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Annual Examinations-2023

INDEX

بورڈ آف انٹرمیڈیٹ ایجوکیشن، کراچی

سالانہ اور سالانہ دوم امتحانات ۲۰۲۳ء میں ممتحن اور طلبہ و طالبات کے لیے اہم ہدایات

اردو (لازمی) مادری زبان پرچہ (اوّل)

حصّہ (الف) کثیرالانتخابی سوالات   20%

سوال نمبر۱:۔   (۲۰ کثیرالانتخابی سوالات منتخب کرنے ہیں)   نمبر(۲۰)

(کثیرالانتخابی سوالات پورے نصاب (دس حصّہ نثر اور دس حصّہ شاعری سے بنائے جائیں گے۔)

حصّہ (ب) مختصر جواب کے سوالات   40%

سوال نمبر۲:۔ (دیے گئے پانچ اشعار میں سے صرف دو اشعار کی تشریح شاعر کے حوالے اور مختصر تعارف کے ساتھ تحریر کیجیے)   نمبر(۱۰)

(اشعار غزلیات میں سے دیے جائیں گے۔)

سوال نمبر۳:۔ (دیے گئے تین اقتباسات میں سے صرف ایک کی تشریح سبق اور مصنف کے حوالے اور مختصر تعارف کے ساتھ تحریر کیجیے)   نمبر(۱۰)

تشریح کے لیے اسباق

قومی اتفاق۔	زبان گویا۔	تخلیق کائنات۔	کچھ ذریعہ تعلیم کے باب میں
سندھی شاعری کے تراجم	تھر کی نادیہ کمانچی	ملکہ بلقیس کا محل	خطوط: غالب، اقبال اور مشفق خواجہ

سوال نمبر۴:۔ (دیے گئے ایک بند کی تشریح شاعر اور نظم کے حوالے کے ساتھ تحریر کیجیے)   نمبر(۱۰)

یا۔۔۔۔۔۔۔۔ دی گئی تین نظموں میں سے کسی ایک نظم کا مرکزی خیال شاعر کے مختصر تعارف کے ساتھ تحریر کیجیے۔

بند کی تشریح اور مرکزی خیال کے لیے نظمیں

رہے نام اللہ کا۔   داستان تیاری میں باغ کی۔   یارب چمن نظم کو گلزار ارم کر۔   چپ کی داد   مرد مسلمان   نوائے سروش

سوال نمبر۵:۔ درج ذیل میں سے کسی ایک سبق کا خلاصہ اور مصنف کا مختصر تعارف تحریر کیجیے   نمبر(۱۰)

خلاصے کے لیے اسباق

فاتحے میں روزہ	زیور کا ڈبا	بابا نور	آب حیات	میدان جنگ
بیگم کی بلی	خواہ مخواہ کی لڑائی	مجبوریاں	ایک انار و صد بیمار	

یا۔۔۔۔۔۔۔۔ دیے گئے آٹھ مختصر سوالات میں سے صرف پانچ کے مختصر جوابات تحریر کیجیے۔ (مختصر سوالات کتاب کی مشقوں سے دیے جائیں گے)

حصّہ (ج) تفصیلی جواب کے سوالات   40%

سوال۶:۔ دیے گئے تین شعراء میں سے کسی ایک کی شاعرانہ خصوصیات تحریر کیجیے۔ (حصّہ غزل سے دو اور حصّہ نظم سے ایک شاعر دیا جائے گا)   نمبر(۲۰)

مخصص شعراء

خواجہ میر درد   میر تقی میر   خواجہ حیدر علی آتش   مرزا غالب   حسرت موہانی   احسان دانش   نظیر اکبر آبادی   علامہ اقبال

سوال۷:۔ دیے گئے تین نثر نگاروں میں سے کسی ایک کی نثری خصوصیات تحریر کیجیے۔   نمبر(۲۰)

مخصص نثر نگار

سرسید احمد خان   خواجہ حسن نظامی   منشی پریم چند   احمد ندیم قاسمی   آغا حشر کاشمیری   امتیاز علی تاج   شوکت تھانوی   ابن انشاء

یا   دیے گئے دو موضوعات میں سے کسی ایک پر مضمون تحریر کیجیے۔ (مضمون دور حاضر کے موضوعات سے دیے جائیں گے۔)

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(نئی اسکیم ۲۰۲۳کے تحت مثالی پیپر)

(اردو آسان : پرچہ اوّل)

حصّہ الف (کثیرالانتخابی سوالات۔۔MCQs) ۲۰ نمبر

سوال۱: اس حصّے میں ۲۰(بیس) جزوی سوالات ہیں۔ ہر سوال کا ایک نمبر ہے۔ ۲۰ نمبر

حصہ ب (مختصر جواب کے سوالات) (۳۰ نمبر)

اس حصّے میں سے تمام سوالات کے جوابات درکار ہیں۔ یہ حصّہ ۳۰ (چالیس) نمبر کا ہے۔

سوال۲: اقتباس کی تشریح سبق اور مصنف کے نام کے ساتھ کی جائے ۔ ۱۰

سابقہ امتحانی پیپر کی طرح ہی ہوگا۔ نصاب میں سے تین اقتباس دیے جائیں گے۔ اُن میں سے ایک اقتباس کی تشریح ٦ (چھے) نمبر ، سبق کا نام ۲ نمبر، مصنف کا نام ۲ نمبر۔

سوال۳: نظم کے جزو کی تشریح ، نظم اور شاعر کا نام بھی تحریر کیجیٔے ۱۰

تین جزو دیے جائیں۔ تشریح ٦ نمبر، نظم کا نام ۲ نمبر، شاعر کا نام ۲ نمبر۔

سوال نمبر ۳: (الف) آٹھ محاورات دیے جائیں ۔ ان میں سے پانچ کو جملوں میں استعمال کریں ۱۰

(ب) پانچ الفاظ کی واحد جمع بنائیں۔ کل دس الفاظ دیے جائیں جو واحد یا جمع ہوں۔ ۵

(ج)پانچ الفاظ کے متجاد لکھیے۔ آٹھ (۸) الفاظ دیے جائیں ۵

حصّہ ج تفصیلی جواب کے سوالات (۳۰نمبر)

سوال۵: (الف) کسی ایک نظم کا خلاصہ تحریر کیجیے۔ (تین نظمیں دی جائیں) ٦

(ب) نظم کے شاعر کا نام اور ،مختصر تعارف تحریر کیجیے۔ ۳

سوال٦: کسی ایک سبق کا خلاصہ تحریر کیجیے۔ (تین اسباق کے نام دیے جائیں) ۱۰

سوال۷: چار(۳) موضوعات میں سے کسی ایک پر مضمون تحریر کیجیے۔ ۱۰

سوال۸: کسی ادارے کے سربراہ ٫ والدکو خط لکھیے۔ جس میں ان سےکسی ۱۰
بات ٫ مسئلےکی درخواست کی گئی ہو۔

یا

کسی اخبار کے ایڈیٹر کے نام مراسلہ تحریر کیجیے ۔ جس میں کسی ۱۰
سماجی مسئلے کی طرف توجہ دلائی گئی ہو۔

ختم شد

بورڈ آف انٹر میڈیٹ ایجوکیشن کراچی

(نئی اسکیم ۲۰۲۳کے تحت مثالی پیپر)

(اردو(غیر مادری زبان)(پرچہ اوّل)

(یہ پرچہ غیر ملکی یا بیرون وطن تعلیم پانے والے ان امیدواروں کے لیے ہے جنھیں خاص طور پر اس کی اجازت
دی گئی ہو۔)

حصّہ الف (کثیرالانتخابی سوالات۔۔MCQs) ۲۰ نمبر

سوال۱: اس حصّے میں ۲۰(بیس) جزوی سوالات ہیں۔ ہر سوال کا ایک نمبر ہے۔ ۲۰ نمبر

حصہ ب مختصر جوابات کے سوالات(۳۰ نمبر)

اس حصّے میں سے تمام سوالات کے جوابات درکار ہیں۔ یہ حصّہ ۳۰ (چالیس) نمبر کا ہے۔

سوال۲: اقتباس کی تشریح سبق کے عنوان کے ساتھ کی جائے ۔ ۱۰

سابقہ امتحانی پیپر کی طرح ہی ہوگا۔ نصاب میں سے تین اقتباس دیے جائیں گے۔ اُن میں سے ایک اقتباس
کی تشریح۸نمبر ، سبق کا عنوان ۲ نمبر،

سوال ۳: نظم کے جزو کی تشریح ، نظم اور شاعر کا نام بھی تحریر کیجیے
۱۰

دوجزو(۲)دیے جائیں۔ تشریح ٦ نمبر، نظم کا نام ۲ نمبر، شاعر کا نام ۲ نمبر

سوال نمبر ۳: ۲۰

الف) کسی پانچ الفاظ کے متضاد لکھیے: ۹ (نو)الفاظ دیے جائیں۔

(ب) کسی پانچ کے مذکر یا مونث لکھیے: ۹ (نو)الفاظ دیے جائیں۔

(ج) کسی پانچ کے واحد جمع لکھیے: ۹ (نو) الفاظ دیے جائیں۔

(الف) آٹھ محاورات دیے جائیں ۔ ان میں سے پانچ کو جملوں میں استعمال کریں ۱۰

(ب) پانچ الفاظ کی واحد جمع بنائیں۔ کل دس الفاظ دیے جائیں جو واحد یا جمع ہوں۔ ۵

حصّہ ج تفصیلی جواب کے سوالات(۳۰نمبر)

سوال۵: (الف) کسی ایک نظم کا خلاصہ تحریر کیجیے۔ (تین نظمیں دی جائیں) ٦

(ب) نظم کے شاعر کا نام اور ،مختصر تعارف تحریر کیجیے۔ ۳

سوال٦: کسی ایک سبق کا خلاصہ تحریر کیجیے۔ (تین اسباق کے نام دیے جائیں) ۱۰

سوال۷: چار(۳) موضوعات میں سے کسی ایک پر مضمون تحریر کیجیے۔ ۱۰

یا

کسی اخبار کے ایڈیٹر کے نام مراسلہ تحریر کیجیے ۔ جس میں کسی سماجی مسئلے کی طرف
توجہ دلائی گئی ہو۔ ۱۰

ختم شد

سالانہ اور سالانہ دوم امتحانات ۲۰۲۳ء میں ممتحن اور طلبہ و طالبات کے لیے اہم ہدایات

اردو (لازمی) مادری زبان پرچہ (دوم)

حصّہ (الف) کثیر الانتخابی سوالات   20%

سوال نمبر ا:۔   (۲۰ کثیر الانتخابی سوالات منتخب کرنے ہیں)   نمبر(۲۰)

(کثیر الانتخابی سوالات پورے نصاب (دس حصّہ نثر اور دس حصّہ شاعری سے بنائے جائیں گے۔)

حصّہ (ب) مختصر جواب کے سوالات   40%

سوال نمبر۲:۔ (دیے گئے پانچ اشعار میں سے صرف دو اشعار کی تشریح شاعر کے حوالے اور مختصر تعارف کے ساتھ تحریر کیجیے) نمبر(۱۰)

(اشعار غزلیات میں سے دیے جائیں گے۔)

سوال نمبر۳:۔ (دیے گئے تین اقتباسات میں سے صرف ایک کی تشریح سبق اور مصنف کے حوالے اور مختصر تعارف کے ساتھ تحریر کیجیے) نمبر(۱۰)

(اقتباسات حصہ سوانح شخصیت اور مضامین میں سے دیے جائیں گے۔)

سوال نمبر۴:۔ (دیے گئے ایک بند کی تشریح شاعر اور نظم کے حوالے کے ساتھ تحریر کیجیے) نمبر(۱۰)

یا

دی گئی تین نظموں میں کسی ایک نظم کا مرکزی خیال شاعر کے مختصر تعارف کے ساتھ تحریر کیجیے۔

(بند اور مرکزی خیال حصہ نظم میں سے دیے جائیں گے۔)

سوال نمبر۵:۔ (دیے گئے تین، افسانے اور ڈرامے میں سے صرف ایک افسانے یا ڈرامے کا خلاصہ لکھنے والے کے مختصر تعارف کے ساتھ تحریر کیجیے) نمبر(۱۰)

(خلاصے افسانے اور ڈرامے میں سے دیے جائیں گے۔)

یا

دیے گئے آٹھ مختصر سوالات میں سے صرف پانچ کے مختصر جوابات تحریر کیجیے۔

(مختصر سوالات کتاب کی مشقوں سے دیے جائیں گے۔)

حصّہ (ج) تفصیلی جواب کے سوالات   40%

سوال ۶:۔ دیے گئے تین شعراء میں سے کسی ایک کی شاعرانہ خصوصیات تحریر کیجیے۔ (حصّہ غزل سے دو اور حصّہ نظم سے ایک شاعر دیا جائے گا) نمبر(۲۰)

سوال ۷:۔ دیے گئے تین نثر نگاروں میں سے کسی ایک کی نثری خصوصیات تحریر کیجیے۔ نمبر(۲۰)

یا   دیے گئے دو موضوعات میں سے کسی ایک پر مضمون تحریر کیجیے۔ (مضمون دورِ حاضر کے موضوعات سے دیے جائیں گے۔)

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بورڈ آف انٹر میڈیٹ ایجوکیشن کراچی

(نئی اسکیم ۲۰۲۳کے تحت مثالی پیپر)

(اردو آسان : پرچہ دوم)

حصّہ الف (کثیرالانتخابی سوالات۔۔MCQs) ۲۰ نمبر

سوال۱: اس حصّے میں ۲۰ (بیس) جزوی سوالات ہیں۔ ہر سوال کا ایک نمبر ہے۔ ۲۰ نمبر

حصّہ ب (مختصر جواب کے سوالات) (۳۰ نمبر)

اس حصّے میں سے تمام سوالات کے جوابات درکار ہیں۔ یہ حصّہ ۳۰ (چالیس) نمبر کا ہے۔

سوال۲: سابقہ امتحانی پیپر کی طرح ہی ہوگا۔ نصاب میں سے ایک عبارت دی جائے گی۔عبارت میں موجود مواد میں سے پانچ پانچ نمبر کے چار اور دس نمبر کا ایک سوال دیاجائے گا۔دس نمبر کا سوال عبارت کے خلاصے پر مبنی ہوگا۔ ۳۰نمبر

سوال۳: دوست، والد، بھائی وغیرہ کو کسی ایک موضوع پر خط تحریر کیجیے۔ ۱۰ نمبر

یا

کسی مسئلے پر اخبار کے مدیر کو ایک مراسلہ تحریر کیجیے۔

حصّہ ج (تفصیلی جواب کے سوالات) (۳۰نمبر)

سوال۴: تین عنوانات میں سے کسی ایک پر کہانی لکھیے۔ ۱۰

یا

کسی موضوع پر بھائیوں ، دوستوں یا طالب علموں کے درمیان مکالمہ تحریر کیجیے۔

سوال ۵: چار(۳) موضوعات میں سے کسی ایک پر مضمون تحریر کیجیے۔ ۲۰

سوال نمبر ۶: انگریزی عبارت کا اردو میں ترجمہ کیجیے۔ ۱۰

ختم شد

(نئی اسکیم ۲۰۲۳ کے تحت مثالی پیپر)

(اردو(غیر مادری زبان)(پرچہ دوم)

(یہ پرچہ غیر ملکی یا بیرون وطن تعلیم پانے والے ان امیدواروں کے لیے ہے جنھیں خاص طور پر اس کی اجازت دی گئی ہو۔)

حصّہ الف (کثیرالانتخابی سوالات..MCQs) ۲۰ نمبر

سوال۱: اس حصّے میں ۲۰ (بیس) جزوی سوالات ہیں۔ ہر سوال کا ایک نمبر ہے۔ ۲۰ نمبر

حصہ ب مختصر جوابات کے سوالات(۳۰ نمبر)

اس حصّے میں سے تمام سوالات کے جوابات درکار ہیں۔ یہ حصّہ ۳۰ (چالیس) نمبر کا ہے۔

سوال۲: نثر پارے کی تشریح سبق کے عنوان کے ساتھ کی جائے ۔ ۱۰

سابقہ امتحانی پیپر کی طرح ہی ہوگا۔ نصاب میں سے تین اقتباس دیے جائیں گے۔ اُن میں سے ایک اقتباس کی تشریح۸نمبر ، سبق کا عنوان ۲ نمبر،

سوال۳: نظم کے جزو کی تشریح ، نظم اور شاعر کا نام بھی تحریر کیجیے ۱۰

دوجزو(۲)دیے جائیں۔ تشریح ۶ نمبر، نظم کا نام ۲ نمبر، شاعر کا نام ۲ نمبر

سوال نمبر ۴: (الف) محاورات میں سے پانچ کے جملے بنائیں ۔ ۹ (نو) محاورات دیے جائیں ۵

(ب) کسی پانچ کے واحد جمع لکھیے: ۹ (نو) الفاظ دیے جائیں۔ ۵

(ج) کسی پانچ الفاظ کے متضاد لکھیے: ۹ (نو)الفاظ دیے جائیں۔ ۵

(ب) کسی پانچ کے مذکر یا مونث لکھیے: ۹

(نو)الفاظ دیے جائیں۔ ۵

حصّہ ج تفصیلی جواب کے سوالات(۳۰نمبر)

سوال۵: (الف) کسی ایک نظم کا خلاصہ تحریر کیجیے۔ (تین نظمیں دی جائیں) ۶

(ب) نظم کے شاعر کا نام اور ،مختصر تعارف تحریر کیجیے۔ ۴

سوال۶: کسی ایک سبق کا خلاصہ تحریر کیجیے۔ (چاراسباق کے نام دیے جائیں) ۱۰

سوال۷: کسی ایک پر مضمون تحریر کیجیے۔(چار موضوعات دیں) ۱۰

سوال۸: کسی ادارے کے سربراہ کو خط لکھیے۔ جس میں کسی مسئلے کی نشان دہی کرکے حل کرنے کی درخواست کی گئی ہو۔ ۱۰ یا

کسی اخبار کے ایڈیٹر کے نام مراسلہ تحریر کیجیے ۔ جس میں کسی سماجی یا عوامی مسئلے کی طرف توجہ دلائی گئی ہو۔

