

DHAKA COACHING CENTRE

Karimabad Campus: 36826389, 36826381 Gulshan Campus: 34987386, 34813611, 34811691

Web: dcc.dhakagroup.edu.pk | Email: dhaka.centre@dhakagroup.edu.pk

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GRAND TEST 2017

Class: IX

Paper: Pak. Studies

Max. Marks: 75

Time: 3 Hours

Note: Section "A": This section consists of 30 multiple choice questions (MCQs) and all have to be answered.

Section "B": This section consists of 14 short questions and answers out of which 12 are to be answered.

Section "C": This section consists of 3 detailed questions out of which 2 are to be answered.

Time: 30 Minutes

Max. Marks: 15

SECTION "A" MULTIPLE CHOICE QUESTIONS (MCQ's)

Q.1 Choose the correct answers from the options given below:

1. The highest peak of Karakorum range is:
(a) Trichmir (b) Nanga Parbat (c) K2 (d) The Himalayas
2. The objective resolution was passed on 12th March:
(a) 1947 (b) 1949 (c) 1950 (d) 1951 AD
3. The length of National Highway is _____ km:
(a) 1535 (b) 1635 (c) 1735 (d) 1835
4. In Pakistan more than _____ languages are spoken:
(a) 30 (b) 40 (c) 50 (d) 60
5. After the establishment of Pakistan the first census was taken in _____ A.D.
(a) 1948 (b) 1949 (c) 1950 (d) 1951
6. The Mangla Dam is constructed on the river:
(a) Indus (b) Jhelum (c) Ravi (d) Chenab
7. About _____ percent of the total area of Pakistan is under forests:
(a) 3.5 (b) 4.5 (c) 5.5 (d) 6.5
8. India is situated in the _____ of Pakistan.
(a) East (b) West (c) North (d) South
9. Bangladesh was recognized by Pakistan during _____ conference.
(a) 1st (b) 2nd (c) 3rd (d) 4th
10. The female literacy rate of Pakistan is _____ according to 1998 census.
(a) 26 (b) 36 (c) 46 (d) 56
11. Eid-ul-Fitr is celebrated on the month of:
(a) Rajab (b) Safar (c) Ziqad (d) Shawal
12. _____ is famous for sports goods:
(a) Karachi (b) Lahore (c) Sialkot (d) Multan
13. Fraternity means:
(a) Friendship (b) Tolerance (c) Childhood (d) Brotherhood
14. Sindh became a separate province in the year _____ A.D.
(a) 1925 (b) 1935 (c) 1940 (d) 1945
15. _____ was the first Governor General of Pakistan.
(a) Quaid-e-Azam (b) Liaquat Ali Khan (c) Ghulam Muhammad (d) Ayub Khan

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SECTION "B" (SHORT ANSWER QUESTIONS)

Q.2 Answer any 12 of the following questions: (36)

- i. What does ideology mean?
- ii. Write three lines on Faraizi Movement?
- iii. Write down the three points of Quid-e-Azam out of 14.
- iv. What is Two Nation Theory?
- v. Write three sentences on Pakistan resolution?
- vi. Write three Islamic Provision of the Constitution of 1973?
- vii. Names the Governors of Sindh and their approximate tenures.(any three)
- viii. What do you mean by culture?
- ix. Write three points of importance of resources in national development?
- x. What is meant by Industry?
- xi. Write three points of the importance of education in the development of a country?
- xii. What is meant by welfare state?
- xiii. Describe Allama Iqbal's Allahabad Address 1930?
- xiv. Describe the importance of Pakistan's location in three lines?

SECTION "C" (DETAILED ANSWER QUESTIONS)

Q.3 Answer any 2 from the following questions: (24)

- 1a) What are the main agriculture problems of Pakistan?
- 1b) Write down the social services of Aligarh Movement?
- 2a) Write down the aims of the establishment of Aligarh Movement?
- 2b) Highlight the main points which make the character of the Quid-e-Azam model for others?
- 3a) Write down the salient features of Objective resolution?
- 3b) Write a short note on:
 - * Indus Basin Treaty.
 - * Role of an individual in the welfare state.
 - * Natural gas.
 - * Sugar industry.

