chapter 4)

UNIT 4 - ECONOMICS : UNDERSTANDING ECONOMIC DEVELOPMENT - II

- 1 The story of Development (Chapter 1)
- 2 The role of Service Sector in Indian Economy (Chapter 2)

UNIT-WISE DIVISION OF QUESTIONS

Unit No.(Subject)		Marks
1.	India and the Contemporary World I (History)	23
2.	Contemporary India I (Geography)	23
3.	Democratic Politics I (Political Science)	22
4.	Economics I	22
	Total	90

SECOND LANGUAGES-

Subject: Hindi 2L
Time allowed: 3:00 Hrs.

Date: 02.10.12
Maximum Marks: 90

पाठ्य पुस्तक	स्पर्श - भाग 2, संचयन - भाग 2, व्याकरण।
गद्य भाग	बड़े भाई साहब, डायरी का एक पन्ना, ततौरा-वामीरो कथा, तीसरी कसम के शिल्पकार: शैलेंद्र
काव्य भाग	कबीर की साखियाँ, मीरा के पद, पर्वत प्रदेश में पावस, तोप।
संचयन	हरिहर काका
व्याकरण	शब्द और पद, पद बंध, पद परिचय, मिश्र व संयुक्त वाक्यों का रूपान्तरण, स्वर संधि, तत्पुरुष व कर्मधारय समास, मुहावरे व लोकोक्तियाँ, पत्र लेखन, अनुच्छेद लेखन, अपठित गद् यांश, अपठित पद् यांश।

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FRENCH- 2L

Section- A-Reading Comprehension

Lisez les textes suivants et répondez aux questions qui sui vent :

Section –B (Writing Skills)

Ecrivez une lettre d'environ 80 mots.

Ecrivez une recette/ Un message

Composez un dialogue d'environ 40 mots

Racontez une histoire en utilisant les éléments donnes

SECTION -C (GRAMMAR)

Complétez avec des prépositions

Mettez les verbes aux temps convenables

Répondez en utilisant les pronoms personnels.

Complétez avec les pronoms personnels

Répondez en utilisant les expressions négatives

Corrigez les fautes s'il y en a : / Complétez avec des pronoms relatifs
/Trouvez la phrase:

Trouvez la question/Complétez en utilisant des adjectifs ou pronoms démonstratifs

A l'aide des éléments donnes, rédigez le CV

Section -D (Culture & Civilisation- (1to 5)

Répondez aux questions suivantes

Reliez les colonnes A et B et récrivez.

TAMIL- 2L

செய்யுள்

1.வாழ்த்து;

2.திருக்குறள்;

3.ஏலாதி

4.சிலப்பதிகாரம்;

5.தமிழ் வளர்ச்சி

6.கம்பராமாயணம்

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- 7.நற்றிணை;
- 8.புறநானூறு;
- 9.பெரியபுராணம்

பாடம்

- 1.உயர்தனிச்செம்மொழி
2. பெரியாரின்
பெண்விடுதலைச்சிந்தனைகள்
- 3.அண்ணல் அம்பேத்கர்
- 4.பேச்சுக்கலை
- 5.திரைப்படக்கதை உருவான கதை

துணைப்பாடம்

- 1.பரிதிமாற்கலைஞர்
2. மெல்ல மெல்ல மற;
- 3.அன்றாட வாழ்வில் சட்டம்
- 4.அண்ணாவின் கடிதம்;
- 5.பாரதரத்னா எம்.ஜி.இராமச்சந்திரன்

இலக்கணம்

- 1.எழுத்து
- 2.சொல்
3. பொது;
- 4.வினாவகை,விடைவகை,
- 5.ஒருபொருட்பன்மொழி
6. உவம உருபுகள்

கட்டுரை

கடிதம்

அறிக்கை

MALAYALAM – 2L

1. மூலவஜ்ஜியும் மாண்கிசாவும்
2. സുര്യകാന്തി
3. ഭൂമിയുടെ അവകാശികൾ
4. ദശരഥവിലാപം

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5. അന്നവിചാരം

6. മൃതസഞ്ജീവനി

വ്യാകരണം

സമാസം , സന്ധി , അനന്വയം ,
വാക്യശുദ്ധി , അംഗവാക്യം -അംഗിവാക്യം ,
വിധി - നിഷേധം , പ്രയോഗം

രചന

അവധാരണം

കത്ത് -

ഉപന്യാസം - 1. ഒരു മാതൃകാവിദ്യാർത്ഥി

2. യുദ്ധം വരുത്തുന്ന നാശങ്ങൾ

3. മാതൃഭാഷ

4. ശാസ്ത്രപുരോഗതി

പാഠപുസ്തകം വായിക്കുക. നോട്ടുപുസ്തകത്തിൽ തന്നിരിക്കുന്നതും പഠിക്കുക.

The question Paper will be divided into four sections;

Section A: Reading Comprehension –10 marks

Section B: Writing – 20 marks

Section C: Grammar – 12 marks

Section D: Literature – 48 marks