یا

انگریزی عبارت کا ترجمہ کیجیے۔

ختم شد

BOARD OF INTERMEDIATE EDUCATION, KARACHI

ENGLISH (C) NORMAL PAPER-I (MODEL PAPER)
Annual Examination - 2023

Max. Marks: 20   **SECTION 'A' MCQs**   **Time: 20 Minutes**

1. Choose the correct answer for each from the given options:

i) This is a strong retreat for a truly happy man according to the poem 'The Character of a Happy Life':
   *home   ***conscience**   *wealth   *friends

ii) 'For thirty pence our Saviour was sold,' is a line from this poem:
   *Ozymandias   *The Character of a Happy Life   *Lucy Gray   ***The Abbot of Canterbury**

iii) In the line 'When he might have captured **the victor's cup,'** the highlighted phrase is metaphorically used for:
   *prize *failure   ***success**   *trophy

iv) 'Boundless and bare' is an example of this poetic device:
   *oxymoron *onomatopoeia *metaphor ***alliteration**

v) Khahoris follow the spiritual path and symbolise the search of:
   *serpents *dreams *herbs ***reality**

vi)   The central character in the play 'A Visit to a Small Planet' is:
   *John Randolph *Roger Spelding * **Kreton***Ellen

vii)   Kreton thought that the views of John about Ellen are:
   *red ***purple** *yellow *pink

viii)   Kreton considered human civilization as:
   *modern***primitive***conservative*progressive

ix) The word "folk" means:
   *children*men*women***people**

x) Roger Spelding wants to be the first journalist to interview:
   *General Powers ***Kreton** *Ellen*John

xi)   E.B. White revisited the lake with his son in:
   *summer * winter * autumn *spring

xii)   Mathilde seemed happiest when she:
   *received the invitation*danced in the party*bought a new dress***borrowed the necklace**

xiii)   According to the author Ralph Waldo envy is:
   * bliss *evil *suicide ***ignorance**

xiv) During World War II, transmission of information was in the form of:
   * material * electric * **analogue** * catalogue

xv) A group of people travelling together is called as:
   *sages   *crew ***caravan**   *shrewd men

xvi) The cleaning staff __infected the area to avoid the spread of coronavirus (identify the correct prefix):
   re **dis** *un *mis

xvii) In the sentence 'There is a large demand all over the United States for plants **indigenous** to the desert,' the word 'indigenous' means:
   *native *necessary*foreign*alien

xviii)   In the sentence 'He **runs** fast,' the underlined verb is:
   *transitive ***intransitive** *auxiliary *modal

xix) In the sentence 'I **run** a business successfully,' the underlined verb is:
   *transitive *intransitive *auxiliary *modal

xx) The comparative degree of the word **little** is:
   *littler*more little ***less***more less

BOARD OF INTERMEDIATE EDUCATION, KARACHI

ENGLISH (C) NORMAL PAPER-I (MODEL PAPER)
Annual Examination - 2023

TIME: 2 Hours 40 minutes   Max. Marks: 40

SECTION B (SHORT-ANSWER QUESTIONS)

Note: Attempt **TEN** part-questions from this section, including at least **TWO** part-questions from each sub-section. All questions carry equal marks.

SUB-SECTION I (Reading Comprehension)

2. i)   Which is the greatest curse according to the Quaid-e-Azam? Explain.
   ii)   What are the benefits of E-Commerce in today's world?
   iii)   What mistake did Stephen Leacock make when he wrote the cheque?
   iv)   Why should you choose a career that interests you?

SUB-SECTION II (POETRY)

   v)   Discuss the poem 'The Character of a Happy Life' with reference to the line; "And having nothing yet hath all."
   vi)   What irony has been presented in the poem Ozymandias?
   vii)   What reward does a Khahori get after his hard work?
   viii) Identify the poem and the poetic devices used in the following lines:
   Where thickest lies the forest growth
   We find the patriarchs of both.
   And they hold counsel with the stars
   whose broken branches show the scars
   of many winds and much of strife.
   This is the common law of life.

SUB-SECTION III (Play- "A Visit to a Small Planet")

   ix)   Why was Kreton interested in visiting the planet "Earth"?
   x)   Describe the reactions of different characters to Kreton's visit?
   xi)   How is media portrayed in the play?
   xii)   Which character in the play "A Visit to a Small Planet" do you like most and why?

SUB-SECTION IV (Grammar)

xiii) **Change the narration.**
   a)   The manager said to the customer, "Get out of my office."
   b)   He said, "The earth is round."
   c)   Raza said, "I must arrange a couple of things."
   d)   She said, "Be quite and listen to my words."
   e)   She said to me, "What are you doing now?"

xiv) **Change the voice:**
   a)   He has to purchase a car.
   b)   Let her write a poem.
   c)   Why did you help her?
   d)   Who did this?
   e)   Someone killed the criminal.

xv) **Spot the errors and do the correction of verb, preposition and adjective in the following sentences:**
   a) He does his homework at the afternoon.
   b) The lamp will be lit on 8.00 pm.
   c) She clean her room every day.
   d) They have make a cake on their birthday.
   e) My bed is more big than my desk.

xvi) **Do as directed:**
   a)   Do you play tennis said Bilal (Punctuate)
   b) If I were you, ………. 		(Complete the sentence)
   c)   My brother does not write letters to his friends. (Put the adverb '**usually**' in the right place)
   d)   He could not win a scholarship. He is careless. (Make a compound sentence)
   e)   You _____ visit your dentist at least twice a year. (Insert modal verb showing advice)

SECTION 'C' (DETAILED-ANSWER QUESTIONS) (Max. Marks: 40)

Note: Attempt all questions from this section.
Q3. Read the following passage and answer the questions that follow: **OR**
   Make a précis of the passage and suggest a suitable title to it.

   Harland Sanders was born in the USA in 1890s but his childhood wasn't a happy one. His father died when he was only six. So, his mother needed to find a job. She went to work in a shirt factory and Harland stayed at home to look after his younger brother and sister. That was when he first learned to cook. He left home when he was twelve

and worked on a nearby farm. After that he had a lot of different jobs and in 1950 he became a service station manager in Corbin Kentucky. He started cooking meals for hungry travellers who stopped at the service station and soon people came only for the food. Harland moved to 142 seat restaurant across the street. Where he could serve all his customers. Over the next nine years he developed the secret chicken recipe that made him famous. In the early 1950s he closed the restaurant and decided to sell his recipe to other business. The first official Kentucky fried chicken restaurant didn't open until August 1952---- by 1964 there were more than 600 KFCs in North America. That year Sanders sold the company for $ 2 million, but he continued to work as KFC's public spokesman and visited restaurants all over the world. He travelled every year until he died in 1980 aged 90. There are now KFC restaurants in more than 80 countries and they sell 2.5 billion chicken dinners every year and the recipe is still a secret.

a. How long did it take Sanders to develop his secret chicken recipe?
b. What did Sanders do after he had sold his company?
c. Give a suitable title to the passage.
d. Identify regular and irregular verbs
    i)   left ii)   went   iii) needed   iv) stayed
Q4. Write a formal email to your college Principal asking / requesting him to allow your team to participate in Sindh Inter- College Cricket Tournament.
OR
Write a Report about student week held in the college (Including events, days and dates).
Q5. Write a narrative account of an incident that influenced you greatly.
  OR Write an essay to compare and contrast on any one of the following:
    i)   Physical Classes v/s Online Classes
    ii)   Football v/s Cricket
Q6. Draft a covering letter with a CV in response to the following advertisement:
A well- reputed Business organization needs the services of a computer- literate graduate with a dynamic personality to work as a MANAGER Send a detailed C.V./Resume to BOX N0 7866 C/O Dawn Karachi.

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BOARD OF INTERMEDIATE EDUCATION, KARACHI
Model Paper for Annual Exam – 2023 English (C) Paper-II
Section-'A'
(MULTIPLE CHOICE QUESTIONS-M.C. Qs)   **Max. Marks: 20**

Q.1. Choose the correct answer for each from the given options:

i)   The word 'Occidental' is used for:
   *eastern *western *southern *northern

ii) Vasco da Gama and Columbus were explorers from this continent:
   *Africa * Asia*Europe*Antarctica

iii) "Columbus" was an explorer from:
   *England *France *America *Italy

iv) In "Twenty Minutes with Mrs. Oakentubb" this girl's face reminded HE of his little
   daughter:
   * British* American* Nigerian *Korean

v) Joseph Conrad was contemporary of:
   * Oliver Goldsmith*James Thurber*Frank Arthur*John Galsworthy

vi) The synonym of revenge used by Frank Arthur in the melodrama "Twenty Minutes with Mrs.
   Oakentubb" is:
   *retribution * punishment*vengeance*retaliation

vii) The year 1818 was considered to be the most tragic year in this poet's life:
   Shelley Gray *Campion*John Keats

viii) "The Prisoner of Zenda" was published in the:
   *First half of 19th century * Second half of 19th century
   * First half of 20th century * Second half of 20th century

ix) P.B. Shelley belonged to the:
   First Generation of Romantic Poets Second Generation of Romantic Poets
   * Third Generation of Romantic Poets*Fourth Generation of Romantic Poets

x) Each stanza in the poem 'The Man of Life Upright' contains this number of lines:
   *two *four lines *six lines *eight lines

xi) A warm praise was given to the novel "The Prisoner of Zenda" by this famous author:
   *Charles Dickens*Sir Walter Scott*Robert Louis Stevenson*Thomas Hardy

xii) This person sent a letter to warn Princess Flavia not to accept Michael's invitation:
   *Fritz*Sapt*Rassendyll *Mauban

xiii) Colonel Sapt was a man of strong nerves, at the shooting lodge he looks as fresh as:
   *sunflower*daisy*daffodil*rose

xiv) Milton's superb literary piece "Samson Agonistes" is written in the form of a poetic:
   *essay*play*novel*speech

xv) An upright man gets his wisdom from:
   *scholars *teachers *holy books*heavenly things

xvi) Alexander Pope considers this thing to be a prison:
   *home *nature *world *house

xvii) "Say Not the Struggle Naught Availeth" was often quoted   during this war:
   *Civil War*World War I* World War II *War of Independence

xviii) The drawbridge was connecting:
   *Zenda with border *Zenda with Chateau *Strelsau with Zenda *new and old parts of castle.

xix) 'The Prisoner of Zenda' is Anthony Hope's this number of novel:
   *Third *Fourth*Fifth *Sixth

xx) According to Einstein this is the fundamental emotion which forms the base of true art and
   true science:
   *joy *desire *interest *curiosity

SECTION "B" (SHORT-ANSWER QUESTIONS)   (Marks 40)
Note: Attempt any 10 part questions from this section, selecting at least two part questions from each sub-section. All questions carry equal marks.

SUB-SECTION I (Intermediate English Book –II)
Q2. i)   Who was Robert Snow? Why did James Jones strike a blow to him in the play 'Act Three of the Silver Box'?

ii) How long did the panic last and how was order restored in the lesson "The Day the Dam Broke"?

iii) Which elements are necessary to keep human life tolerable in a machine age according to Bertrand Russell?

iv) How can Asia be made stable in the opinion of Liaquat Ali Khan?

SUB-SECTION II (Selections from English Verse: PART II)

v) Who were killed when Samson shook the huge pillars of the temple?
vi) Why does Shelley think that music vibrates in the memory even after soft voices die?
vii) Throw light on the message of the poem "Say Not the Struggle Naught Availeth"?
viii) What are Pope's views about death in the poem "An Essay on Man"?

SUB-SECTION III (THE PRISONER OF ZENDA)

ix) What happened to lady Mauban after the death of Duke Michael?
x) Write a few lines about Rudolf Elphberg V **OR** Johann.
xi) Who was responsible for Duke Michael's death and how?
xii) What does Fritz mean by saying "Heaven doesn't always make the right men kings!"?

SUB- SECTION IV (Grammar)

xiii) Use any **two** of the following phrasal verbs in sentences:
     break down, look into, carry out, take off, keep up with, pick up.
xiv) Use any **two (four sentences)** of the following pair of words in your sentences:
     bury: berry; princes: princess; express: impress; flower: flour; sweat: sweet; heroin: heroine
xv) Match any **Four** of the following words or phrases of column 'A' with the meaning in column 'B':

Column 'A'	Column 'B'
peg out	sword
insularity	survey
sabre	bunch of flower
reconnaissance	die
nosegay	narrow-mindedness

SECTION "C"   (LONG-ANSWER QUESTIONS)   (Marks 40)

Note: Attempt all questions from this section. All questions carry equal marks.

Q3. Write character-sketch of Princess Flavia
OR give critical appreciation of the poem "The Solitary Reaper."

Q.4 Write an essay on any **One** of the following topics:
 (i) Safety Measures against Heat wave in Summer (ii) Sports are Essential Part of Healthy Life
 (iii) A New Wave of Terrorism (iv) Technology- pros and cons

Q5. Change the narration.
   (i)   "How long will you take to solve this question, Rose?" Jane said.
   (ii)   He said to me, "Do women tend to live longer than men in the world?"
   (iii) The notice in the shopping mall says, "Beware of pickpockets."
   (iv) The spectators said, "How fantastic the skipper plays!"
    (v) Grandfather said, "Hope sustains the world."

Q6.   Read the following passage and answer the questions given below:

   "You are certainly very thoughtful about others," answered the wife, as she sat in her comfortable armchair by the big pinewood fire; "very thoughtful indeed. It is quite a treat to hear you talk about friendship. I am sure the clergyman himself could not say such beautiful things as you do, though he does live in a three-storeyed house, and wear a gold ring on his little finger."

(i)	Identify the title of the text and the writer.	(2)
(ii)	State the qualities of the person addressed?	(2)
(iii)	Give meaning of the following words:	(3)
	(a) thoughtful (b) indeed (c) treat	
(iv)	Identify the word classes of the following words:	(3)
	(a) certainly (b) pinewood (c) three-storeyed	

●●

بورڈ آف انٹرمیڈیٹ ایجوکیشن، کراچی

سالانہ امتحانات ۲۰۲۳ء میں ممتحن اور طلبہ و طالبات کے لیے اہم ہدایات

اسلامی تعلیم (لازمی)

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حصّہ (الف) کثیرالانتخابی سوالات   20%

سوال نمبر ۱:۔   (۱۰ کثیرالانتخابی سوالات منتخب کرنے ہیں)   نمبر(۱۰)

(کثیرالانتخابی سوالات پورے نصاب سے بنائے جائیں گے۔)

حصّہ (ب) مختصر جواب کے سوالات   40%

نوٹ: تمام سوالات لازمی ہے۔

سوال نمبر ۲: دی گئی چھ قرآنی آیات و احادیث میں سے کسی چار کا اردو، سندھی یا انگریزی میں ترجمہ کیجیے۔   نمبر(۸)

آیات و احادیث کتاب میں دی گئی منتخب آیات و احادیث سے دی جائیں گی۔

سوال نمبر ۳:   دیے گئے آٹھ میں سے چار جزوی سوالات کے جوابات تحریر کیجیے، تمام سوالات کے نشانات مساوی ہیں۔   نمبر(۱۲)

(سوالات کے انتخاب میں مکمل نصاب کو مدِ نظر رکھنا لازمی ہے)

حصّہ (ج) تفصیلی جواب کے سوالات   40%

نوٹ: اس حصّے میں ۴ تفصیلی سوالات دیئے جائیں گے جس میں سے ۲ سوالات کے جوابات مطلوب ہوں گے اور ہر سوال کے ۱۰ نمبر ہوں گے۔   نمبر(۲۰)

(سوالات کے انتخاب میں مکمل نصاب کو مدِ نظر رکھنا لازمی ہے)

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BOARD OF INTERMEDIATE EDUCATION, KARACHI
Scheme & the Structure for Paper Setting work for
Annual & Bi Annual Examinations 2023
Pakistan Studies (Compulsory)
For (All Groups)

Duration: 2 hours   **Marks: 50**

Section 'A':

Multiple Choice Questions (20%)   10 marks

Multiple Choice Question must be covered complete Syllabus of Pakistan Studies (Compulsory)

* Each MCQs carry 1 mark
* Given MCQs will be = 10 MCQs
* All MCQs to be answered

Section 'B':

Short Answer Questions (40%)   20 marks

Short Answer Question must be given from the prescribed Syllabus all content are to be followed.

Eight **(08)** Short Answer Questions given Each Question having **(4 Marks).** In this Section Student shall attempt (**5 Questions)** from the given **(10 Short Answer Questions)**.

Section 'C':

Detailed Answer Questions (40%)   20 Marks

Detailed Answer Questions must be given from prescribed Syllabus all content are to be followed.

Four **(04)** Detailed Answer Questions have been given and **(02 Questions)** are to be answered and each Question having **(10 Marks).**

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Board of Intermediate Education, Karachi

INTERMEDIATE EXAMINATION – 2023 (ANNUAL)
MATHEMATICS PAPER – 1 (MODEL QUESTION PAPER)

Time: 20 minutes   **SECTION – A**   **Maximum Marks: 20**

Multiple Choice Questions

Note: (i).   This section consists of 20 part questions and all are to be answered. Each question carries one marks.
      (ii).   Do not copy the part questions in your answer-book. Fill the circle of correct option.
      (iii).   The use of calculator is allowed. All notations are used in their usual meanings.