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GRAND TEST 2017

وقت: ۳۰ منٹ

کل نمبر: ۱۵

مضمون: مطالعہ * کستان

جمہوریہ

(۱۵ ت ۱۵)

عمومی ہدایت: حصہ (الف) دس کثیر الانتخابی سوالات پر مشتمل ہے اور ہر ایک کا جواب درکار ہے۔

(۳۶ ت ۳۶)

حصہ (ب) مختصر سوالات کے جواب پر مشتمل ہے اور ۱۲ سوالات کے جوابات درکار ہیں۔

(۲۴ ت ۲۴)

حصہ (ج) تفصیلی جوابات کے سوالوں پر مشتمل ہے اور اس حصے سے دو سوال کے جوابات درکار ہیں۔

حصہ "الف" (کثیر الانتخابی سوالات)

سوال نمبر: مندرجہ ذیل میں سے ہر ایک کیلئے درجہ اولیٰ کا جواب منتخب کیجئے۔

- ۱۔ کوہ قراقرم کی بلند ترین چوٹی _____ ہے۔
- ۲۔ قرارداد مقاصد * رہ مارچ _____ کو پس ہوئی۔
- ۳۔ قومی شاہراہ کی لمبائی _____ کلومیٹر ہے۔
- ۴۔ * کستان میں تقریباً _____ % بولی جاتی ہیں۔
- ۵۔ * کستان NV کے بعد پہلی مردم شماری _____ میں ہوئی۔
- ۶۔ منگلا ڈیم دریائے _____ پر تعمیر کیا گیا ہے۔
- ۷۔ * کستان کا _____ فیصد رقبہ جنگلات پر مشتمل ہے۔
- ۸۔ * کستان کے _____ میں واقع ہے۔
- ۹۔ * کستان نے بنگلہ دیش کو _____ اسلامی کانفرنس میں تسلیم کیا۔
- ۱۰۔ * کستان میں خواتین کی 44 گئی کا تناسب 1998 کی مردم شماری کے مطابق _____ فیصد ہے۔
- ۱۱۔ عید الفطر _____ مہینے میں منائی جاتی ہے۔
- ۱۲۔ _____ کھیلوں کے سامان کی وجہ سے مشہور ہے۔
- ۱۳۔ اخوت کا مطلب _____ ہے۔
- ۱۴۔ سندھ _____ میں علیحدہ صوبہ بنایا تھا۔
- ۱۵۔ * کستان کے پہلے گورنر جنرل _____ تھے۔

(الف) تریچ میر (ب) * نگا پ (ج) کے ٹو (د) ہمالیہ

(الف) 1927 (ب) 1929 (ج) 1950 (د) 1951

(الف) 1535 (ب) 1635 (ج) 1235 (د) 1835

(الف) 30 (ب) 40 (ج) 50 (د) 60

(الف) 1928 (ب) 1929 (ج) 1950 (د) 1951

(الف) سندھ (ب) جہلم (ج) راوی (د) چناب

(الف) 3.5 (ب) 4.5 (ج) 5.5 (د) 6.5

(الف) مشرق (ب) مغرب (ج) شمال (د) جنوب

(الف) پہلی (ب) دوسری (ج) تیسری (د) چوتھی

(الف) 26 (ب) 36 (ج) 46 (د) 56

(الف) ر. # (ب) صفر (ج) ذی القعد (د) شوال

(الف) کراچی (ب) لاہور (ج) سیالکوٹ (د) ملتان

(الف) دوستی (ب) برداشت (ج) لڑائی (د) بھائی چارہ

(الف) 1925 (ب) 1935 (ج) 1940 (د) 1945

(الف) قاضی اعظم (ب) لیاقت علی خان (ج) غلام محمد (د) ایوب خان

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GRAND TEST 2017

وقت: ڈھائی گھنٹے
کل نمبر: ۶۰

مضمون: مطالعہ پاکستان
جماعت: (نہم)

حصہ ”ب“ (مختصر جواب کے سوالات)

(۳۶)

سوال نمبر ۲: کل ۱۲ سوالات کے جوابات مطلوب ہیں۔

- ۱۔ A سے کیا مراد ہے؟
- ۲۔ فرائضی تحریر۔ پانچ تین جملے لکھیں۔
- ۳۔ قائد اعظم نے چودہ نکات میں سے تین نکات بیان کریں۔
- ۴۔ دو قومی A سے کیا مراد ہے؟
- ۵۔ قرارداد پاکستان پانچ تین جملے لکھیں۔
- ۶۔ ۱۹۷۳ کے M کی تین اسلامی دفعات لکھیں۔
- ۷۔ پاکستان کی تین اہم شاہراہوں (Highways) کے نام لکھیں۔
- ۸۔ سندھ کے تین گورنر اور اسی دورانے لکھیں۔
- ۹۔ ثقافت سے کیا مراد ہے؟
- ۱۰۔ قومی ترقی میں وسائل کی اہمیت پانچ تین جملے لکھیں۔
- ۱۱۔ صنعت سے کیا مراد ہے؟
- ۱۲۔ ملک کی ترقی میں تعلیم کی کیا اہمیت ہے تین جملے لکھیں۔
- ۱۳۔ فلاحی پالیسی سے کیا مراد ہے؟
- ۱۴۔ علامہ اقبال کا خطبہ الہامی تحریر کریں۔
- ۱۵۔ پاکستان کے محل وقوع کی اہمیت تین جملوں میں لکھیں۔

حصہ ”ج“ (تفصیلی جواب کے سوالات)