Q. 1. Choose the correct answer for each of the given options.

i). The real part of $\frac{2+i}{i}$ is equal to:
* 1   * 2   * -1   * $\frac{1}{2}$

ii). $\left(\frac{1+i}{1-i}\right)^{12} =$
* 1   * -1   * i * $-i$

iii). Let k be a scalar and A, B, C be the square matrix of the same order, then $(k\,ABC)^t =$
* $k\,A^tB^tC^t$ * $k\,C^tB^tA^t$ * $k\,ABC$ * $k\,CBA$

iv). If A is idempotent matrix, then:
* $A^2 = 1$ * $A^2 = 0$ * $A^2 = A$ * $A^2 = A^t$

v). The distance of the point $(-3, 4, 5)$ from the origin is:
* 50   * $5\sqrt{2}$ * 6   * $2\sqrt{5}$

vi). A sequence is a function whose domain is set of:
* $integers$ * $rational\ numbers$ * $natural\ numbers$ * $real\ numbers$

vii). Let r be the common ratio of a geometric series, if $|r| > 1$, then infinite geometric series is:
* $convergent$ * $divergent$ * $undefined$ * $harmonic\ series$

viii). $\sum_{n=40}^{46} 100\,n^0 =$
* 100   * 46   * 600   * 4600

ix). The product of number 16.17.18.19 is also equal to:
* $^{20}P_4$ * $^{20}C_4$ * $^{19}P_4$ * $^{19}C_4$

x). Two teams A and B are playing a match, the probability that team A wins is:
* $\frac{1}{3}$ * $\frac{2}{3}$ * $\frac{1}{2}$ * 1

xi). $1 + 2x + 3x^2 + 4x^3 + \cdots =$
* $(1+x)^{-1}$ * $(1-x)^{-1}$ * $(1+x)^{-2}$ * $(1-x)^{-2}$

xii). Domain of the function $f(x) = \frac{2x-3}{4x-5}$ is the set of all real numbers except
* $\frac{3}{2}$ * 3   * $\frac{5}{4}$ * 5

xiii). The function $f(\theta) = \cos^3\theta$ is an/a:
* $even$ * odd * $linear$ * $neither\ even\ nor\ odd$

xiv). Solution space of linear inequality $2x + 3y \leq 6, \forall\, x, y \in \mathbb{R}$, includes all points
* $above\ the\ line$ * $below\ the\ line$
* $on\ and\ above\ the\ line$ * $on\ and\ below\ the\ line$

xv). The feasible solution which maximizes or minimizes the objective function is called the:
* $optimal\ solution$ * $corner\ solution$
* $initial\ solution$ * $complex\ solution$

xvi). A group of angles are allied angle of basic angle θ, if sum or difference of any two of them gives the integral multiple of:
* 90° or $\frac{\pi}{2}$ radians   * 180° or π radians   * 30° or $\frac{\pi}{6}$ radians   * 45° or $\frac{\pi}{4}$ radians

xvii). A circle, which passes through all vertices of a triangle is called the:
* $circum\ circle$ * $incircle$ * $tri-circle$ * $e-circle$

xviii). In any equilateral triangle ABC, with usual notations, $r : R : r_1 =$
* $1 : 2 : 3$ * $3 : 2 : 1$ * $1 : 3 : 2$ * $1 : 1 : 1$

xix). $\sec\left[\sin^{-1}\left(-\frac{1}{2}\right)\right] =$
* $\frac{2}{\sqrt{3}}$ * $\frac{\sqrt{3}}{2}$ * $\frac{1}{2}$ * $-\frac{2}{\sqrt{3}}$

xx). The solution of $\sqrt{2}\sin\theta - 1 = 0$ in the interval $\left[\frac{\pi}{2}, \pi\right]$ is:
* $\frac{\pi}{4}$ * $\frac{3\pi}{4}$ * $\frac{5\pi}{4}$ * $\frac{7\pi}{4}$

Board of Intermediate Education, Karachi

INTERMEDIATE EXAMINATION – 2023 (ANNUAL)
MATHEMATICS PAPER – 1 (MODEL QUESTION PAPER)

Time: 02 hours 40 minutes   Maximum Marks: 80

Note: Attempt any ten parts from Section 'B' and any five questions from Section 'C'. Write your answers neatly and legibly. Graph paper will be provided on request.

SECTION – B
(Short-Answer Questions – Marks 40)

Note: Attempt any **TEN** parts from this section. All questions carry equation marks.   **(10 × 4 = 40 marks)**

Q. 2.   i).   Solve the quadratic equation $z^2 - 6z = -13$ by completing the squares, where z is a complex number.

ii).   Find the period of the following periodic matrix.
$$\begin{bmatrix} 1 & -2 & -6 \\ -3 & 2 & 9 \\ 2 & 0 & -3 \end{bmatrix}$$

iii).   Without expanding determinants, prove that.
$$\begin{vmatrix} \alpha & \beta\gamma & \alpha\beta\gamma \\ \beta & \gamma\alpha & \alpha\beta\gamma \\ \gamma & \alpha\beta & \alpha\beta\gamma \end{vmatrix} = \begin{vmatrix} \alpha & \alpha^2 & \alpha^3 \\ \beta & \beta^2 & \beta^3 \\ \gamma & \gamma^2 & \gamma^3 \end{vmatrix}$$

iv).   A force of $22N$ is applied to the end of 0.15 meter wrench at an angle of 75 degrees with the axis of rotation. Calculate the magnitude of the moment $\vec{M}_o$ produced by applied force.

v).   If the pth term of an H. P. is q, the qth term is p; prove that the $(p + q)th$ term is $\frac{pq}{(p+q)}$.

vi).   Find the sum of the following series. $3 + 6 + 21 + 96 + 471 + \cdots to\ n\ terms$

vii).   How many words can be formed by 3 vowels and 4 consonants out of 5 vowels and 7 consonants.

viii).   Prove the following statemen by mathematical induction. $7^n - 4^n$ is divisible by 3.

ix).   Find the point of intersection of the following function graphically.
$f(x) = x + 2$ and $g(x) = x^2 - 4x + 6$

x).   Solve the following LP programming problems by graphical method when $x \geq 0, \geq 0$.
Maximize the objective function $z = f(x, y) = 10x + 11y$,
Subject to the constraints $2x + 3y \leq 8;$ $6x + 3y \leq 10$.

xi).   Express $4\sin\theta + 3\cos\theta$ in the form $r\sin(\theta + \varphi)$, where θ and φ are in first quadrant.

xii).   The area of triangle is 3.346 square unit. If $\beta = 20.9^o, \gamma = 117.2^o$. Find a and angle α.

xiii).   Solve the equation $\cos\theta - \theta = 0$, graphically for the interval $-\frac{\pi}{2} \leq \theta \leq \frac{\pi}{2}$.

xiv).   Show that $Tan^{-1}\left(\frac{1}{6}\right) - Tan^{-1}\left(\frac{1}{7}\right) = Tan^{-1}\left(\frac{1}{43}\right)$.

SECTION – C
(Detailed-Answer Questions – Marks 40)

Note: Attempt any **FIVE** parts from this section. All questions carry equation marks.   **(5 × 8 = 40 marks)**

Q. 3.   Solve the non-homogeneous system of linear equations using Gauss Jordan method.
$2x + 2y - z = 4$ $x - 2y + z = 2$ $x + y = 0$

Q. 4.   In a parallelogram $ABCD$, X is the mid-point of $\overrightarrow{AB}$ and Y divides $\overrightarrow{BC}$ in 1:2. Show that if Z divides $\overrightarrow{DX}$ in 6:1 then it also divides $\overrightarrow{AY}$ in $3:4$.

Q. 5.   A pair of fair dice in thrown. If the two numbers appearing are different, find the probability that (i) then sum is 10, (ii) the sum is six or less.

Q. 6.   If $x = \frac{1}{3} + \frac{1.3}{3.6} + \frac{1.3.6}{3.6.9} + \frac{1.3.6.9}{3.6.9.12} + \cdots$, prove that $x^2 + 2x - 2 = 0$.

Q. 7.   The paths of two aeroplanes A and B in the plane are determined by the straight lines $2x - y = 6$ and $3x + y = 4$ respectively. Graphically find the point where the two paths cross each other.

Q. 8.   Evaluate. $\sin 20^o \sin 40^o \sin 60^o \sin 80^o$

Q. 9.   Find and verify the general solution of the following trigonometric equation.
$$3\tan^2 x + 2\sqrt{3}\tan x = -1$$

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INTERMEDIATE EXAMINATION – 2023 (ANNUAL)
MATHEMATICS PAPER – II (MODEL QUESTION PAPER)

Time: 20 minutes $\qquad$ **SECTION – A** $\qquad$ Maximum Marks: 20

Multiple Choice Questions

Note: (i). This section consists of 20 part questions and all are to be answered. Each question carries one marks.
(ii). Do not copy the part questions in your answer-book. Fill the circle of correct option.
(iii). The use of calculator is allowed. All notations are used in their usual meanings.

Q. 1. Choose the correct answer for each of the given options.

xxi). The bijective function $f[f^{-1}(x)] =$
(a). $f(x)$ (b). $f^{-1}(x)$ (c). 1 (d). x

xxii). $\lim\limits_{x \to 0} \frac{\sin\frac{2}{3}x}{x} =$
(a). $\frac{3}{2}$ (b). $\frac{2}{3}$ (c). 2 (d). 3

xxiii). Let a line $y = mx + b$ is passes through the origin then,
(a). $b = -1$ (b). $b = 0$ (c). $b = 1$ (d). $b = 2$

xxiv). A perpendicular drown from a point to a line is called:
(a). $median$ (b). $right\ bisector$ (c). $bisector\ of\ side$ (d). $altitude$

xxv). A line which passes through the point of intersection of two straight lines l_1 and l_2 is, where k is constant:
(a). $l_1 = kl_2$ (b). $l_1.l_2 = k$ (c). $\frac{l_1}{l_2} = -k$ (d). $k.l_1.l_2 = 1$

xxvi). The combine equation $x^2 - 6xy + 9y^2 = 0$ of two straight line passes through origin, those are:
(a). $real\ and\ distinct$ (b). $real\ and\ coincident$
(c). $real\ and\ perpendicular$ (b). $imaginary$

xxvii). $\frac{d}{dx}(2\sin x \cos x) =$
(a). $-2\sin x \cos x$ (b). $-\frac{1}{2}\sin x \cos x$ (c). $\frac{1}{2}\sin 2x$ (d). $\frac{1}{2}\cos 2x$

xxviii). $\frac{d}{dx}(3e^{4c}) =$
(a). 0 (b). $3e^{4c}$ (c). $12e^{3c}$ (d). $4e^{3c}$

xxix). Find the rate of change of y with respect to x, if $y = \frac{2}{x}$ when $x = \frac{1}{2}$:
(a). 4 (b). -4 (c). 8 (d). -8

xxx). $\sqrt{x + \Delta x}$ can be approximately equal to :
(a). $\sqrt{x} + \sqrt{\Delta x}$ (b). $\sqrt{x} - \sqrt{\Delta x}$ (c). $\sqrt{x} + \frac{1}{2\sqrt{x}}\Delta x$ (d). $\sqrt{x} + \frac{1}{2\sqrt{x}}\sqrt{\Delta x}$

xxxi). $\int 2(\ln a)(\sin b)\, dy$
(a). $2x(\ln a)(\sin b)$ (b). $2y(\ln a)(\sin b)$ (c). $\frac{2}{a}x(\cos b)$ (d). $\frac{2}{a}xy(\cos b)$

xxxii). $\int \frac{e^x - e^{-x}}{e^x + e^{-x}}dx$
(a). $\frac{e^x - e^{-x}}{e^x + e^{-x}}$ (b). $\frac{e^x + e^{-x}}{e^x - e^{-x}}$ (c). $\ln(e^x + e^{-x})$ (d). $\ln(e^x - e^{-x})$

xxxiii). The general equation of differential equation $\frac{dy}{dx} = 1$:
(a). $x - y = c$ (b). $x + y = c$ (c). $\frac{x}{y} = c$ (d). $xy = c$

xxxiv). The length of tangent drawn from any point on the circle $x^2 + y^2 + 2gx + 2fy + c = 0$ to the circle $x^2 + y^2 + 2gx + 2fy + e = 0$
(a). $e + c$ (b). $e - c$ (c). $\sqrt{e + c}$ (d). $\sqrt{e - c}$

xxxv). The parametric equations for the point $(3, 4)$ on the circle $x^2 + y^2 = 5$:
(a). $3 = 5\cos\theta$ and $4 = 5\sin\theta$ (b). $5 = 3\cos\theta$ and $5 = 3\sin\theta$
(a). $3 = 5\sin\theta$ and $4 = 5\cos\theta$ (b). $5 = 3\sin\theta$ and $5 = 3\cos\theta$

xxxvi). A point where a parabola meets with its axis is:
(a). $origin$ (b). $focus$ (c). $vertex$ (d). $center$

xxxvii). The semi major axis of the conic $2y^2 - 3x^2 = 6$ is:
(a). $\sqrt{2}$ (b). $\sqrt{3}$ (c). 2 (d). 3

xxxviii). If the eccentricity of a conic is, 1.5 then it is a / an:
(a). $circle$ (b). $parabola$ (c). $ellipse$ (d). $hyperbola$

xxxix). In the vector algebra, the value of $(\hat{\imath} \times \hat{\jmath}) \cdot (\hat{\jmath} \times \hat{k}) =$
(a). -1 (b). 0 (c). 1 (d). 2

xl). The unit vector in the direction of a vector $\overrightarrow{a} = (3, -2, 7)$:
(a). $\frac{1}{\sqrt{62}}(3i + 2j + 7k)$ (b). $\frac{1}{\sqrt{62}}(3i - 2j + 7k)$
(a). $\frac{1}{\sqrt{8}}(3i + 2j + 7k)$ (b). $\frac{1}{\sqrt{8}}(3i - 2j + 7k)$

Board of Intermediate Education, Karachi

INTERMEDIATE EXAMINATION – 2023 (ANNUAL)
MATHEMATICS PAPER – II (MODEL QUESTION PAPER)

Time: 02 hours 40 minutes **Maximum Marks: 80**

Note: Attempt any ten parts from Section 'B' and any five questions from Section 'C'. Write your answers neatly and legibly. Graph paper will be provided on request.

SECTION – B
(Short-Answer Questions – Marks 40)

Note: Attempt any **TEN** parts from this section. All questions carry equation marks. **(10 × 4 = 40 marks)**

Q. 2.　i).　Consider the *sine* function s and the polynomial function $p: \mathbb{R} \to \mathbb{R}$, defined by $p(x) = x^3 + 1$, $\forall\, x \in \mathbb{R}$. Find the *pos*, *sop* and *ps* and also show that no two of these are equal.

ii).　Determine the limits.

(a).　$\lim\limits_{x \to 0} \dfrac{3e^x - e^{-x} - 2}{x}$　(b).　$\lim\limits_{t \to +\infty} \left(1 + \dfrac{3}{t}\right)^t$

iii).　A is two third the way from $(1, 10)$ to $(-8, 4)$ and B is the mid point of $(0, -7)$ and $(6, -11)$. Find the distance $|\overline{AB}|$.

iv).　Find the equation of the straight line passing through the point (a, b), such that the portion of the straight line between the axes is bisected at the point.

v).　Find the equation of the straight line passing through $(1, -2)$ and perpendicular to the line joining the points $(3, 5)$ and $(-4, 2)$.

vi).　The gradient of one of the lines $ax^2 + 2hxy + by^2 = 0$ is twice that of the other. Show that $8h^2 = 9ab$.

vii).　Find the derivative of $f(x) = \tan x$ by the first principle at any oint x in the domain $D(f)$ of the function f.

viii).　Find the derivative of the function $f(x) = (\tan^{-1} x)^{\cos x + \sin x}$ in a suitable domain.

ix).　Find an approximate value of $\sqrt{9.9}$ by applying differential formula.

x).　By using trigonometric identities or otherwise, evaluate $\int \sqrt{(1 + \cos 3x)^3}\, dx$

xi).　Find the equation of the circle concentric with the circle $x^2 + y^2 + 6x - 10y + 33 = 0$ and touching the line $y = 0$.

xii).　Find the distance between the directrices of the ellipse $9x^2 + 13y^2 = 117$.

xiii).　Find the eccentricity of a hyperbola whose latus rectum is double the transverse axis.

xiv).　Evaluate the following scalar triple products.　$[k \quad 3i + 2j \quad i + j]$

SECTION – C
(Detailed-Answer Questions – Marks 40)

Note: Attempt any **FIVE** parts from this section. All questions carry equation marks. **(5 × 8 = 40 marks)**

Q. 3.　Prove that the square of a side of a triangle plus four times the square of the corresponding median is twice the sum of the squares of the other sides.

Q. 4.　The equations to the sides of a triangle are $y = m_1 + b_1$, $y = m_2 + b_2$ and x=0. Prove that its area is $\dfrac{1}{2}\left\{\dfrac{(b_1 - b_2)^2}{m_1 - m_2}\right\}$.

Q. 5.　Find a right-angled triangle of maximum area with a hypotenuse of length h.

Q. 6.　Evaluate the definite integral.　$\int_0^{\sqrt{5}} x^2 \sqrt{5 - x^2}\, dx$

Q. 7.　Obtain the solution of the differential equation, satisfying the given condition.
$\dfrac{dy}{dx} = \dfrac{\sqrt{1 + \cos y}}{\sin y}$,　$y(3) = \dfrac{\pi}{2}$

Q. 8.　Prove that the two circles $x^2 + y^2 + 2gx + c = 0$ and $x^2 + y^2 + 2fy + c = 0$ touch each other if $\dfrac{1}{f^2} + \dfrac{1}{g^2} = \dfrac{1}{c}$

Q. 9.　Find the equation of the normal to the hyperbola $9x^2 - 25y^2 = 225$ at the point $(10, 3\sqrt{3})$.

✯✯✯✯✯✯✯✯✯✯✯✯✯✯✯✯✯✯✯✯✯✯✯✯✯

BOARD OF INTERMEDIATE EDUCATION, KARACHI

Scheme & the Structure for Paper Setting work for
Annual & Bi Annual Examinations 2023

Computer Science Paper-I &
Computer Science II (Opt-I & II)

For Science General &
Humanities (Regular Group)

Duration: 3 hours   **Marks: 75**

Section 'A':

Multiple Choice Questions (20%)   15 marks

Multiple Choice Question must be covered complete Syllabus of Education

* Each MCQs carry 1 mark
* Given MCQs will be = 15 MCQs
* All MCQs to be answered

Section 'B':

Short Answer Questions (40%)   30 marks

Short Answer Question must be given from the prescribed Syllabus all content are to be followed.

Fifteen **(15)** Short Answer Questions given Each Question having **(3 Marks)**. In this Section Student shall attempt (**10 Questions)** from the given **(15 Short Answer Questions)**.

Section 'C':

Detailed Answer Questions (40%)   30 Marks

Detailed Answer Questions must be given from prescribed Syllabus all content are to be followed.

Five **(05)** Detailed Answer Questions may be given in this section and **(03 Questions)** are to be answered and each Question having **(10 Marks).**

There will be no part questions in this section.

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BOARD OF INTERMEDIATE EDUCATION KARACHI
ANNUAL EXAMINATION – 2023
SCIENCE & HUMANITIES GROUPS
STATISTICS
PAPER – I

Time: 3: 00 Hours   **Max. Marks: 85**

Paper scheme of* XI *for annual examinations – 2023 as per steering committee decision

SECTION – 'A' (20%) – (MULTIPULE CHOICE QUESTIOS) – 17 Marks

Q.1   Choose the correct answer from the given option and answer mark on **OMR SHHET**.

i)
ii)
iii)
↕
xvii)

SECTION – 'B' (42%) – SHORT ANSWERS QUESTIONS – 36Marks

Q.2   Answer any **NINE** part questions. All part questions carry equal marks.

i)
ii)
↕
xiv)

SECTION – 'C' (38%) – DETIALED ANSWER QUESTIONS – 32 Marks

NOTE: Answer any **TWO** questions. All questions carry equal marks.