(۲۴)

نوٹ: دو سوالات کے جوابات تحریر کریں۔

- سوال نمبر ۳ (الف): پاکستان کے تین زرعی مسائل تفصیل سے بیان کریں۔
- سوال نمبر ۳ (ب): علی گڑھ تحریک کی سماجی اہمیت بیان کریں۔
- سوال نمبر ۴ (الف): مسلم لیگ کے قیام کے اغراض و مقاصد بیان کریں۔
- سوال نمبر ۴ (ب): قائد اعظم کے کردار کی وہ لکھی صفات بیان کیجئے جو انہیں دوسروں کیلئے نمونہ بناتی ہیں۔
- سوال نمبر ۵ (الف): قرارداد مقاصد لکھیں۔ وخال بیان کریں۔
- سوال نمبر ۵ (ب): مندرجہ ذیل میں سے کسی ایک پر مختصر نوٹ لکھیں
- (۱) سندھ طاس معاہدہ
- (۲) فلاحی پالیسی میں فرد کا کردار
- (۳) قدرتی گیس
- (۴) چینی کی صنعت

ڊاڪا ڪوچنگ سينٽر

ساليانو (گريڊ ٽيسٽ) امتحان سال ۲۰۱۷

سنڌي - نائون

ڪُل مارڪون: ۱۵

وقت: اٽڪلاڪ

عام هدايتون:

حصو «الف»: ۱۵ گهڻ چونڊائي سوانن تي مشتمل آهي ۽ سڀني سوانن جا جواب گهريل آهن.

(مارڪون ۱۵)

حصو «ب»: مختصر جواب جي سوانن، جملا ٺاهڻ، ضد، واحد جمع، مذڪر مؤنث آهي. هر هڪ سوال جي سامهون مارڪون ۽ اختيار (چوائيس) لکيل آهي.

(مارڪون ۳۶)

حصو «ج»: هي حصو تفصيلي جواب جي سوانن تي مشتمل آهي. هن ۾ مضمون، درخواست يا خط، بيتن جي سمجهاڻي، سبق جو خلاصو ۽ اردو ۾ ترجمو شامل آهي.

(مارڪون ۲۳)

(۱۵)

(حصو «الف» گهڻ چونڊائي سوال)

نوٽ: (i) سڀني سوانن جا جواب ڏيو:

(ii) سوال ڪاپي ۾ نقل نه ڪريو، صرف جواب لکو.

(iii) هر هڪ سوال تي هڪ مارڪ رکيل آهي.

(۱۵)

سوال ۱: مناسب لفظ چونڊي خال ڀريو:

i: اي انسانو خيال رکيو.

(☆) پنهنجي غلامن جو

(☆) پنهنجي ٻارن جو

(☆) پنهنجي عورتن جو

(☆) پنهنجي دوستن جو

ii: کاڌو هميشه تيار ڪرڻ گهرجي.

(☆) وقت کان پوءِ

(☆) وقت کان اڳ

(☆) وقت تي

(☆) وقت کان پھريان

iii: ڪلاسيڪل شاعري جو وڏو شاعر ٿي گذريو آهي.

(☆) سچل سرمست

(☆) مصري شاه

(☆) شاه عنايت رضوي

(☆) سيد ثابت علي شاه

iv: آڪٽيون مينگهه ملهار هن شاعر جي شاعري جو مجموعو آهي.

(☆) عبدالڪريم گدائي

(☆) ليڪراج ڪشنچند عزيز

(☆) بردو سنڌي

(☆) سليم گاڙهوي

v: انگريزن جي دور ۾ جو رواج ٿيو.

(☆) سيا سي شاعري

(☆) انقلابي شاعري

vi: سنڌ بمبئي کان جدا ٿي.

(☆) ۱۹۵۰ع ۾

(☆) ۱۹۳۹ع ۾

(☆) ۱۹۳۳ع ۾

(☆) ۱۹۳۶ع ۾

vii: فقه حنفي جو باني آهي.

(☆) امام غزالي

(☆) امام شافعي

(☆) امام ابو حنيفه

(☆) امام مالڪ

viii: مائي خيرى انهن عورتن مان هڪ هئي.

(☆) سخي ۽ درياءِ دل

(☆) نيك ۽ رحمدل

(☆) محنتي

(☆) ذهين ۽ هوشيار

ix: ڊاڪٽر برنس حيدرآباد پهتو.

(☆) ۲۲ نومبر تي

(☆) ۲۰ نومبر تي

(☆) ۲۵ نومبر تي

(☆) ۲۳ نومبر تي

x: سچل سرمست جو مزار هن شهر ۾ آهي.

(☆) ڀٽ شاھ ۾

(☆) سيوهڻ شهر

(☆) راڻي پور ۾

(☆) درازن ۾

xi: ملڪن جا پاڻ ۾ تڪرار هڪ نبيريندي آهي.

(☆) سپريم ڪورٽ

(☆) هاءِ ڪورٽ

(☆) عالمي عدالت

(☆) سلامتي ڪائونسل

xii: اجرڪ جي مڪمل ٿيڻ تائين اٽڪل ڀيرا پور لڳن ٿا.

(☆) سورهن سو

(☆) چوڏهن سو

(☆) پنجويهه سو

(☆) پنج

xiii: ادبي آئينو لکيل آهي.

(☆) عبدالڪريم گدائي جو

(☆) بردوسندي جو

(☆) محمد صديق مسافر جو

(☆) ليڪراج ڪشچند عزيز جو

xiv: انگريزن جي دور جو عظيم شاعر هو.

(☆) سامي

(☆) سچل سرمست

(☆) قادر بخش بيدل

(☆) شيخ آياز

xv: گذريل موڪلن ۾ اسين توهان وٽ گهمڻ آيا هئا سين.

(☆) لاڙڪاڻي شهر

(☆) شڪارپور شهر

(☆) گهوٽڪي شهر

(☆) سکر شهر

ڊاڪا ڪوچنگ سينٽر

ساليانو (گريئڊ ٽيسٽ) امتحان سال ۲۰۱۷

سنڌي - نائون

وقت: اڍائي ڪلاڪ

ڪُل مارڪون: ۶۰

(۳۶)

حصو «ب» مختصر جواب جا سوال

(۱۶)

سوال ۲: هيٺين مان ڪن ٻه اٺن (۸) سوالن جا جواب ڏيو:

i: هن حج کي «حجته الوداع» چوڻو چيو وڃي؟

ii: مائي خير کي ڪهڙا ڪهڙا خير جا ڪم ڪيا؟

iii: ٽالپرن جي دور ۾ ڪهڙا مشهور شاعر ٿي گذريا آهن؟

iv: نوري جي قبر ڪٿي آهي؟

v: ڪهڙا ملڪ بين الاقوامي عدالت کان پنهنجا تڪرار نيبرائي سگهن ٿا؟

vi: مولانا وفائي کي ڪهڙن برزگن جي ڪچهري مان فيض حاصل ٿيو؟

vii: يقين محڪم ڇا ڪي ٿو سڏجي؟

viii: اجرڪ جا ڪهڙا چار رنگ ٿيندا آهن ۽ ڊزائين ۽ رنگ جي لحاظ کان اجرڪ جا گهڻا قسم آهن؟

ix: ميرن جي اخلاق بابت برنس ڇا لکيو آهي؟

x: قائد اعظم جي خيال مطابق پاڪستان ڪهڙن مقصدن کي حاصل ڪرڻ لاءِ قائم ڪيو ويو آهي؟

xi: ڏيئي وت نوڙت جي ڪهڙي نشاني رکيل آهي؟

xii: بادشاهه بيو پيرو ڪهڙو خواب لڌو؟

(۶)

سوال ۳: هيٺين مان ڪن ٻه چئن (۴) لفظن جا جملا ٺاهيو:

داستان - جهونن - نما - رڻ - هاڪ - چار - ويڇا

(۴)

سوال ۴ (الف): هيٺين مان ڪن ٻه چئن (۴) لفظن جا ضد لکو:

گل - امرت - ٿڌو - منا - ڏيهه - اُپ - سهڻو - اڳتي

(۳)

(ب): هيٺين مان ڪن ٻه ٽن (۳) جا مذڪر ۽ مؤنث لکو:

ڏوهتو - سَسَ - ڪانُ - سيٺ - وڇ - پُٽ

(۳)

(ج): هيٺين مان ڪن ٻه ٽن (۳) جا واحد يا جمع لکو:

ڪتابُ - عدالتون - شاه - شهنشاه

(د) : هيٺين مان ڪن ٻن جي تعريف مثالن سان ڏيو:

ضمير - حرف ندا - اسم - حرف جملو

(۲۳)

(حصو «ج» تفصيلي جوابن جا سوال)

(۶)

سوال ۵: هيٺين مان ڪنهن به هڪ (۱) عنوان تي سنڌي ۾ مضمون لکو:

علم وڌي دولت آهي - ڪراچي شهر - وطن جي حب - وقت جي پابندي

سوال ۶: علائقي جي ناظم/ڪائونسلر صاحب کي علائقي جي صفائي ۽ پاڻي جي قلت جي مسئلي کي حل ڪرڻ لاءِ درخواست لکو.

(۵)

(يا)

پنهجي دوست/ساهيڙي کي ڪراچي گهٽ جي دعوت جو خط لکو:

(۵)

سوال ۷: هيٺين مان ڪن ٻن (۲) بيتن جي سمجهاڻي شاعر ۽ نظم جي حوالي سان ڏيو:

(i) منهنجو اندر اڌ ڪيو فنا هن فراق مري ٿي مشتاق ، (ii) تنهنجي مٿي ۾ مُشڪ، تنهنجي هوائن ۾ هڳاءُ،

مري ٿي مشتاق ڪا ڪرور ولهي جي . مهران جي هر موج چڻ امرت سنڌي ڌاراوطن .