Q.4 – a)
       b)
Q.5 – a)
       b)
Q.6 – a)
       b)

BOARD OF INTERMEDIATE EDUCATION KARACHI
ANNUAL EXAMINATION – 2023
SCIENCE & HUMANITIES GROUPS
STATISTICS
PAPER – II

Time: 3: 00 Hours   Max. Marks: 85

Paper scheme of **XII** *for annual examinations – 2023 as per steering committee decision*

SECTION – 'A' (20%) – (MULTIPULE CHOICE QUESTIOS) – 17 Marks

Q.1   Choose the correct answer from the given option and answer mark on **OMR SHHET**.

i)
ii)
iii)
↕
xvii)

SECTION – 'B' (42%) – SHORT ANSWERS QUESTIONS – 36Marks

Q.2   Answer any **NINE** part questions. All part questions carry equal marks.

i)
ii)
↕
xiv)

SECTION – 'C' (38%) – DETIALED ANSWER QUESTIONS – 32 Marks

NOTE: Answer any **TWO** questions. All questions carry equal marks.

Q.4 – a)
    b)
Q.5 – a)
    b)
Q.6 – a)
    b)

BOARD OF INTERMEDIATE EDUCATION KARACHI
ANNUAL EXAMINATION – 2023
COMMERCE GROUP
STATISTICS
PAPER – II

Time: 2: 00 Hours   **Max. Marks: 50**

Paper scheme of* XII *for annual examinations – 2023 as per steering committee decision

SECTION – 'A' (20%) – (MULTIPULE CHOICE QUESTIOS) – 10 Marks

Q.1   Choose the correct answer from the given option and answer mark on **OMR SHHET.**

i)
ii)
iii)
↕
x)

SECTION – 'B' (40%) – SHORT ANSWERS QUESTIONS – 20Marks

Q.2   Answer any **FIVE** part questions. All part questions carry equal marks.

i)
ii)
↕
viii)

SECTION – 'C' (40%) – DETIALED ANSWER QUESTIONS – 20 Marks

NOTE: Answer any **TWO** questions. All questions carry equal marks.

Q.4
Q.5
Q.6

BOARD OF INTERMEDIATE EDUCATION, KARACHI

Scheme & the Structure for Paper Setting work for _Annual Examinations 2023_

Economics Paper-I

For (Science & Humanities Regular & Private)

Duration: 3 hours   **Marks: 100**

Section 'A':

Multiple Choice Questions (20%)   20 marks

Multiple Choice Question must be covered complete Syllabus of Economics

* Each MCQs carry 1 mark
* Given MCQs will be = 20 MCQs
* All MCQs to be answered

Section 'B':

Short Answer Questions (40%) 40 marks

Short Answer Question must be given from the prescribed Syllabus all content are to be followed. The Section divided into 2 Parts, which are Micro Economics and Pakistan Economics.

(i) **Micro Economics:**
Six **(06)** Short Answer Questions given Each Question having **(5 Marks)**. In this Part (Micro Economics) Student shall attempt (**4 Questions**) from the given **(06 Short Answer Questions)**.

(ii) **Pakistan Economics:**
Six **(06)** Short Answer Questions given Each Question having **(5 Marks)**. In this Part (Pakistan Economics) Student shall attempt (**4 Questions**) from the given **(06 Short Answer Questions)**.

Section 'C':

Detailed Answer Questions (40%)   40 Marks

Detail Answer Question must be given from the prescribed Syllabus all content are to be followed. The Section divided into 2 Parts, which are Micro Economics and Pakistan Economics.

(iii) **Micro Economics:**
Question No. 3 (a) & (b)

Question No. 4 (a) & (b)

Each part question having (**10 marks**)

(iv) **Pakistan Economics:**
Question No. 5 (a) & (b)

Question No. 6 (a) & (b)

Each part question having (**10 marks**)

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BOARD OF INTERMEDIATE EDUCATION, KARACHI

Scheme & the Structure for Paper Setting work for _Annual Examinations 2022_

Economics Paper-II

For (Science & Humanities Regular & Private)

Duration: 3 hours   **Marks: 100**

Section 'A':

Multiple Choice Questions (20%)   20 marks

Multiple Choice Question must be covered complete Syllabus of Economics

*   Each MCQs carry 1 mark
*   Given MCQs will be = 20 MCQs
*   All MCQs to be answered

Section 'B':

Short Answer Questions (40%) 40 marks

Short Answer Question must be given from the prescribed Syllabus all content are to be followed. The Section divided into 2 Parts, which are Micro Economics and Pakistan Economics.

(v)   **Macro Economics:**
Six **(06)** Short Answer Questions given Each Question having **(5 Marks)**. In this Part (Micro Economics) Student shall attempt (**4 Questions**) from the given **(06 Short Answer Questions)**.

(vi)   **Pakistan Economics:**
Six **(06)** Short Answer Questions given Each Question having **(5 Marks)**. In this Part (Pakistan Economics) Student shall attempt (**4 Questions**) from the given **(06 Short Answer Questions)**.

Section 'C':

Detailed Answer Questions (40%) 40 Marks

Detail Answer Question must be given from the prescribed Syllabus all content are to be followed. The Section divided into 2 Parts, which are Micro Economics and Pakistan Economics.

(vii)   **Macro Economics:**
Question No. 3 (a) & (b)

Question No. 4 (a) & (b)

Each part question having (**10 marks**)

(viii)   **Pakistan Economics:**
Question No. 5 (a) & (b)

Question No. 6 (a) & (b)

Each part question having (**10 marks**)

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BOARD OF INTERMEDIATE EDUCATION, KARACHI

Scheme & the Structure for Paper Setting work for _Annual Examinations 2023_

Principle of Economics Paper-I
For (Commerce Regular & Private)

Duration: 3 hours   _Marks: 75_

Section 'A':

Multiple Choice Questions (20%)   15 marks

Multiple Choice Question must be covered complete Syllabus of Principle of Economics

* Each MCQs carry 1 mark
* Given MCQs will be = 15 MCQs
  (8 MCQs from Micro Economics & 7 MCQs from Macro Economics)

* All MCQs to be answered

Section 'B':

Short Answer Questions (40%) 30 marks

Short Answer Question must be given from the prescribed Syllabus all content are to be followed. The Section divided into 2 Parts, which are Micro Economics and Macro Economics.

(ix) Micro Economics:
Five **(05)** Short Answer Questions given Each Question having **(5 Marks)**. In this Part (Micro Economics) Student shall attempt (**3 Questions)** from the given **(05 Short Answer Questions)**.

(x)   Macro Economics:
Five **(05)** Short Answer Questions given Each Question having **(5 Marks)**. In this Part (Macro Economics) Student shall attempt (**3 Questions)** from the given **(05 Short Answer Questions)**.

Section 'C':

Detailed Answer Questions (40%) 30 Marks

Detail Answer Question must be given from the prescribed Syllabus all content are to be followed. The Section divided into 2 Parts, which are Micro Economics and Pakistan Economics.

(xi) Micro Economics:
Two **(02)** Detailed Answer Questions given Each Question having **(15 Marks)**. In this Part (Micro Economics) Student shall attempt (**1 Question)** from the given **(02 Detailed Answer Questions)**.

(xii) Macro Economics:
Four **(02)** Detailed Answer Questions given Each Question having **(15 Marks)**. In this Part (Macro Economics) Student shall attempt (**1 Question)** from the given **(02 Detailed Answer Questions)**.

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BOARD OF INTERMEDIATE EDUCATION, KARACHI
Paper Setting Scheme for
Annual & Bi Annual Examinations 2023 Examinations

Physics Paper – I & II

Science (Pre-Engineering, Pre-Medical & Science General Groups)

Section 'A':

Multiple Choice Questions (20%)　　17 marks

Multiple Choice Question must be covered complete Syllabus of Education

* Each MCQs carry 1 mark
* Given MCQs will be = 17 MCQs
* All MCQs to be answered

Section 'B':

Short Answer Questions (40%)　　36 marks

Short Answer Question must be given from the prescribed Syllabus all content are to be followed.

Fourteen **(14)** Short Answer Questions may be given. Each Question having **(4 Marks)**. In this Section Student shall attempt (**9 Questions**).

Section 'C':

Detailed Answer Questions (40%)　　32 Marks

Detailed Answer Questions must be given from prescribed Syllabus all content are to be followed.

Three **(03)** Detailed Answer Questions of (**two parts like Question 3.(a)(b), 4.(a)(b) & 5. (a)(b) of 8,8 marks**)may be given in this section and **(02 Questions)** are to be answered and each Question having **(16 Marks).**

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BOARD OF INTERMEDIATE EDUCATION, KARACHI
Paper Setting Scheme for
Annual & Bi Annual Examinations 2023 Examinations

Chemistry Paper – I

Science (Pre-Engineering & Pre-Medical Groups)

Section 'A':

Multiple Choice Questions (20%)   *17 marks*

Multiple Choice Question must be covered complete Syllabus of Education

* *Each MCQs carry 1 mark*
* *Given MCQs will be = 17 MCQs*
* *All MCQs to be answered*

Section 'B':

Short Answer Questions (40%)   *36 marks*

Short Answer Question must be given from the prescribed Syllabus all content are to be followed.

Fourteen **(14)** Short Answer Questions may be given. Each Question having **(4 Marks)**. In this Section Student shall attempt (**9 Questions**).

Section 'C':

Detailed Answer Questions (40%)   *32 Marks*

Detailed Answer Questions must be given from prescribed Syllabus all content are to be followed.

Three **(03)** Detailed Answer Questions may be given in this section and **(02 Questions)** are to be answered and each Question having **(16 Marks).**

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BOARD OF INTERMEDIATE EDUCATION, KARACHI
Paper Setting Scheme for
Annual & Bi Annual Examinations 2023 Examinations

Chemistry Paper – II

Science (Pre-Engineering & Pre-Medical Groups)

Section 'A':

Multiple Choice Questions (20%)   *17 marks*

Multiple Choice Question must be covered complete Syllabus of Education

* *Each MCQs carry 1 mark*
* *Given MCQs will be = 17 MCQs*
* *All MCQs to be answered*

Section 'B':

Short Answer Questions (40%)   **36 marks**

Short Answer Question must be given from the prescribed Syllabus all content are to be followed.

Fourteen **(14)** Short Answer Questions may be given, **(7 part questions in Organic Chemistry and 7 Part questions in Inorganic Chemistry)**. Each Question having **(4 Marks)**. In this Section Student shall attempt (**9 part Questions) 4 part questions from Organic Chemistry and 4 part questions from Inorganic Chemistry and 1 part questions from any one**.

Section 'C':

Detailed Answer Questions (40%)   *32 Marks*

Detailed Answer Questions must be given from prescribed Syllabus all content are to be followed.

Four **(04)** Detailed Answer Questions may be given in this section (2 from Organic Chemistry and 2 from Inorganic Chemistry). The student shall attempt 1 question from Organic Chemistry and 1 question from Inorganic Chemistry are to be answered and each Question having **(16 Marks).**

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BOARD OF INTERMEDIATE EDUCATION, KARACHI

MODEL QUESTION PAPER ANNUAL EXAMINATIONS 2023

Chemistry – I

SECTION – A (Multiple Choice Questions)

Note: This section consists of 17 part questions and all are to be answered. Each question carries one mark. (17 Marks)

Q.1

(i) Which of the following samples of substances contains the same number of atoms as that of 20g Calcium:
(a) 16g S
(b) 20g C
(c) 19g K
(d) 24g Mg

(ii) Principal and azimuthal quantum number values for 3d orbital are:
(a) $n = 2, \ell = 1$
(b) $n = 3, \ell = 2$
(c) $n = 3, \ell = 3$
(d) $n = 2, \ell = 3$

(iii) VBT tells us about all of the following facts except:
(a) Bond length
(b) Bond strength
(c) Bond energy
(d) Bond order

(iv) One bond angle in NH_3 molecule reduces from 109.5° to 107° because of the following type of repulsion:
(a) Bond pair – Bond pair
(b) Bond pair – Lone pair
(c) Lone pair – Lone pair
(d) Active pair – Inactive pair

(v) Gas is more ideal at:
(a) 100°C and 1 atm
(b) 0°C and 1 atm
(c) 0°C and 2 atm
(d) 100°C and 200 atm$_2$

(vi) The principle involves in the liquefaction of gas is:
(a) Charles law
(b) Henry law
(c) Joule Thomson effect
(d) Le-Chatlier's principle

(vii) Which of the following molecules possesses strongest London forces:
(a) H_2
(b) He
(c) CH_4
(d) Ne

(viii) A big crystal can be cut or split into smaller size of identical shape; this phenomenon is called:
(a) Anisotropy
(b) Cleavage
(c) Symmetry
(d) Isomorphism

(ix) If the radius of Zn^{+2} ion is 0.74A° and S^{-2} ion is 1.84A°, the radius ratio of ZnS should be:
(a) 0.74Å
(b) 1.84Å
(c) 0.40Å
(d) 2.48Å

(x) $K_p = K_c$ when Δn is equal to:
(a) zero
(b) 1
(c) -1
(d) 2

(xi) The unit of rate constant for the first order reaction is:
(a) Ms^{-1}
(b) s^{-1}
(c) $M^{-1} s^{-1}$
(d) $M^{-2} s^{-1}$

(xii) Which of the following set is categorized into partially miscible liquid pair:
(a) Benzene and water
(b) Methanol and water
(c) Phenol and water
(d) Benzene and toluene

(xiii)   Conjugate base of HCO_3^- is:
          (a) H_2CO_3 (b) CO_3^{-2}
          (c) H^+ (d) H_2O

(xiv)   Milk is an example of this type of colloid:
          (a) Gel   (b) Aerosol
          (c) Emulsion   (d) Foam

(xv)   Which of the following enthalpy change is always negative:
          (a) Enthalpy of formation   (b) Enthalpy of decomposition
          (c) Enthalpy of combustion   (d) Enthalpy of reaction

(xvi)   Which of the following is not a state function of a system?
          (a) Pressure   (b) Enthalpy
          (c) Internal energy   (d) Work done

(xvii)   Galvanized rod of iron is coated with:
          (a) Nickel   (b) Zinc
          (c) Chromium   (d) Carbon

SECTION – B (Short Answered Questions)

Note: Attempt any nine (09) parts questions. Each question carries 04 marks.

(36 Marks)

Q.2

(i) Define the term Stoichiometry. In a laboratory experiment if 135g aluminum is allowed to react with excess of sulphur, it gives 300g of aluminum sulphide (Al_2S_3) as given in the following equation. Determine the %age yield of Al_2S_3. (atomic mass of Al is 27 and S is 32)

$$2Al + 3S \rightarrow Al_2S_3$$

(ii) Sodium hydroxide (NaOH) reacts with phosphoric acid (H_3PO_4) to form sodium phosphate (Na_3PO_4) and water by the reaction.

$$3NaOH + H_3PO_4 \longrightarrow Na_3PO_4 + 3H_2O$$

If 100g of NaOH and 100g of H_3PO_4 are mixed for the reaction under specific conditions, determine the mass of sodium phosphate formed.
(Molar mass of NaOH = 40, H_3PO_4 is 98 and Na_3PO_4 is 164)

(iii) State Pauli's rule and write the electronic configuration of the following species:

* Ca^{+2} (Z = 20)   * Br^{-1} (Z = 35)   * Cu(Z = 29)
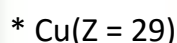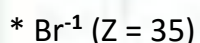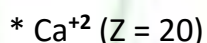
(iv) State Dalton's law of partial pressure. Give its two applications.

OR

Calculate the molar mass of a given gas whose diffusion rate is 2.83 times the diffusion of methane (CH_4).

(v) What is a Liquid crystal? Give its two properties and two uses.

(vi) Explain why metallic solids conduct electricity and molecular solids possess low melting point.

(vii) Silver sulphate (Ag_2SO_4) is used for medicinal purpose to fill wounds. Its solubility in water at 25°C is 1.43×10^{-2} mol/dm³. What will be its Ksp?

(viii) What is meant by Homogenous and Heterogeneous Catalysis? Give one example of each.

(ix) Define acid and base in terms of:
* Lowry Bronsted theory   * Lewis theory

(x) What are exothermic and endothermic reactions? Give example of each.

(xi) What is meant by primary battery? Draw a labeled diagram of Dry cell and write the redox reaction in it.

(xii) Balance of the following equations by ion electron method.
$$MnO_4^- + SO_3^{-2} \longrightarrow Mn^{+2} + SO_4^{-2} \text{ (basic medium)}$$

(xiii) Define molarity and molality? Calculate the mole fraction of a solution prepared by mixing 360g glucose and 900g water.

MODEL QUESTION PAPER ANNUAL EXAMINATIONS 2023

Chemistry – I

SECTION – C (Detailed Answer Questions)

Note: Answer any two questions. All questions carry equal marks.   (32 Marks)

Q.3 (a) State the main postulates of Bohr's atomic theory and derive an expression for the frequency of radiation of hydrogen atom from the following given values.

$$K.E = \frac{Ze^2}{8\pi\epsilon_o r} \qquad P.E = \frac{-Ze^2}{4\pi\epsilon_o r} \qquad r = \frac{\epsilon_o\, n^2 h^2}{\pi m z e^2}$$

(b) What is an Ideal gas? What are the causes of deviation of real gas from ideal behavior? Derive Ideal gas equation from gas laws.

Q.4 (a) State the main postulates of electron pair repulsion theory and predict the geometry of BF_3, NH_3 and CO_2 molecules.

(b) State Le-Chatiler principle and give its application in the synthesis of ammonia by Haber's process.

Q.5 (a) What do ideal and non ideal solution mean? State Raoult law and derive its mathematical expression.