(iii) اسان جي قوم ٿي مسڪين، اسان جي قوم ٿي غمگين، (iv) جوڳ پلي کي ساجهر جوڙ،

تون تنهن جوشال حامي ٿين، ڪرين تنهن کي تون بي پروا . کيت سان نينهن نپائج توڙ.

(يا)

هيٺين مان ڪنهن به هڪ (۱) بند جي سمجهاڻي شاعر ۽ نظم جي حوالي سان ڏيو:

۱: مزورن ۽ ڪڙمين سان همڪار آهين،	۲: جي توکي مسافر ارجمندي گهرجي،
فقيرن جي مجلس جو سينگار آهين،	جي توکي دنيا ۾ حق پسندي گهرجي،
سڙي تون ٻين کي ڏئين ٿو سهائي	وٺ جان ۽ دل سان خاکساري جي وات،
رڪيل تو ۾ ڪيڏي نه آهي چڱائي	نوڙي هل جي توکي بلندي گهرجي.

(۵)

سوال ۸ (الف): هيٺين مان ڪنهن به هڪ (۱) سبق جو ت (خلاصو) لکو:

جهڙو راج تهڙو ڀاڳ - ميرن جي درٻار - به ته ٻارهن - مولانا دين محمد وفائي

(۳)

(ب) : هيٺ ڏنل سنڌي عبارت (پيراگراف) جو اردو ۾ ترجمو ڪريو:-

عربن اجرڪ کي «ازرق» جي نالي سان سڏيو آهي. ازرق جي معنيٰ آهي نيرو رنگ. اجرڪ جي تر ۾ نيرو رنگ زياده استعمال

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GRAND TEST 2017

Paper: Biology
Class: IX

Time: 3 Hours
Max: Marks 85

Time: 30 Minutes **SECTION "A" MULTIPLE CHOICE QUESTIONS (MCQ's)**

Q.1 Choose the correct answers from the options given below: (15)

- i. Light Microscope has _____ type of lenses
a) Concave b) Biconcave c) convex d) Electromagnetic
- ii. Bacilli bacteria are _____
a) Rounded b) Spiral shaped c) Rod shaped d) Curved
- iii. Horse tails are the common name of
a) Lycopsida b) Psilopsida c) Pteropsida d) Sphenopsida
- iv. Typical flowers are present in the group of spermatophyte
a) Pteropsida b) Gymnosperm c) Angiosperm d) All of them
- v. It gives birth to young one
a) Toad b) Dog c) Turtle d) Pigeon
- vi. In animals, the product of anaerobic respiration is
a) Alcohol b) Uracil c) Lactic Acid d) Pyruvic acid
- vii. Plants gain weight due to
a) Respiration b) Transpiration c) Photosynthesis d) Both a & c
- viii. Urea is synthesized in
a) Blood b) Kidney c) Liver d) nephron
- ix. The blood is filtered through
a) Glomerulus b) Loop of Henle c) Renal tubule d) Bowman's Capsule
- x. The part of brain associated with intelligence
a) Cerebellum b) Cerebrum c) Medulla Oblongata d) Pons
- xi. The non-heritable variations are
a) Discontinuous variation b) Mutation c) Genetic variation d) environmental variation
- xii. A lion in a food chain is
a) Primary consumer b) Secondary Consumer c) Tertiary consumer d) Decomposer
- xiii. Typhoid is a disease of
a) Lungs b) Liver c) Kidney d) Intestine
- xiv. Plasmodium causes
a) Cholera b) Malaria c) Typhoid d) Influenza
- xv. Ginger and Potato are underground
a) Root b) Stem c) Both d) None

SECTION "B" (SHORT ANSWER QUESTIONS)

BOTANY (21 Marks)

Note: Answer any seven questions from this section. Each question carries 3 marks.

- Q2. Define any three of the following:
i) Hyphae ii) Taxonomy iii) Embryology iv) Transpiration v) Symbionts
- Q3. Differentiate any two:
i) Monocot plant / Dicot plant ii) Angiosperm / Gymnosperm
iii) Aerobic respiration / Anaerobic respiration
- Q4. Define the following: Producers, Consumers & decomposers
- Q5. Describe any two of the following:
i) Plastids ii) Golgi bodies iii) Mitochondria
- Q6. Explain Shapes of bacteria.
- Q7. Write three salient features of cyanobacteria OR Write three viruses living and non-living characteristics.
- Q8. Define pollination with its two types.
- Q9. Write three economic importance of bacteria/fungi.
- Q10. Write a short note on flora of Pakistan OR write three significance of mitosis.
- Q11. Draw a neat and labeled diagram of L.S of flower of Brassica OR V.S of Ear of Frog.
- Q12. What are antibiotics ? Write the names of some antibiotics

ZOOLOGY (21 Marks)

Note: Answer seven questions from this section. Each question carries 3 marks.