(b) State and explain Hess's law of constant heat summation? Calculate the enthalpy of combustion of propane (C_3H_8) at 25°C by the given information.
$$C_3H_{8(g)} + 5O_{2(g)} \longrightarrow 3CO_{2(g)} + 4H_2O_{(l)} \ (\Delta H^\circ = ?)$$

ΔHf of C_3H_8 = (− 104 KJ/mol)
ΔHf of $CO_{2(g)}$ = (− 393.5 KJ/mol)
ΔHf of $H_2O_{(l)}$ = (− 2858 KJ/mol)

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BOARD OF INTERMEDIATE EDUCATION, KARACHI

Chemistry – II

SECTION – A (Multiple Choice Questions)

Note: This section consists of 17 part questions and all are to be answered. Each question carries one mark. (17 Marks)

Q.1

(i) Gallium belongs to group IIIA and 4th period, its atomic number is:
(a) 30 (b) 31
(c) 32 (d) 33

(ii) Which of the following set consists of all coinage metals:
(a) Cu, Hg, Au (b) Cu, Ag, Au
(c) Ag, Au, Hg (d) Cu, Fe, Au

(iii) Borderline hydrides have intermediate character between:
(a) Ionic and covalent hydrides (b) Metallic and polymeric hydrides
(c) Metallic and covalent hydrides (d) Ionic and Metallic hydrides

(iv) Deuterium isotope of hydrogen consists of:
(a) 1p and 1n (b) 1p and 1e
(c) 1p and 2n (d) 2p and 1n

(v) Potassium combines with oxygen to form:
(a) Normal oxide (b) Peroxide
(c) Super oxide (d) Sub oxide

(vi) Alkali metals cannot be used in voltaic cell because:
(a) They are soft (b) They possess low m.p
(c) They rapidly oxidize (d) They have low I.P

(vii) If Bauxite ore of Aluminum contains SiO_2 as an excess impurity, the method used for its purification is:
(a) Hall process (b) Baeyer's process
(c) Serpek's process (d) Hoope's process

(viii) Lead sesqui oxide is commonly known as:
(a) Suhaga (b) Sandhur
(c) Tincal (d) Kieserite

(ix) Yellow colour of potassium chromate changes into red by adding:
(a) KOH (b) H_2SO_4
(c) H_2O (d) NaCl

(x) Condensation polymer in the following:
(a) Polyethylene (b) Poly propylene
(c) PVC (d) Bakelite

(xi) Acrylonitrile is produced when HCN is catalytically heated with:
(a) Ethane (b) Ethene
(c) Ethyne (d) Ethanol

(xii)   The final product formed when benzene reacts with ozone and zinc dust is:
(a) Cresol   (b) Glyoxal

(c) Glycol   (d) Phenol

(xiii)   Only one of the compounds given below obeys Markownikoff's rule on reaction with HCl:
(a) $CH_3 - CH = CH_2$ (b) $CH_2 = CH_2$

(c) $CH \equiv CH$ (d) $CH_3 - CH = CH - CH_3$

(xiv)   Alkyl halide is converted into an alcohol by:
(a) Substitution   (b) Addition

(c) Elimination   (d) Condensation

(xv)   Ethyl chloride when heated with dry silver oxide, gives:
(a) An aldehyde   (b) An ether

(c) An alcohol   (d) An alkene

(xvi)   The deficiency of this vitamin leads to inflammation of mouth and tongue:
(a) A   (b) B_1

(c) B_2 (d) C

(xvii)   Perspex is a transparent plastic, its monomer is:
(a) Vinyl acetate   (b) Styrene

(c) Vinyl chloride   (d) Methyl metha acrylate

BOARD OF INTERMEDIATE EDUCATION, KARACHI

Chemistry – II
SECTION – B (36 Marks)
(Short Answered Questions)

Note: Attempt total nine (09) parts questions from this section. At least four (04) questions from organic chemistry and four (04) questions from inorganic chemistry. Each question carries 04 marks. and 1 part questions from any one.

INORGANIC CHEMISTRY

Q.2

(i) State modern periodic law and mention two discrepancies in the Mendeleev periodic system of elements.

(ii) Write down four similarities of hydrogen with each alkali metals and halogens.

(iii) Draw a labeled diagram of Down cell. What is the function of gauze diaphragm in this cell? Write the cell reactions taking place on cathode and anode.

(iv) Write the name and formula of three oxy acids of Boron and show the effect of heat on them.

(v) Complete and balance the following chemical reactions.
   * Slaked lime is reacted with chlorine
   * Chrom yellow pigment is digested with NaOH
   * Colemanite is boiled with conc. Na_2CO_3 solution
   * Blue vitriol is mixed with excess of ammonia.

   OR

   Explain the following properties of graphite.
   * Electric conduction   * Lubricant nature

(vi) Write IUPAC naming of the following complexes.

   * $K_4[Cu(C_2O_4)_2 (CN)_2]$ * $[Pt(NH_3)_2Cl_4]$

   * $[Ni(CO_3)_2 (H_2O)_2]^{-2}$ * $[Co(NH_2-CH_2-CH_2-NH_2)_3]^{+2}$

(vii) What is corrosion? Mention two methods of perversion of a metal against corrosion. **OR**
   Explain the following properties of transition elements.
   * Colour formation   * Variable oxidation state

ORGANIC CHEMISTRY

(viii) What is meant by homologous series? Give three properties of a homologous series.

(ix) Write the equations for the preparation of following hydrocarbons.
   (i) Ethane from methyl iodide.   (ii) Ethene from ethyl alcohol
   (iii) Ethyne from ethyl chloride.   (iv) Benzene from n-hexane

(x) Define aromaticity why does benzene show stability towards addition reaction?

(xi) What are organo metallic compound? How are the following substances prepared from methyl magnesium iodide.
   * Acetic acid   * Ethane   * 1°-alcohol.

(xii)   Bring about the following conversions
(i) Acetic acid to acetone   (ii) Formaldehyde to an oxime
(iii) Phenol to picric acid   (iv) Acetone to iodoform

(xiii)   Write the IUPAC naming of the following organic compounds.

$$* (CH_3)_2\,CH - \overset{\overset{\displaystyle O}{\displaystyle ||}}{C} - CH\,(C_2H_5)_2$$

$* CH_3 - CH_2 - COO - C\,(CH_3)_3$

$* CH_2 = CH - C \equiv C - CH = CH_2$ $* CH_3 - CH = CH - CH_2 - COOH$

(xiv)   What are Detergents? Explain the cleaning action of detergent.

SECTION – C (32 Marks)
(Detailed Answer Questions)
Note: Answer any two questions. One from Inorganic chemistry and one from Organic chemistry. Each question carries 16 marks.

INORGANIC CHEMISTRY

Q.3   (a) Describe various steps involved in the industrial preparation of sulphuric acid by contact process.
(b) Explain with the help of equations that
* H_2SO_4 is a dehydrating agent
* HNO_3 is an oxidizing agent
* H_2S is a reducing agent
* Cl_2 is an auto oxidizing reducing agent.

Q.4   (a) Starting from Roasted pyrite ore describe how is 99.99% copper is obtained.
(b) Explain the group trend of alkali metals of the following properties in the long form of periodic table.
* Ionization enthalpy * Hydration enthalpy * Melting point * Hardness

ORGANIC CHEMISTRY

Q.5   (a) Why does Benzene undergo electrophillic substitution reaction? Give the mechanism of nitration and acylation of benzene.
(b) What is meant by fermentation? Explain how ethyl alcohol is obtained by the fermentation of (i) Molasses (ii) Starch. How is ethyl alcohol denatured?

Q.6   (a) What are Lipids? Explain Fat, Waxes and Steroids. What is meant by saponification and rancidification of fat.
(b) What are β-elimination reaction. Explain E_1 and E_2 reactions with respect to
(i) Mechanism   (ii) Kinetics
OR
Explain how the following pairs of compounds distinguished by simple chemical tests.
* Ethane and Ethene   * Ethene and Ethyne

* Aldehyde and Ketone   * n-hexane and Benzene
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BOARD OF INTERMEDIATE EDUCATION, KARACHI
BOTANY PAPER-I
(XI –MODEL PAPER)
Annual Examination 2023 Modified (Science Pre-Medical Group)

Time Allowed: 2 hours   **Total Marks: 45**

SECTION "A" (M.C.Q.s)

Time Allowed: 15 minutes   **Max Marks: 09**

Q1. Choose the correct answer for each from the given option:

Note: This Section consists of **18 MCQs** and all are to be answered. each MCQ carry 0.5 marks.

1. Organelles other than the nucleus that contain DNA
   I. Ribosomes   II. Chloroplast   III. Mitochondria
   a. I only   b. II only   **c. II and III**   d. I and II

2. Select the correct statement
   a. PS I and ATP synthase complexes are located in the appressed part of thylakoid.
   b. PS I and NADP reductase are located in the appressed part of thylakoid membrane.
   c. Appressed part contain NADP reductase and ATP synthase.
   d. Non appressed (non-stack) having PS I.

3. The Oxygen consumed during cellular respiration is involve directly in which process or events
   a. Glycolysis   **b. Accepting electron at the end of electron transport chain**
   c. The citric acid cycle   d. The oxidation of pyruvate to acetyle CoA

4. Bacteriophages escape from host cell by the activity of
   a. Lysozyme   b. Ribozyme   c. Peroxidase   d. Reductase

5. When habitat conditions become harsh and nutrients are exhausted, the development in bacteria is initiated called
   a. Capsule   b. Cell wall   **c. Endospore**   d. Mesosome

6. The most important cellulose degraders in ecosystem are
   a. Ascomycota   b. Zygomycota   c. Basidiomycota   d. Deutromucota

7. Subdivision of Tracheophyta which does not contain true roots and leaves
   a. Lycopsida   **b. Psilopsida**   c. Pteropsida   d. Sphenopsida

8. Which process involved in the promotion of flowering by cold treatment
   a. Photoperiodism   **b. Vernalization**   c. Secondary growth   d. Transpiration

9. Guttation occurs through
   a. Lenticels   **b. Hydathodes**   c. Stomata   d. Bark

10. Clarity of image is generally known as
    a. Magnification   b. Contrast   **c. Resolution**   d. Sedimentation

11. Oxidative decarboxylation of isocitrate form
    a. α-Ketoglutarate   b. Succinate   c. Cis-Aconitated. Fumarate

12. Plant oxidizes sugar in chloroplast during day time without production of energy called
    a. C4 cycle   **b. Photorespiration**   c. C3 cycle   d. Photophosphorylation

13. Some structure are smaller than virus having single stranded RNA with some double stranded regions called
    a. Viroids   b. Prions   c. Minus strand virus   d. Double stranded DNA virus

14. Anaerobic bacteria produce all chemicals during respiration except
    a. Ethanol   b. CO2   **c. Water**   d. Lactic acid

15. A typical structure of obligate parasite, specialized for fixation and absorption
    a. Flagella   b. Pili   **c. Haustoria**   d. Root hairs

16. In banana tree, flowers are covered over by one or many large brackets called
    a. Spathes   b. Spadix   c. Capitulum   d. Palea

17. The hydrostatic pressure in excess of atmospheric pressure is known as
    a. Water potential   **b. Pressure potential**   c. Osmotic potential   d. Solute potential

18. Induction of flowering in response to the relative length of day and night is known as
    a. Photoperiodism   b. Photophosphorylation   c. Photorespiration   d. Phototropism

BOARD OF INTERMEDIATE EDUCATION, KARACHI

BOTANY PAPER-I
(XI –MODEL PAPER)
Annual Examination 2023 Modified (Science Pre-Medical Group)
SECTION 'B'(SHORT-ANSWER QUESTIONS

Time: 1 hour 45 min   **Max Marks: 18**

Q2. Attempt any 09 part questions. Each question carries TWO marks.

1. Why insectivorous plants use insects as food?
2. Why Chloroplast is said to be an energy converting organelle?
3. Describe the role and deficiency symptoms of Nitrogen and Potassium in plant.
4. Differentiate between Prokaryotes and Eukaryotes.
5. Why Photorespiration is considered as wasteful process?
6. Define followings:
   * Double Fertilization * Heterospory
7. What do you mean by bacterial growth? Describe its phases.
8. Why Protoctista considered as polyphyletic kingdom?
9. Give botanical name of any four of the following:
   *Wheat   *Mako   *Barley   *Rice   *Amaltas   *Mulhethi
10. Describe the classification of bacteria on the basis of their shapes.
11. Draw a well labelled diagram of the followings:
    *Bacteriophage virus   * Fern prothallus
12. How many ATP and NADPH requires to fix 1 carbon, 3 carbon, 6 carbon and 12 carbon?
13. What features allow fungi to survive in all environment where life is possible?
14. Why desert plants reduce their leaf size?

SECTION "C" (DETAILED-ANSWER QUESTIONS)

Max Marks: 18

Note: **Attempt any three question from this section all question carries equal marks.**

Q3.   Explain structure and properties of Plasma membrane with diagram.

Q4.   Describe light independent reaction (C_3 cycle) of photosynthesis in detail. OR Describe Tricarboxalic acid cycle (Kreb Cycle) in detail.

Q5.   What are Growth regulators? Name and discuss five in detail. OR Discuss categorization of plants based on osmotic adjustment.

Q6.   Explain the life cycle of Moss with the help of diagrams.

Q7.   Define Bacteria, Describe structure of Bacteria with labelled diagram

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BOARD OF INTERMEDIATE, EDUCATION, KARACHI

BOTANY PAPER-II
(XII –MODEL PAPER)
Annual Examination 2023 Modified (Science Pre-Medical Group)

Time Allowed: 2 hours

Total Marks: 40

SECTION "A" (M.C.Q.s)

Time Allowed: 15 minutes

Max Marks: 08

Note: This Section consists of **16 MCQs** and all are to be answered, each MCQ carry 0.5 marks.

Q1.   Choose the correct answer for each from the given option:
- (i)   Plants grows in salt marshes are called:
  * Hydrophytes   *** Halophytes**   * Mesophytes   * Xerophytes
- (ii)   Phototropic curvature is due to light effect on distribution of hormone:
  *Auxin   * Gibberellin   * Ethene   * Cytokinins
- (iii)   In gymnosperms, megasporangium gives rise to:
  * Fruit   *** Seed** * Embryo sac   * Endosperm
- (iv)   The multiple effect of single gene or allele are known as   :
  * Polygenic inheritance *Pleiotropy   * Multiple allele   *Epistasis
- (v)   *Mimosa pudica* shows following movement:
  * Nyctinastic   *** Seismonastic**   * Photonastic   * Thigmotropic
- (vi)   One complete turn of DNA contains ……… nucleotides
  * 2   * 5   * 7   *** 10**
- (vii) Which characteristic is not associated with diabetes mellitus
  * Endocrine disorder   * Insulin deficiency   ***Low blood glucose**   * Persistence thirst
- (viii) Individual species level approach of ecology called:
  * Synecology   ***Autecology**   *Ecological Niche   * Succession
- (ix)   The diameter of stem and root increases due to:
  * Intercalary meristem   *** Lateral meristem**   * Apical meristem   * Superficial meristem
- (x)   In a cross, appearance of intermediate characters is known as
  * Co dominance   *** In complete dominance**   * Epistatsis   * Multiple allele
- (xi)   Down's syndrome is an example of
  * Trisomic   * Monosomic   * Nullisomic   * Disomic
- (xii) In grassland biomes the rainfall is usually between:
  * 30 to 75cm   * Below 24 cm   * 100-125cm   * 125-150cm
- (xiii) A diploid cell contains in its nucleus.
  * an even number of chromosomes   * an odd number of chromosomes   * one copy of each homologues   * either an even or an odd number of chromosomes
- (xiv) Plants having staminate flower can't perform the following:
  * Cross pollination   ***Self Pollination**   * Parthenocarpy   * Double fertilization
- (xv)   Which triple base sequence do not decode isoleucine amino acid?
  * AUU   * AUC   *AUA   *** AUG**
- (xvi) The Nitrogenous base present in RNA but not in DNA
  * Adenine   * Guanine   * Cytocine   *** Uracil**

BOARD OF INTERMEDIATE, EDUCATION, KARACHI
BOTANY PAPER-II
(XII –MODEL PAPER)
Annual Examination 2023 Modified (Science Pre-Medical Group)

SECTION 'B'(SHORT-ANSWER QUESTIONS)

Time: 1 hour 45 min

Max Marks: 16

Q2. Attempt any 08 part questions. Each question carries TWO mark.

(i)   Define Germination and its types in Angiosperms

(ii)   What do you know about sickle cell anemia. OR Phenylketonuria

(iii)   Define any two of the followings:
         (a) Secondary growth (b) Sex chromosomes (c) Racemose inflorescence

(iv)   Write name and types of RNA and their function.

(v)   How do plants cope with high and low temperature?

(vi)   What would be the phenotypic ratio, if a normal normal male is married with colour blind carrier female? Explain with checker board.

(vii)   What are the effects of chemical mutagens on DNA?

(viii)   (viii)   Why ethene considered as fruit ripening hormone?

(ix)   Why special type of forest named as temperate deciduous forest? Where are they found in Pakistan?

(x)   How is Photonasty different from Phototropism?

(xi)   Define linkage and crossing over.

(xii)   Why Interphase is not considered as the resting stage in cell cycle?

(xiii) Differentiate between Co-Dominance and In-complete Dominance.

(xiv)   Describe the role of light as an Abiotic factor in an ecosystem.

SECTION 'C' (DETAILED-ANSWER OUESTIONS)

Max Marks: 16

Note: Attempt any **two** questions from this section. All questions carry equal marks.

Q3. Define Meiosis. Explain the various stages of Prophase -I of meiosis with diagram.

Q4. What is Replication? Explain Watson and Crick Model of DNA with the help of diagram.

Q5. What are Phyto-hormones? Give name and also describe role of various Phyto-hormones in growth of plant **OR**

        Name the Mendal's law based on di hybrid cross and explain it with the help of checker board.

Q6. Define succession. What do you mean by Primary and Secondary secession? Explain Hydrosere succession.

BOARD OF INTERMEDIATE EDUCATION, KARACHI

<u>ZOOLOGY PAPER-I</u>
<u>NEW SCHEME FOR 2023</u>

(Science Pre-Medical Group)

Total Duration: 02 Hours   **Max Marks: 40**

Time Allowed: 20 Minutes   SECTION "A" (M.C. Qs) 20%:   16 MCQs   08 Marks
16 MCQS from all zoology chapters mentioned in the New XI-Biology textbook and given in the new SLO of 2022 will be given.

Time: 1 Hour 40 MINUTES   SECTION "B" 40%   16 Marks

NOTE: Attempt any FOUR Questions from <u>Reasoning questions</u> and FOUR from <u>Nonreasoning questions.</u> All questions carry equal marks.