- Q13. Define any three of the following:
i) Reflex Arc ii) Book Lungs iii) Frugivores iv) Frugivores v) Guttation
- Q14. Write notes on any two of the following:
i) Appendicitis ii) Cataract iii) Tuberculosis
- Q15. Write three functions of blood or functions of skeleton.
- Q16. Differentiate between any two of the following:
i) Inhalation / Exhalation ii) Prokaryotes / Eukaryotes iii) Respiration / Combustion
- Q17. Differentiate between any two of the following:
i) Abiogenesis / Biogenesis ii) Warm Blooded / Cold Blooded iii) Arteries / Veins
- Q18. Explain Kidney dialysis, Kidney stones, Enzymes OR Write the name of three Muslims biologist with their contribution.
- Q19. Write three characteristics of Phylum Annelida / Arthropoda.
- Q20. Write any three disorders of gut OR any three disorders of respiratory tract.
- Q21. Draw a labeled diagram of ventral view of heart of frog OR Diagram of digestive system of frog
- Q22. State Lamarck's theory of Evolution OR Write short note on Cholera.
- Q23. Define cellular respiration with its types also write equation OR Explain two disorders of skeleton OR any two abnormalities of blood.

SECTION "C" (DETAILED ANSWER QUESTIONS)

BOTANY (14 Marks)

Note: Attempt two questions from this section. Each question carries equal marks:

- Q24. Draw a neat and labeled diagram of T.S of stem of sunflower OR Define movement , Stimulus & response. Describe two types of movement in plants due to external stimuli.
- Q25. Describe an experiment to prove that chlorophyll is necessary for the process of Photosynthesis OR Is light necessary for photosynthesis ?
- Q26. Describe the four whorls of flower of Brassica also draw diagram of stamen and carpel. OR Is O₂ evolved during the process of Photosynthesis?

ZOOLOGY (14 Marks)

Note: Attempt two questions from this section. Each question carries equal marks:

- Q27. Draw a neat and labeled diagram of L.S of Human Kidney OR labeled diagram of alimentary canal of Human OR Arterial system of Frog.
- Q28. Describe ABO blood group system in Man. OR What is blood also write down its components.
- Q29. Draw a neat and labeled diagram of Human Respiratory system OR Define neuron. Describe its structure also define its types.

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GRAND TEST 2017

Subject: Chemistry

Class: IX

Max. Marks: 17

Time: 30 Min

SECTION "A" MULTIPLE CHOICE QUESTIONS

- Q1. Choose the correct answer for each from the given options: (17)**
- Chromite is found in Pakistan at
a) Azad Kashmir b) Punjab c) Sindh d) Baluchistan
 - The acid which contain one acidic hydrogen are called
a) Mono-Protic b) Di-protic c) Tri-protic d) Poly-protic
 - This branch of chemistry is backbone of medical science
a) Organic chemistry b) Inorganic chemistry c) Bio Chemistry d) Nuclear chemistry
 - The maximum density of water at 4°C is
a) 1.0g/cm³ b) 0.998g/dm³ c) 0.918g/cm³ d) 1.2g/dm³
 - Which of the following is an irreversible cell
a) Dry cell b) Daniel cell c) Battery d) None of these
 - To which family does Ga belong?
a) Boron b) Carbon c) Nitrogen d) Fluorine
 - The heat evolved during the formation of 1 mole of water from H₂ and O₂
a) -186KJ/mol b) 200KJ/mol c) 300KJ/mol d) none of these
 - The specific gravity of 98.3% conc H₂SO₄ is
a) 1.5 b) 1.84 c) 1.80 d) 1.91
 - Which particle is lightest in the following
a) Proton b) Neutron c) Electron d) x-particles
 - A suspension of droplets of one liquid into another in which it is not soluble is called
a) Foam b) Emulsion c) Smoke d) Mud
 - Silicon is most abundantly found in nature as
a) Silica b) Silicon carbide c) Sodium silicate d) calcium silicate
 - Varnishes are used
a) With pigments b) without driers c) without pigments d) without resins
 - Which of the following is a polar molecule
a) O₂ b) H₂ c) Cl₂ d) H₂O
 - It is the "Pale Yellow" colour halogen
a) F b) Cl c) Br d) I
 - Hydrogen peroxide is produced in the laboratory by heating sulphuric acid
a) Sodium Peroxide b) Potassium peroxide c) Barium peroxide d) Strontium peroxide
 - Compounds which contain only carbon and hydrogen elements are called
a) Carbohydrates b) Hydrocarbon c) Halides d) none of these
 - Matter which have definite shape and volume is called
a) solid b) Liquid c) Gas d) none of these

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GRAND TEST 2017

Subject: Chemistry

Class: IX

Max. Marks: 68

Time: 2½ Hours

SECTION 'B' (SHORT-ANSWER QUESTION)

NOTE: Attempt 14 questions from this section.