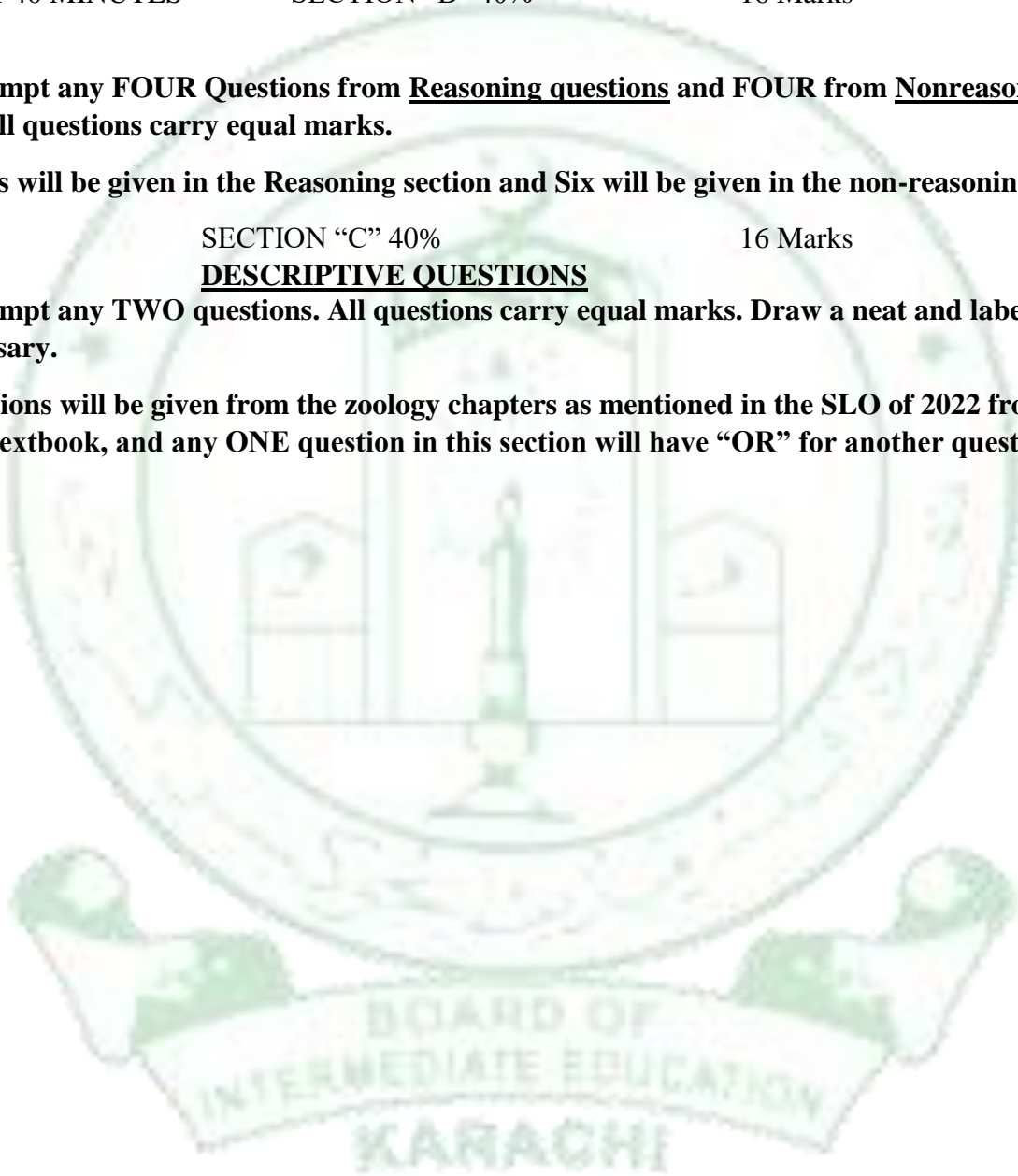**Six questions will be given in the Reasoning section and Six will be given in the non-reasoning section.**

SECTION "C" 40%   16 Marks
<u>**DESCRIPTIVE QUESTIONS**</u>
NOTE: Attempt any TWO questions. All questions carry equal marks. Draw a neat and labeled diagram where necessary.

Three Questions will be given from the zoology chapters as mentioned in the SLO of 2022 from the New XI-Biology textbook, and any ONE question in this section will have "OR" for another question.

BOARD OF INTERMEDIATE EDUCATION, KARACHI

ZOOLOGY PAPER-II

NEW SCHEME FOR 2023

(Science Pre-Medical Group)

Total Duration: 02 Hours   **Max Marks: 45**

Time Allowed: 20 Minutes   **SECTION "A" (M.C. Qs) 20%:**   **18 MCQs   09 Marks**

18 MCQS from all zoology chapters mentioned in the XII-Biology textbook and given in the new SLO of 2017 will be given.

Time: 1 Hour 40 MINUTES   SECTION "B" 40%   18 Marks

NOTE: Attempt any FIVE Questions from <u>Reasoning questions</u> and FOUR from <u>Nonreasoning questions.</u> All questions carry equal marks.

Seven questions will be given in the Reasoning section and Six will be given in the non-reasoning section.

SECTION "C" 40%   18 Marks

DESCRIPTIVE QUESTIONS

NOTE: Attempt any TWO questions. All questions carry equal marks. Draw a neat and labeled diagram where necessary.

Three Questions will be given from the zoology chapters as mentioned in the SLO of 2017 from the XII-Biology textbook, and any ONE question in this section will have "OR" for another question.

BOARD OF INTERMEDIATE EDUCATION KARACHI
ANNUAL EXAMINATION – 2023
ACCOUNTING
PAPER – I / II

Time: 3:00 Hours   **Max. Marks: 100**

Paper scheme of XI for annual examinations – 2023 as per steering committee decision

SECTION – A (20%) – MULTIPULE CHOICE QUESTIOS
SECTION – B (40%) – SHORT ANSWERS QUESTIONS
SECTION – C (40%) – DETIALED ANSWER QUESTIONS

SECTION – A (20%) – (MULTIPULE CHOICE QUESTIOS) – 20 Marks

Q.1 Choose the correct answer from the given options and answer mark on **OMR SHHET.**

i)
ii)
iii)

↕

xx)

SECTION – B (40%) – SHORT ANSWERS QUESTIONS – 40 Marks

Answer any **FOUR** questions. All questions carry equal marks.

Q.2

Q.3

Q.4

Q.5

Q.6

Q.7

SECTION – C (40%) – DETIALED ANSWER QUESTIONS – 40 Marks

Answer any **TWO** questions. All questions carry equal marks.

Q.8

Q.9

Q.10

BOARD OF INTERMEDIATE EDUCATION KARACHI
ANNUAL EXAMINATION – 2023
PRINCIPLES OF COMMERCE
PAPER – I & II

Time: 3:00 Hours　　　　　　　　　　**Max. Marks: 75**

Paper scheme of xi and xii for annual examinations – 2023 as per steering committee decision

SECTION – A (20%) – MULTIPULE CHOICE QUESTIOS
SECTION – B (40%) – SHORT ANSWERS QUESTIONS
SECTION – C (40%) – DETIALED ANSWER QUESTIONS

SECTION – A (20%) – (MULTIPULE CHOICE QUESTIOS) – 15 Marks

Q.1 choose the correct answer from the given option and answer mark on **OMR SHHET**.

i)
ii)
iii)
↕
xv)
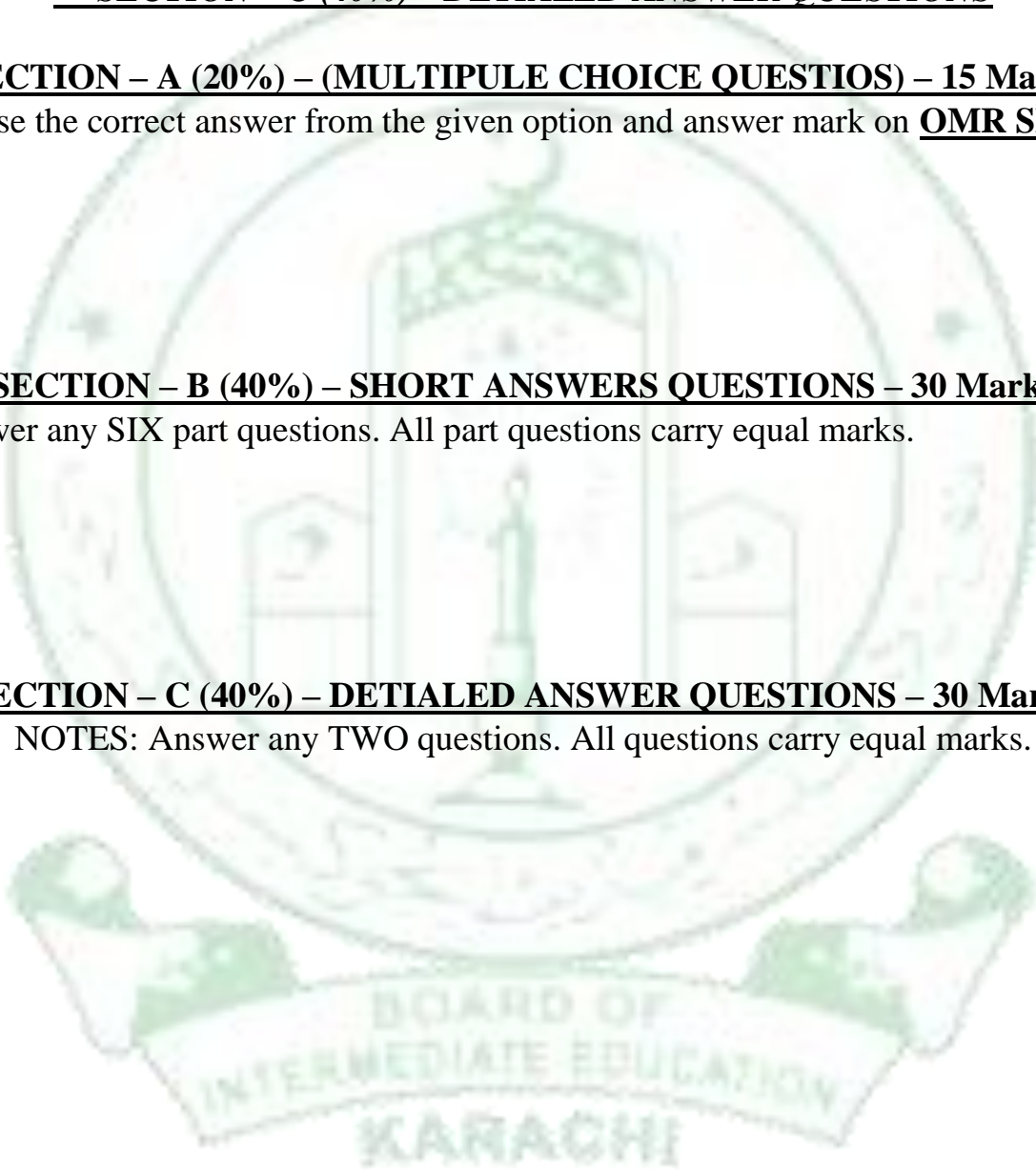
SECTION – B (40%) – SHORT ANSWERS QUESTIONS – 30 Marks

Q.2 Answer any SIX part questions. All part questions carry equal marks.

i)
ii)
iii)
↕
ix)

SECTION – C (40%) – DETIALED ANSWER QUESTIONS – 30 Marks

NOTES: Answer any TWO questions. All questions carry equal marks.

Q.3
Q.4
Q.5

BOARD OF INTERMEDIATE EDUCATION KARACHI
ANNUAL EXAMINATION – 2023
COMMERCE GROUP
BUSINESS MATHEMATICS
PAPER – I

Time: 2: 00 Hours   **Max. Marks: 50**

Paper scheme of **XI** *for annual examinations – 2023 as per steering committee decision*

SECTION – 'A' (20%) – (MULTIPULE CHOICE QUESTIOS) – 10 Marks

Q.1   Choose the correct answer from the given option and answer mark on **OMR SHHET**.

i)
ii)
iii)
↕
x)

SECTION – 'B' (40%) – SHORT ANSWERS QUESTIONS – 20Marks

Q.2   Answer any **FIVE** part questions. All part questions carry equal marks.

i)
ii)
↕
viii)

SECTION – 'C' (40%) – DETIALED ANSWER QUESTIONS – 20 Marks

NOTE: Answer any **TWO** questions. All questions carry equal marks.

Q.4
Q.5
Q.6

بورڈ آف انٹرمیڈیٹ ایجوکیشن، کراچی

سالانہ امتحانات اور سالانہ دوم ۲۰۲۳ء میں ممتحن اور طلبہ وطالبات کے لیے اہم ہدایات

عربی (اختیاری پرچہ (اوّل)

حصّہ (الف) کثیر الانتخابی سوالات   **20%**

سوال نمبر ا:۔   (۲۰ کثیر الانتخابی سوالات منتخب کرنے ہیں)   نمبر(۲۰)

(کثیر الانتخابی سوالات پورے نصاب سے بنائے جائیں گے۔)

حصّہ (ب) مختصر جواب کے سوالات   **40%**

اس حصّے میں پندرہ (۱۵) مختصر سوالات دیئے جائیں گے، جن میں سے دس (۱۰) مختصر سوالات کے جوابات مطلوب ہونگے اور ہر سوال کے (۴) چار نمبر ہوں گے۔ تمام سوالات کے نشانات مساوی ہونگے۔

حصّہ (ج) تفصیلی جواب کے سوالات   **40%**

ایک سوال (۲) دواقتباسات کا دیا جائے گا جس میں ایک اقتباس کا ترجمہ کروایا جائے گا اور اس کے دس (۱۰) نمبر دیئے جائیں گے۔
ایک سوال کتاب کے کم از کم تین اسباق سے آٹھ سوالات دیئے جائیں گے اور اس میں سے پانچ سوالات کرنا لازمی ہے۔ ہر سوال کے دو نمبر ہوں گے اور کل نمبر ۱۰ ہیں۔

ایک سوال (۲) دو اشعار کے بند جو کہ نصاب میں موجود نظموں سے دیئے جائیں گے جس میں ایک بند کا ترجمہ اور تشریح کروایا جائے گا اور اسے سات (۱۰) نمبر دیئے جائیں گے۔

ایک سوال اردو جملوں کا عربی زبان میں ترجمہ کرنے کے حوالے سے دیا جائے گا یا قواعد میں سے کسی ایک قاعدے کے متعلق معلوم کیا جائے گا اور اس سوال کے (۶) نمبر دیئے جائیں گے۔

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سالانہ امتحانات ۲۰۲۳ء میں ممتحن اور طلبہ و طالبات کے لیے اہم ہدایات

عربی (اختیاری پرچہ (دوم))

20%	حصّہ (الف) کثیر الانتخابی سوالات

سوال نمبرا:۔ (۲۰ کثیر الانتخابی سوالات منتخب کرنے ہیں) نمبر (۲۰)

(کثیر الانتخابی سوالات پورے نصاب سے بنائے جائیں گے۔)

40%	حصّہ (ب) مختصر جواب کے سوالات

اس حصّے میں پندرہ (۱۵) مختصر سوالات دیئے جائیں گے، جن میں سے دس (۱۰) مختصر سوالات کے جوابات مطلوب ہوں گے اور ہر سوال کے (۴) چار نمبر ہوں گے۔ تمام سوالات کے نشانات مساوی ہوں گے۔

40%	حصّہ (ج) تفصیلی جواب کے سوالات

ایک سوال (۲) دو اقتباسات کا دیا جائے گا جس میں ایک اقتباس کا ترجمہ کروایا جائے گا اور اس کے سات (۱۰) نمبر دیئے جائیں گے۔

ایک سوال (۲) دو اشعار کے بند جو کہ نصاب میں موجود نظموں سے دیئے جائیں گے جس میں ایک بند کا ترجمہ اور تشریح کروایا جائے گا اور اسے سات (۷) نمبر دیئے جائیں گے۔

ایک سوال کتاب کے کم از کم تین اسباق سے آٹھ سوالات دیئے جائیں گے اور اس میں سے پانچ سوالات کرنا لازمی ہے۔ ہر سوال کے (۲) نمبر ہوں گے اور کل نمبر ۱۰ ہوں گے۔

ایک سوال مضمون کسی ایک عنوان پر عربی زبان میں تحریر کروایا جائے اور اسے چھ (۱۰) نمبر دیئے جائیں گے۔ مضمون تقریباً ۱۰ سے ۱۲ سطور پر مشتمل ہو۔

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Scheme & the Structure for Paper Setting work for **Annual Examinations 2023**

Civics Paper-I & II

For Humanities **(Regular & Private Groups)**

Duration: 3 hours   **Marks: 100**

Section 'A':

Multiple Choice Questions (20%)   20 marks

Multiple Choice Question must be covered complete Syllabus of Civics

*   *Each MCQs carry 1 mark*
*   *Given MCQs will be = 20 MCQs*
*   *All MCQs to be answered*

Section 'B':

Short Answer Questions (40%)   40 marks

Short Answer Question must be given from the prescribed Syllabus all content are to be followed.

Twelve **(12)** Short Answer Questions given Each Question having **(5 Marks)**. In this Section Student shall attempt (**8 Questions**) from the given (**12 Short Answer Questions**).

Section 'C':

Detailed Answer Questions (40%)   40 Marks

Detailed Answer Questions must be given from prescribed Syllabus all content are to be followed.