2. Write one contribution of each of the following scientist.
a) Al-Razi b) Cavendish c) Scheele
 3. Balance the following chemical equations:
(i) $NH_3 + O_2 \rightarrow NO + H_2O$
(ii) $CH_4 \rightarrow C + H_2$
(iii) $S + H_2SO_4 \rightarrow SO_2 + H_2O$
 4. Define chemical reaction and explain its two types with chemical equation:
 5. Write three disadvantages of Mendeleev's periodic table.
 6. Write three formulae of the following double salts.
i) Mohr's Salt ii) Carnalite iii) Potash Alum
 7. Define :
i) Mass Number ii) Radioactivity iii) Atomic number
 8. Write three properties of solid on the basis of kinetic molecular theory.
 9. Draw the structure of the following plastics.
a) Polythene b) PVC c) Bakelite
- OR
- Calculate the molarity of a solution containing 9.8g of H_2SO_4 in $750cm^3$ of solution.
10. Write the molecular formulae and name of following alkene when it contain
i) 6 carbon atoms ii) 7 carbon atoms iii) 8 carbon atoms
 11. Define ozone. Also write its two important uses.
 12. Name the allotropic forms of sulphur and give two properties of each of them.
 13. A current of 0.5 Ampere was passed for 2 minutes in a solution of $AgNO_3$. Calculate the mass of silver deposited at cathode. Electrochemical equivalent of (Z) of Ag ($0.001118gm/cm^3$).
 14. Define exothermic and endothermic reaction with one example of each.
 15. Define: i) Electrolyte ii) Non-Electrolyte iii) Electrolysis
 16. Calculate the mass of two atoms of carbon in gram.
 17. Write short note on bleaching powder.
 18. Define refining of petroleum and write two fractions of it.
 19. Write down the two differences between polar and non-polar covalent bond. Also write on example of each.
 20. Write the chemical formulae of the following ores.
i) Corundum ii) haematite iii) Siderite
 21. What is silica Gel? Write its two uses.
 22. Give the names and symbols of the following elements.
i) An element with atomic no. 6 ii) An element with 16 protons in the nucleus
iii) An element with 12 electrons

SECTION 'C' (DETAILED-ANSWER QUESTION)

NOTE: Attempt 2 questions from this section.

- 23a) Define oxides and explain:
i) Normal Oxides ii) Peroxides iii) Super oxides iv) sub oxides
- b) How chlorine is manufactured by Nelson's cell?
- c) Explain how nitric acid is manufactured by Ostwald's process.
- 24a) Describe the Rutherford's experiment which led him to the discovery of the nucleus of an atom.
- b) Define salts. And explain the kind of salt with examples.
- c) Define electroplating and explain nickel plating.
- 25a) Describe the extraction of Aluminum.
- b) Define hard water and soft water. How is hard water softened by using ions exchange method.
- c) Define ionic bond and explain the mechanism of NaCl.

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GRAND TEST 2017

Subject: Computer

Max. Marks: 15

Class: IX

Time: 30 Min

Note: Attempt any TWO questions from section "C" and NINE questions from section "B", Section "A" is compulsory.

Section "A"(COMPULSORY)

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

- i. Computer era is divided into
 - a) Two ages
 - b) three ages
 - c) four ages
 - d) five ages
- ii. Tabulating machine was invented by
 - a) Charles Babbage
 - b) Herman Hollerith
 - c) Joseph Marie
 - d) Blaise Pascal
- iii. _____ port send data faster
 - a) Serial
 - b) Parallel
 - c) Both A & B
 - d) None of them
- iv. Standard keyboard has _____ function keys
 - a) 12
 - b) 13
 - c) 14
 - d) 15
- v. Bus is a set of:
 - a) connectors
 - b) ports
 - c) wires
 - d) RAM
- vi. The name for screen's clarity
 - a) Resolution
 - b) Pixel
 - c) Graphic
 - d) Discrete
- vii. 4 bits = _____
 - a) 1 byte
 - b) 2 byte
 - c) Nibble
 - d) None of them
- viii. Pre-programmed memory is:
 - a) RAM
 - b) DIMM
 - c) SRAM
 - d) none of them
- ix. 1 MB is = _____
 - a) 1024 bits
 - b) 1024 bytes
 - c) 1024 kb
 - d) 1024 gb
- x. The type of data which includes whole numbers
 - a) Real
 - b) Integer
 - c) String
 - d) Graphical
- xi. $A + A.B =$ _____
 - a) $A + B$
 - b) B
 - c) A
 - d) $A + A$
- xii. _____ variable K maps includes 16 cells
 - a) 2
 - b) 3
 - c) 4
 - d) 5
- xiii. Step by step set of instructions that directs the computer what to do and how to do is called
 - a) Hardware
 - b) Software
 - c) Firmware
 - d) Live ware
- xiv. Which of the following command displays the list of the files of a directory on a screen?
 - a) DIR
 - b) CLS
 - c) DIS
 - d) DEL
- xv. Which sign in Explorer indicates that all the items are currently displayed?
 - a) Plus Sign
 - b) Arrow Sign
 - c) Minus Sign
 - d) Division Sign