Seven **(07)** Detailed Answer Questions have been given and **(04 Questions)** are to be answered and each Question having **(10 Marks).**

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بورڈ آف انٹرمیڈیٹ ایجوکیشن، کراچی

سالانہ امتحانات ۲۰۲۳ء میں ممتحن اور طلبہ و طالبات کے لیے اہم ہدایات

اسلامک اسٹڈیز پرچہ (اوّل)

20%	حصّہ (الف) کثیرالانتخابی سوالات

سوال نمبر:۔ (۲۰ کثیرالانتخابی سوالات منتخب کرنے ہیں) نمبر(۲۰)

(کثیرالانتخابی سوالات پورے نصاب سے بنائے جائیں گے۔)

40%	حصّہ (ب) مختصر جواب کے سوالات

اس حصّے میں بارہ (۱۲) مختصر سوالات دیئے جائیں گے، جن میں سے آٹھ (۸) مختصر سوالات کے جوابات مطلوب ہونگے اور نمبر(۴۰)
ہر سوال کے (۵) پانچ نمبر ہوں گے۔ تمام سوالات کے نشانات مساوی ہونگے۔

40%	حصّہ (ج) تفصیلی جواب کے سوالات

اس حصّہ میں چھ سوال دیئے جائیں گے ہر سوال کے (۱۰) دس نمبر ہونگے اور (۴) چار سوالات کے جوابات مطلوب ہونگے۔ نمبر(۴۰)

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سالانہ امتحانات ۲۰۲۳ء میں ممتحن اور طلبہ و طالبات کے لیے اہم ہدایات

اسلامک اسٹڈیز پرچہ (دوم)

حصّہ (الف) کثیرالانتخابی سوالات   20%

سوال نمبر۱:۔   (۲۰ کثیرالانتخابی سوالات منتخب کرنے ہیں)   نمبر (۲۰)

(کثیرالانتخابی سوالات پورے نصاب سے بنائے جائیں گے۔)

حصّہ (ب) مختصر جواب کے سوالات   40%

سوال نمبر۲:   اس حصّے میں بارہ (۱۲) مختصر سوالات دیئے جائیں گے، جن میں سے آٹھ (۸) مختصر سوالات کے جوابات مطلوب ہونگے اور   نمبر (۴۰)
ہر سوال کے (۵) پانچ نمبر ہوں گے۔ تمام سوالات کے نشانات مساوی ہوں گے۔

حصّہ (ج) تفصیلی جواب کے سوالات   40%

سوال نمبر۳:   اس سوال میں (۴) قرآنی آیات دی جائیں گی اور دو (۲) قرآنی آیت کا ترجمہ اور تشریح مطلوب ہوگی اور اس   نمبر (۲۴)
کے نشانات (۲۴ = ۱۲+۱۲) ہوں گے۔

سوال نمبر۴:   اس سوال میں (۴) چار احادیث مبارکہ دی جائیں گی جس میں (۲) دو احادیث کا ترجمہ و تشریح لکھیں گے   نمبر (۱۶)
اور اس کے نشانات (۱۶ = ۸+۸) ہوں گے۔

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BOARD OF INTERMEDIATE EDUCATION, KARACHI

Scheme & the Structure for Paper Setting work for *Annual Examinations 2023*

Education Paper-I & II

For Humanities (Regular & Private Groups)

Duration: 3 hours   **Marks: 100**

Section 'A':

Multiple Choice Questions (20%)   20 marks

Multiple Choice Question must be covered complete Syllabus of Education

* Each MCQs carry 1 mark
* Given MCQs will be = 20 MCQs
* All MCQs to be answered

Section 'B':

Short Answer Questions (40%)   40 marks

Short Answer Question must be given from the prescribed Syllabus all content are to be followed.

Twelve **(12)** Short Answer Questions given Each Question having **(5 Marks)**. In this Section Student shall attempt (**8 Questions**) from the given (**12 Short Answer Questions**).

Section 'C':

Detailed Answer Questions (40%)   40 Marks

Detailed Answer Questions must be given from prescribed Syllabus all content are to be followed.

Seven **(07)** Detailed Answer Questions have been given and **(04 Questions)** are to be answered and each Question having **(10 Marks).**

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BOARD OF INTERMEDIATE EDUCATION, KARACHI

Scheme & the Structure for Paper Setting work for _Annual Examinations 2023_

Islamic History Paper-I & II

For Humanities (Regular & Private Groups)

Duration: 3 hours   **Marks: 100**

Section 'A':

Multiple Choice Questions (20%)   20 marks

Multiple Choice Question must be covered complete Syllabus of Civics

* Each MCQs carry 1 mark
* Given MCQs will be = 20 MCQs
* All MCQs to be answered

Section 'B':

Short Answer Questions (40%)   40 marks

Short Answer Question must be given from the prescribed Syllabus all content are to be followed.

Twelve **(12)** Short Answer Questions given Each Question having **(5 Marks)**. In this Section Student shall attempt (**8 Questions)** from the given (**12 Short Answer Questions)**.

Section 'C':

Detailed Answer Questions (40%)   40 Marks

Detailed Answer Questions must be given from prescribed Syllabus all content are to be followed.

Seven **(07)** Detailed Answer Questions have been given and **(04 Questions)** are to be answered and each Question having **(10 Marks).**

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BOARD OF INTERMEDIATE EDUCATION, KARACHI

Scheme &the Structure for Paper Setting work for Annual Examination, 2023

Outlines of Home Economics (XI Year)
For Humanities (Regular Group)

Duration: 3 hours   Marks: 70

SECTION - A

20 Minutes   **Multiple Choice Questions (20%)**   **14 Marks**

Multiple Choice Questions must be covered complete syllabus of Outlines of Home Economics.
- Total **14 MCQs** will be given.
- Each MCQs carry **1 mark**.
- All MCQs to be answered.

SECTION - B

70 Minutes   **Short Answer Questions (40%)**   **28 Marks**

Short Answer Questions must be given from the prescribed syllabus of Outlines of Home Economics, all contents are to be followed:
- Total **Ten (10)** Short Answer Questions will be given.
- Each question having **Four (04) Marks** and a question solving expected duration is Ten (10) Minutes.
- In this section student shall attempt **Seven (07)** Questions from the given Ten (10) Short Answer Questions.

SECTION - C

90 Minutes   **Detailed Answer Questions (40%)**   **28Marks**

Detailed Answer Questions must be given from the prescribed syllabus of Outlines of Home Economics, all contents are to be followed:
- Total **Four (04)** Detailed Answer Questions will be given.
- Each question having **Seven (14) Marks** and a question solving expected duration is Thirty-five (45) Minutes.
- In this section student shall attempt **Two (02)** Questions from the given Four (04) Detailed Answer Questions.

BOARD OF INTERMEDIATE EDUCATION, KARACHI
Scheme &the Structure for Paper Setting work for Annual Examination, 2022

Outlines of Home Economics (XII Year)
For Humanities (Regular Group)

Duration: 3 hours   Marks: 70

SECTION - A

20 Minutes   **Multiple Choice Questions (20%)**   **14 Marks**

Multiple Choice Questions must be covered complete syllabus of Outlines of Home Economics (both sections i.e. **Food & Nutrition and Clothing & Textile**).
- Total **14 MCQs** will be given.
- Each MCQs carry **1 mark**.
- All MCQs to be answered.

SECTION - B

70 Minutes   **Short Answer Questions (40%)**   **28 Marks**

Short Answer Questions must be given from the prescribed syllabus of Outlines of Home Economics (both sections i.e. **Food & Nutrition and Clothing & Textile**), all contents are to be followed:
- This section contains **Two Sub Section**, **Food & Nutrition** and **Clothing & Textile.**
- Total **Ten (10)** Short Answer Questions will be given (**Five (05)** from **Food & Nutrition** and **Five (05)** from **Clothing & Textile**).
- Each question having **Four (04) Marks** and a question solving expected duration is Ten (10) Minutes.
- In this section student shall attempt **Seven (07)** Questions from the given Ten (10) Short Answer Questions. Students must attempt **Three (03)** questions from **Food and Nutrition** and **Three (03)** questions from **Clothing & Textile** section.

SECTION - C

90 Minutes   **Detailed Answer Questions (40%)**   **28 Marks**

Detailed Answer Questions must be given from the prescribed syllabus of Outlines of Home Economics, (both sections i.e. **Food & Nutrition and Clothing & Textile**), all contents are to be followed:
- This section also contains **Two Sub Section**, **Food & Nutrition** and **Clothing & Textile.**
- Total **Four (04)** Detailed Answer Questions will be given (**Two (02)** from **Food & Nutrition** and **Two (02)** from **Clothing & Textile**).
- Each question having **Seven (14) Marks** and a question solving expected duration is Thirty-five (45) Minutes.
- In this section student shall attempt **Two (02)** Questions from the given Four (04) Detailed Answer Questions. Students must attempt **One (01)** question from **Food and Nutrition** and **One (01)** questions from **Clothing & Textile** section.

BOARD OF INTERMEDIATE EDUCATION, KARACHI
Paper Setting Scheme for
Annual & Bi Annual Examinations 2023 Examinations

Health & Physical Education Paper – I & II

Humanities Group (Regular)

Section 'A':

Multiple Choice Questions (20%)   *17 marks*

Multiple Choice Question must be covered complete Syllabus of Education

* *Each MCQs carry 1 mark*
* *Given MCQs will be = 17 MCQs*
* *All MCQs to be answered*

Section 'B':

Short Answer Questions (40%)   *36 marks*

Short Answer Question must be given from the prescribed Syllabus all content are to be followed.

Ten **(10)** Short Answer Questions given Each Question having **(6 Marks)**. In this Section Student shall attempt (**6 Questions)** from the given.

Section 'C':

Detailed Answer Questions (40%)   *32 Marks*

Detailed Answer Questions must be given from prescribed Syllabus all content are to be followed.

Three **(03)** Detailed Answer Questions may be given in this section and **(02 Questions)** are to be answered and each Question having **(16 Marks).**

1. *Section "A": (20%) 17 marks   (17 M.C.Qs)*
2. *Section "B": (40%) 36 marks   (6 Questions & Each 6 marks)*
3. *Section "C" (40%) 32 marks   (2 Questions & Each 16 marks)*

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BOARD OF INTERMEDIATE EDUCATION, KARACHI
Paper Setting Scheme for Annual 2023 Examinations
Subject : Library Science – I

Section A: MCQs (20% of 80marks = 16 marks)

• Each MCQs carry 1 mark.

Section B: Short Answers Question (40 % of 80 = 32 marks)

• Given = 13 Questions.

• To Attempt = 8 Question (8 x 4 = 32marks)

 • Each question carry 4 marks.

Section C: Detailed Answer Questions (40 % of 80 = 32 marks)

• Given = 3 Questions.

• To Attempt = 2 Questions (2 x 16 = 32 marks)

• Each question carry 16 marks.

Total Marks:

 Section A = 16 marks Section

 B = 32 marks Section

 C = 32 marks

Total = 80 marks

BOARD OF INTERMEDIATE EDUCAITON, KARACHI

Paper Setting Scheme for Annual 2023 Examinations

Subject : Library Science – II

Section A: MCQs (20 % of 80marks = 16 marks)

• Each MCQs carry 1 mark.

Section B: Short Answers Question (40 % of 80 = 32 marks)

• Given = 13 Questions.

• To Attempt = 8 Question (8 x 4 = 32marks)

• Each question carry 4 marks.

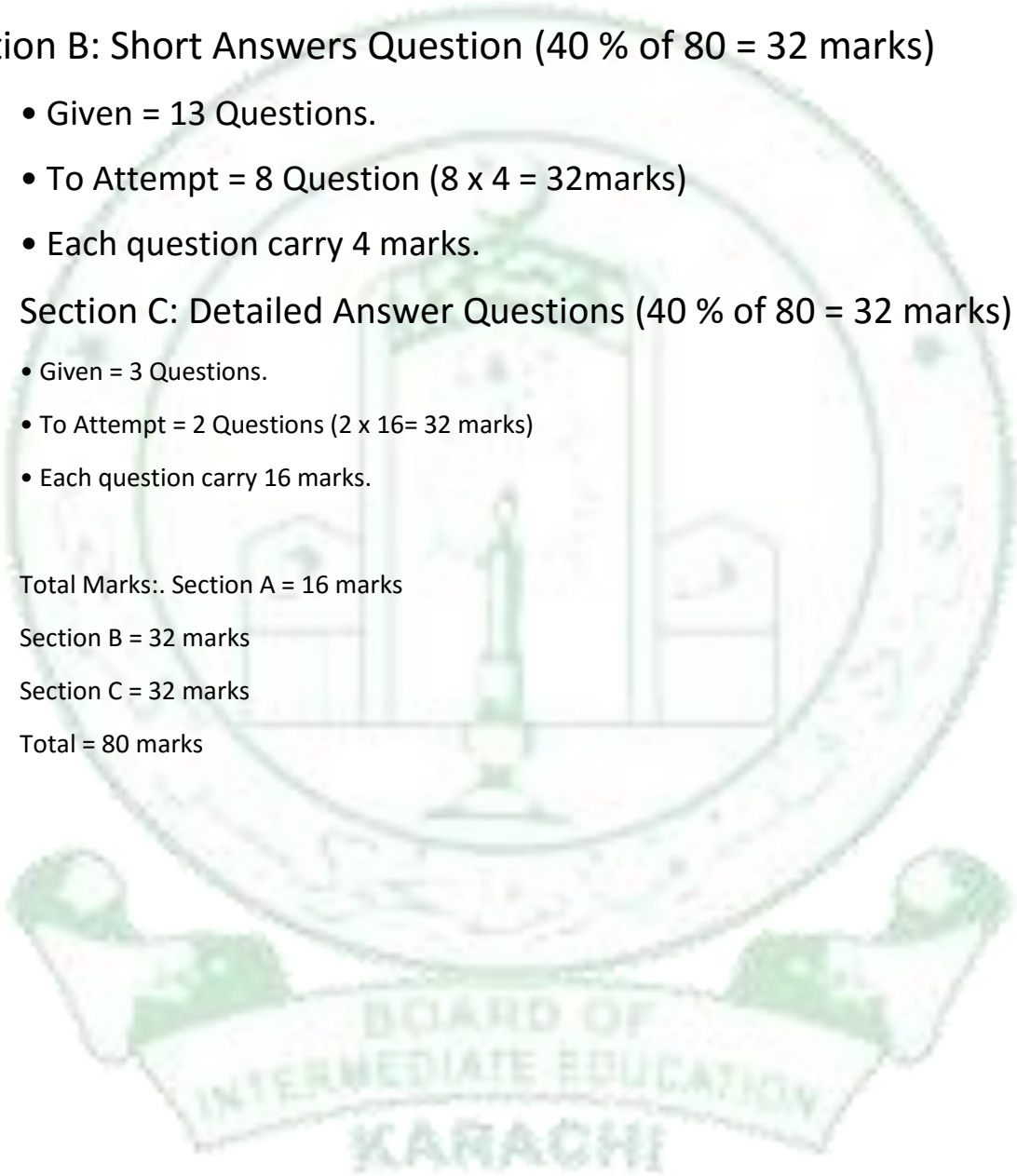## Section C: Detailed Answer Questions (40 % of 80 = 32 marks)

• Given = 3 Questions.

• To Attempt = 2 Questions (2 x 16= 32 marks)

• Each question carry 16 marks.

Total Marks:. Section A = 16 marks

Section B = 32 marks

Section C = 32 marks

Total = 80 marks

BOARD OF INTERMEDIATE EDUCATION, KARACHI
Paper Setting Scheme for
Annual & Bi Annual Examinations 2023 Examinations
Geography– I (Marking Scheme)
Humanities Group (Regular)

Time: 3 Hours   *Max Marks: 85*

Section 'A':

Multiple Choice Questions (20%) 16 marks

Q1.   **Multiple Choice Question must be covered complete Syllabus of Education**

i)   LITHOSPHERE   (04 M.C.Qs)
ii)   ATMOSPHERE   (04 M.C.Qs)
iii)   HYDROSPHERE   (04 M.C.Qs)
iv)   NATURAL REGION   (04 M.C.Qs)

Section 'B':

Short Answer Questions (40%) 36 marks

Note: Attempt all question of this section. All question carry equal marks.

Q2.   LITHOSPHERE:
Note: Attempt any Three part questions from the following: (3 x 4 = 12)
 i)
ii)
iii)
iv)
v)
 Q3.   ATMOSPHERE:
Note: Attempt any Three part questions from the following: (3 x 4 = 12)
 i)
ii)
iii)
iv)
v)
Q4.   HYDROSPHERE:
Note: Attempt any Three part questions from the following: (3 x 4 = 12)
i)
ii)
iii)
iv)
v)

Section 'C':

Detailed Answer Questions (40%)   32 Marks

Note: Answer any Three questions from this section. All question carry equal marks.

Q5.   LITHOSPHERE   (11 marks)
Q6.   ATMOSPHERE   (11 marks)
Q7.   HYDROSPHERE   (11 marks)
Q8.   NATURAL REGION   (11 marks)
Q9.   LITHOSPHERE OR ATMOSPHERE   (11 marks)

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BOARD OF INTERMEDIATE EDUCATION, KARACHI
Paper Setting Scheme for
Annual & Bi Annual Examinations 2023 Examinations
Geography– II (Marking Scheme)
Humanities Group (Regular)

Time: 3 Hours   *Max Marks: 85*

Section 'A':

Multiple Choice Questions (20%) 16 marks

Q1.   **Multiple Choice Question must be covered complete Syllabus of Education**

i)   *World Geography   (06 M.C.Qs)*
ii)   *Pakistan Geography   (05 M.C.Qs)*
iii)   *Regional Geography   (05 M.C.Qs)*

Section 'B':

Short Answer Questions (40%)   36 marks

Note: Attempt all question of this section. All question carry equal marks.

Q2.   WORLD GEOGRAPHY:
Note: Attempt any Three part questions from the following: **(3x4 = 12)**
 i)
ii)
iii)
iv)
v)
 Q3.   PAKISTAN GEOGRAPHY:
Note: Attempt any Three part questions from the following: **(3x4 = 12)**
 i)
ii)
iii)
iv)
v)
Q4.   REGIONAL GEOGRAPHY:
Note: Attempt any Three part questions from the following: **(3x4 = 12)**
 i)
ii)
iii)
iv)
v)

Section 'C':

Detailed Answer Questions (40%)   (3x11=**33 Marks**)

*Note: Answer any **Three** questions from this section. All question carry equal marks*

Q5 .   WORLD GEOGRAPHY   (11 marks)
06.   WORLD GOEGRAPHY   (11 marks)
Q7.   PAKISTAN GEOGRAPHY (11 marks)
Q8.   REGIONAL GEOGRAPHY (11 marks)

Q9.   ANY ON QUESTION FROM PAKISTAN GEOGRAPHY / REGIONAL GEOGRAPHY
                              OR
                              WORLD MAP
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سالانہ اور سالانہ دوم امتحانات ۲۰۲۳ میں ممتحن اور طلبا اور طالبات کے لیے اہم ہدایات

اردو (اعلٰی اختیاری) پرچہ (اوّل)

20%	حصہ (الف) کثیرالانتخابی سوالات

۲۰ نمبر	سوال نمبر۔۱ (کثیرالانتخابی سوالات) (۲۰) پوری نصابی کتاب میں سے بنانے ہیں۔

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40%	حصہ: ب (مختصر جوابات کے سوالات)

نوٹ: تمام سوالات کے جوابات تحریر کیجیے:۔

(۰۶)	سوال نمبر۲:- (الف) مندرجہ ذیل اقتباسات میں سے کسی ایک اقتباس کی تشریح کیجیے۔
(۰۲)	(ب) تشریح کردہ اقتباس کے مصنف کا نام تحریر کیجیے۔
(۰۲)	(ج) تشریح کردہ اقتباس کے سبق کا نام تحریر کیجیے۔

نوٹ۔اقتباسات اسباق میں سے اور تین دیے جائیں۔

یا کسی ایک سبق کا تنقیدی جائزہ تحریر کیجیے۔ نوٹ۔اسباق تین دیے جائیں۔

(۰۶)	سوال نمبر۳:- (الف) مندرجہ ذیل میں سے کسی ایک نظم کے جُزو کی تشریح کیجیے۔
(۰۲)	(ب) تشریح کردہ جُزو کی نظم کا نام تحریر کیجیے۔
(۰۲)	(ج) تشریح کردہ جُزو کے شاعر کا نام تحریر کیجیے۔

نوٹ۔ جز نظم میں سے اور دو دیے جائیں۔

(۱۰)	سوال نمبر۳:- مندرجہ ذیل میں سے دو اصناف ادب پر نوٹ تحریر کیجیے۔ نوٹ۔اصناف ادب چار دیے جائیں۔
(۱۰)	سوال نمبر۳:- مندرجہ ذیل میں سے ایک عنوان پر مضمون تحریر کیجیے۔ نوٹ۔مضمون چار دیے جائیں۔

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40%	حصہ: ج (تفصیلی جوابات کے سوالات)

(۲۰)	سوال نمبر۶:- دیے گئے شعراء میں سے کسی ایک شاعری کی شاعری پر تبصرہ تحریر کیجیے۔

نوٹ۔شاعر تین دیے جائیں۔

سالانہ اور سالانہ دوم امتحانات ۲۰۲۳ میں ممتحن اور طلبا اور طالبات کے لیے اہم ہدایات

اردو (اعلٰی اختیاری) پرچہ (دوم)

حصہ (الف) کثیر الانتخابی سوالات   20%

سوال نمبر۔۱ (کثیر الانتخابی سوالات) (۲۰) پوری نصابی کتاب میں سے بنانے ہیں۔ دس شاعری اور دس حصہ نثر سے بنائیں جائیں   ۲۰ نمبر

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حصہ: ب (مختصر جوابات کے سوالات)   40%

نوٹ: تمام سوالات کے جوابات تحریر کیجیے:۔

سوال نمبر۲:۔ (الف) مندرجہ ذیل اقتباسات میں سے کسی ایک اقتباس کی تشریح کیجیے۔   (۰۶)

(ب) تشریح کردہ اقتباس کے مصنف کا نام تحریر کیجیے۔   (۰۲)

(ج) تشریح کردہ اقتباس کے سبق کا نام تحریر کیجیے۔   (۰۲)

نوٹ۔ اقتباسات اسباق میں سے اور تین دیے جائیں۔

یا   کسی ایک سبق کا تنقیدی جائزہ تحریر کیجیے۔ نوٹ۔ اسباق تین دیے جائیں۔

سوال نمبر۳:۔ مندرجہ ذیل اشعار میں سے کسی دو کی تشریح شاعر کے حوالے سے کیجیے۔   (۱۰)

نوٹ۔ اشعار پانچ دیے جائیں

سوال نمبر۴:۔ مندرجہ ذیل میں سے کسی دو شعری اصطلاحات کی تعریف مع شعری امثال تحریر کیجیے۔   (۱۰)

نوٹ۔ شعری اصطلاحات پانچ دی جائیں۔

سوال نمبر۵:۔ مندرجہ ذیل عبارت کے حوالے سے سوالات کے جوابات اپنے الفاظ میں تحریر کیجیے۔   (۱۰)

نوٹ۔ ایک عبارت دی جائے اور اس میں سے پانچ سوالات پوچھے جائیں۔

حصہ: ج (تفصیلی جوابات کے سوالات)   40%

سوال نمبر۶:۔ دیے گئے شعراء میں سے کسی ایک شاعر کی شاعری پر تبصرہ تحریر کیجیے۔   (۲۰)

نوٹ۔ شاعر تین دیے جائیں

سوال نمبر۷:۔ دیے گئے نثر نگاروں میں سے کسی ایک نثر نگار کی نثر نگاری پر تبصرہ تحریر کیجیے۔   (۲۰)

نوٹ۔ نثر نگار تین دیے جائیں

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BOARD OF INTERMEDIATE EDUCATION, KARACHI

Scheme & the Structure for Paper Setting work for _Annual Examinations 2023_

Logic Paper-I & II

For Humanities (Regular Groups)

Duration: 3 hours   **Marks: 100**

Section 'A':

Multiple Choice Questions (20%)   20 marks

Multiple Choice Question must be covered complete Syllabus

*   _Each MCQs carry 1 mark_
*   _Given MCQs will be = 20 MCQs_
*   _All MCQs to be answered_

Section 'B':

Short Answer Questions (40%)   40 marks

Short Answer Question must be given from the prescribed Syllabus all content are to be followed.

Twelve **(12)** Short Answer Questions given Each Question having **(5 Marks)**. In this Section Student shall attempt (**8 Questions**) from the given (**12 Short Answer Questions**).

Section 'C':

Detailed Answer Questions (40%)   40 Marks

Detailed Answer Questions must be given from prescribed Syllabus all content are to be followed.

Seven **(07)** Detailed Answer Questions have been given and **(04 Questions)** are to be answered and each Question having **(10 Marks).**

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BOARD OF INTERMIDIATE EDUCATION, KARACHI
ANNUAL EXAMINATION-2023
COMMERCE GROUP
COMMERCIAL GEOGRAPHY PAPER-II

Time: 3:00 Hours   **Max. Marks: 75**

Paper scheme of XII for Annual Examinations-2023

SECTION - 'A'(20%) – (MULTIPLE CHOICE QUESTIONS) – 15 Marks

Q.1 Choose the correct answer from the given option:

(7 MCQs from World Geography and 8 MCQs from Pakistan Geography)

i)
ii)
iii)
↕
xv)

SECTION – 'B'(40%) – SHORT ANSWER QUESTIONS – 30 Marks

Q.2 Answer any **SIX** part questions. All questions carry equal marks. (18 Marks)

i)
ii)
↕
x)

Q.3 Answer any **FOUR** part questions. All questions carry equal marks. (12 Marks)

i)
ii)
↕
viii)

SECTION – 'C'(40%) – DETAILED ANSWER QUESTIONS – 30 Marks

Q.4 Answer any **Two** part questions. All questions carry equal marks. (20 Marks)
i)
ii)
iii)
iv)
Q.5 Answer any **One** part. All parts of the questions carry equal marks. (10 Marks)
i)
ii)

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BOARD OF INTERMEDIATE EDUCATION, KARACHI
COMMERCIAL GEOGRAPHY (PAPER-II)
Model Paper (2023)

Max. Marks:75   Time: 3hours

SECTION 'A'
(MULTIPLE CHOICE QUESTIONS)-M.C.Qs.   **Marks:15**

1- Choose the correct answer for each from the given options:

i. "Commercial Geography is concerned with the geographical facts relating to Commerce" is defined by
    * GD Chisholm   * Sir Dudley Stamps   * Dr. Jean-Paul Rodrigues   *none of these

ii. The Largest continent is Asia which is adjacent to Europe sometimes both these are referred as a single continent as:
    *South east Asia   *East Asia   *Eurasia   *Siberia

iii. Pakistan major cash crop is:
    * Sugarcane   * Wheat   * Rice   * Cotton

iv. It is the world's largest earth filled dam:
    * Tarbela   * Mangla   * Warsak   * Neelum

v. This Motorway connects Islamabad – Lahore:
    * M-1   * M-2   * M-4   * M-5

vi. It is a barrier across water way to control the flow or raise the level of water:
    * Dam   * Barrage   * Sprinkler   * None of these

vii. The aim of this occupation is to earn profit:
    * Profession   * Employment   * Business   * None of these

viii. This Doab is in between Jhelum and Chenab rivers:
    * Chaj Doab   * Rechna Doab   *Bari Doab   *Sindh Sagar Doab

ix. Construction, making of furniture, chocolate, cars and chairs are the examples of:
    * Primary activities   *Secondary activities   * Tertiary activities   * None of these

x. 90% of world population lives in:
    * Plateaus   * Mountains   *Plain areas   * Coastal Areas

xi. This fiber is dominating the textile industry of the world:
    * Linen   *Silk   * Cotton   * Jute

xii. Karez irrigation in Pakistan is found in:
    * KPK   * Sindh   * Punjab   * Baluchistan

xiii. Mangroves are located in:
    * Indus Delta   * Indus plain   * Northern Mountains   * Plateaus

xiv. This country is not a major exporter of wheat:
    * Canada   * Ukraine   * Argentina   * China

xv. The rainiest place of Pakistan is:
    * Islamabad   *Muree   * Lahore   * Quetta

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BOARD OF INTERMEDIATE EDUCATION, KARACHI
COMMERCIAL GEOGRAPHY (PAPER-II)
Model Paper (2023)

SECTION 'B' (SHORT-ANSWER QUESTIONS)

2- Answer any six-Part question. All question carries equal marks. (Marks 18)

i. "Commercial Geography evaluates and suggests the possibilities of economic development of a region" elaborate the statement.
ii. Why are the commercial activities of people belonging to different regions different?
iii. China is the major importer and producer of iron and steel of the world. Elaborate the statement.
iv. The rubber plant is mostly found in the wet equatorial region of the world. Write its industrial uses.
v. Discuss the advantages of relative location for Commercial Activities.
vi. Write a short note on Online Business or e-business.
vii. List any six major global environmental issues.
viii. Write three revolutions of population.
ix. Write advantages of mixed farming.
x. What' is a byproduct? Write the byproducts of Rice.

3- Answer any four-Part question. All question carries equal marks. (Marks 12)

i. What are the causes of shortage of electricity in Pakistan?
ii. Write the names of coal fields of Pakistan.
iii. Write a note on the climatic importance of Northern Mountains.
iv. Define a link canal.
v. Write about the main rice sugar producing areas of Pakistan.
vi. Define Doab, Name any two Doabs of upper Indus plain.
vii. Write a note on Artificial Forest **or** irrigated plantations.
viii. Write salient features of Motorways.

SECTION 'C' (DETAILED-ANSWER QUESTIONS)

4. Answer any two-part questions. All questions carry equal marks. (Marks 20)

i. Define commercial activities. Describe different kinds of commercial activities with examples.
ii. List major agriculture types practiced in the world and explain any two of them.
iii. Give an account of the distribution of iron and steel industry in the world.
iv. Describe Physical and Socio-Economic conditions required for the cultivation of Wheat also discuss the distribution of Wheat in the world.

5. Answer any one-part questions. All questions carry equal marks. (Marks 10)

i. Name the physical regions of Pakistan and give the salient features of plain areas of Pakistan.
ii. List the types of Forests found in Pakistan and explain their environmental and economic importance for the country.

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BOARD OF INTERMEDIATE EDUCATION, KARACHI
INSTRUCTIONS FOR HSC ANNUAL EXAMINATIONS-2023
HOME ECONOMICS (GROUPS)

PAPER OF TOTAL 50 MARK: **DURATION: 3 hours**

SECTION 'A': (10 MARKS)

MULTIPLE CHOICE QUESTIONS (20%)

- 20 Multiple Choice Questions (MCQ) given
- Each MCQ CARRY 0.5 mark
- All MCQs to be answered

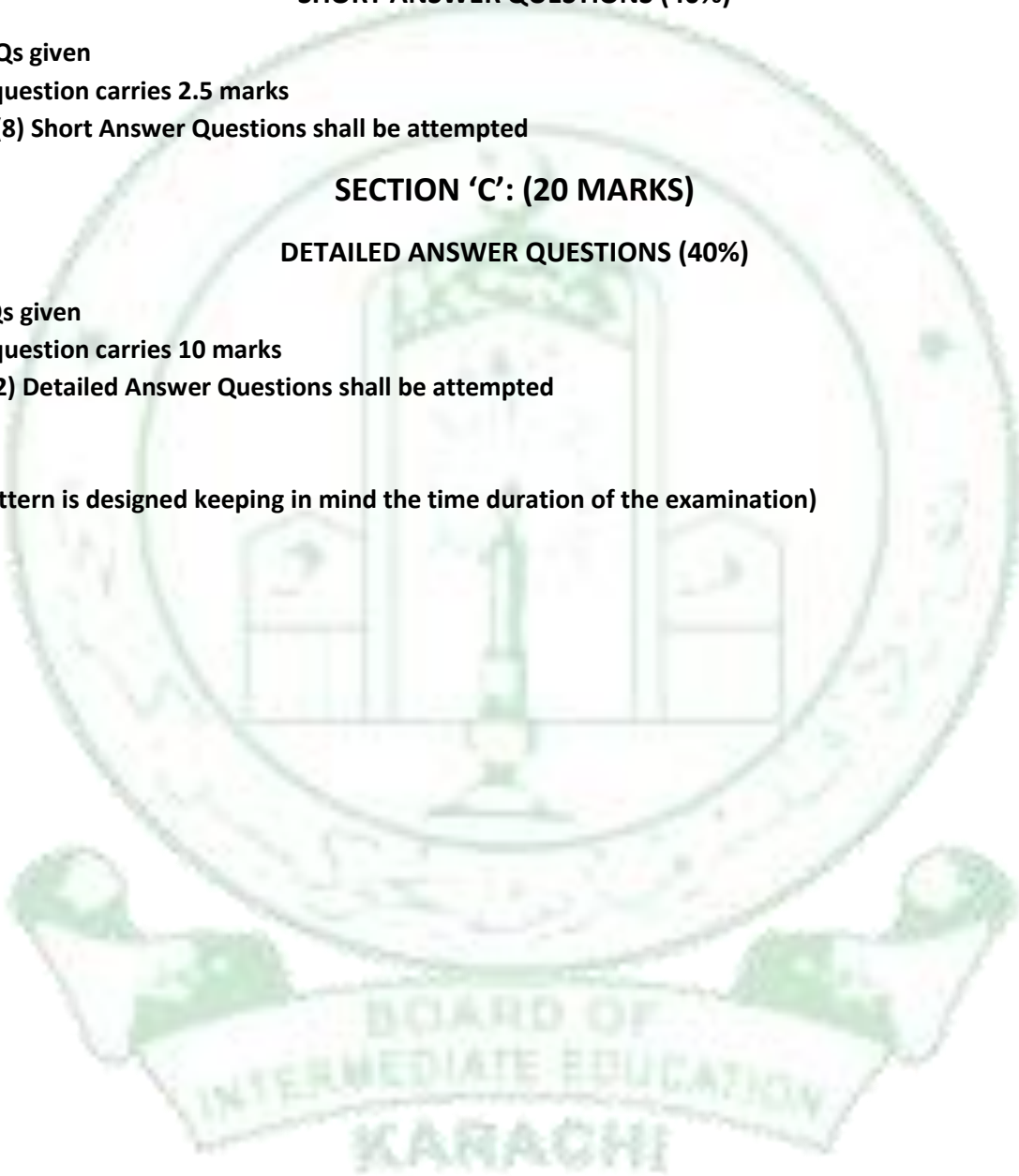## SECTION 'B': (20 MARKS)

SHORT ANSWER QUESTIONS (40%)

- 12 SAQs given
- Each question carries 2.5 marks
- Eight (8) Short Answer Questions shall be attempted

SECTION 'C': (20 MARKS)

DETAILED ANSWER QUESTIONS (40%)

- 4 DAQs given
- Each question carries 10 marks
- Two (2) Detailed Answer Questions shall be attempted

(The paper pattern is designed keeping in mind the time duration of the examination)

BOARD OF INTERMEDIATE EDUCATION, KARACHI
INSTRUCTIONS FOR HSC ANNUAL EXAMINATIONS-2023
HOME ECONOMICS (GROUPS)

PAPER OF TOTAL 35 MARK: **DURATION: 2 hours**

SECTION 'A': (7 MARKS)

MULTIPLE CHOICE QUESTIONS (20%)

- 14 Multiple Choice Questions (MCQ) given
- Each MCQ CARRY 0.5 mark
- All MCQs to be answered

SECTION 'B': (14 MARKS)

SHORT ANSWER QUESTIONS (40%)

- 10 SAQs given
- Each question carries 2 marks
- Seven (7) Short Answer Questions shall be attempted

SECTION 'C': (14 MARKS)

DETAILED ANSWER QUESTIONS (40%)

- 4 DAQs given
- Each question carries 7 marks
- Two (2) Detailed Answer Questions shall be attempted

(The paper pattern is designed keeping in mind the time duration of the examination)

BOARD OF INTERMEDIATE EDUCATION, KARACHI
Scheme & the Structure for
Paper Setting work for Annual Examinations 2023
PSYCHOLOGY paper I & II

Duration 3 hours   Marks 85

Section 'A'

Multiple choice questions (20%)   17 marks

Multiple choice questions must be covered complete syllabus

*   Each MCQs carry 1 mark *Given MCQs will be 17

*   All MCQs must be answered

Section 'B'

Short Answer Questions (42%)   36 marks

*   Total 10 questions will be given

*   6 questions are required to be answered

*   Each question carry 6 marks

Section 'C'

Detailed Answer Questions (38%)   32 marks

*   Total 3 Questions will be given

*   2 Questions required to be answered

*   Each Question is of 16 marks

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BOARD OF INTERMEDIATE EDUCATION, KARACHI

*Scheme & the Structure for Paper Setting work for **Annual Examinations 2023***

Islamic History Paper-I & II

For Humanities (Regular & Private Groups)

Duration: 3 hours   **Marks: 100**

Section 'A':

Multiple Choice Questions (20%)   20 marks

Multiple Choice Question must be covered complete Syllabus of Islamic History

* *Each MCQs carry 1 mark*
* *Given MCQs will be = 20 MCQs*
* *All MCQs to be answered*

Section 'B':

Short Answer Questions (40%)   40 marks

Short Answer Question must be given from the prescribed Syllabus all content are to be followed.

Twelve **(12)** Short Answer Questions given Each Question having **(5 Marks)**. In this Section Student shall attempt (**8 Questions**) from the given (**12 Short Answer Questions**).

Section 'C':

Detailed Answer Questions (40%)   40 Marks

Detailed Answer Questions must be given from prescribed Syllabus all content are to be followed.

Seven **(07)** Detailed Answer Questions have been given and **(04 Questions)** are to be answered and each Question having **(10 Marks).**

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