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GRAND TEST 2017

Subject: Computer

Class: IX

Max. Marks: 60

Time: 2½ Hours

Section "B"(SHORT QUESTION ANSWERS)

Q2. Attempt **NINE** questions. All questions carry equal marks. Marks:36

- i. Write short note on My Computer and Control Panel
- ii. Define Advantages & Disadvantages of Computer
- iii. Describe Wildcard characters
- iv. Describe the function of RAM and ROM
- v. Define Plotter and describe its types
- vi. Describe Language translators
- vii. What is the difference between Hardware and Software?
- viii. Write short notes on any two of the following:
* Joystick * Webcam * Light pen
- ix. Convert the following:
*(1000010101)₂= (?)₁₆ *(2010)₁₀= (?)₂
*(5661)₈ = (?)₂ *(110001)₂= 2's complement
- x. Solve the following:
*11001110₂ + 111011₂ *100101₂ ÷ 100₂
*1010011₂ - 10101₂ *10111011₂ x 100₂
- xi. State and prove De Morgan's Theorem
a. $\overline{X + Y} = \overline{X} \cdot \overline{Y}$
b. $\overline{X \cdot Y} = \overline{X} + \overline{Y}$
- xii. Solve the following Expression with the help of Boolean Algebra rules. Also solve it with the help of truth table
a. $(A + B) = A + BC$
b. $A + \overline{AB} = A + B$
- xiii. What are codes? Describe its types
- xiv. Describe Data and its types

Section "C"(DETAILED-QUESTION ANSWERS)

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

Marks:24

Q3a) Solve with the help of Karnaugh mapping

a. $\overline{ABC} + \overline{ABC} + \overline{ABC} + \overline{ABC} + \overline{ABC} + \overline{ABC}$

b. $\overline{AB} + \overline{AB} + \overline{AB}$

b) Define number system and its types.

Q4a) Draw generation table

b) Define Printer and its types

Q5a) Define terms of Boolean Algebra

b) Differentiate between Disk Operating System and Windows Operating system

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GRAND TEST 2017

Class: IX

Paper: English

Max. Marks:75

Duration: 3 Hours

Max. Marks:15

SECTION "A" MULTIPLE CHOICE QUESTIONS (MCQs)

Duration: 30 Minutes

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

- i. You will be working hard. (choose the correct Negative)**
 - a) You will be not working hard
 - b) You will not be working hard
 - c) you won't not be working hard
 - d) you not will be working hard
- ii. They won a match yesterday. (choose the right passive voice)**
 - a) A match is won by them
 - b) A match was win by them yesterday
 - c) A match was wins by them
 - d) A match was won by them yesterday
- iii. Eat this apple. (Choose the correct passive voice)**
 - a) Let this apple eaten
 - b) Let this be apple eaten
 - c) Let this apple be eaten
 - d) Let be the apple eaten
- iv. I study hard to get position. (choose the correct present perfect)**
 - a) I have studied hard to get position
 - b) I has studied hard to get position
 - c) I have studyied hard to get position
 - d) I had studied hard to get position
- v. She said to me, "I sent you a message yesterday."**
 - a) She told me that I had sent me a message that day.
 - b) She told me that she had sent me a message that day.
 - c) She told me that she has sent me a message that day.
 - d) She told me that she had send me a message that day.
- vi. My friend told me that beauty has wings. (choose the correct Indirect speech)**
 - a) My friend said to me, "Beauty have wings."
 - b) My friend said to me, "beauty has wings."
 - c) My friend said to me, " Beauty does has wings."
 - d) My friend said to me , "Beauty has wings."
- vii. Did you _____ my book? (choose the correct form of verb)**
 - (a) hide
 - (b) hid
 - (c) hidden
 - (d) hids
- viii. Poem "Neem Tree" was written by _____ (choose the correct answer to fill the blank)**
 - a) Mrs. Elsa Kazi
 - b) William Wordsworth
 - c) Henry Longfellow
 - d) Robert Frost
- ix. Moen jo Daro is situated at a distance of 27 kilometers from _____ (chose the right answer to fill the blank)**
 - a) Nawab Shah
 - b) Sukkur
 - c) Larkana
 - d) Kashmir
- x. This box is the _____ box. (choose the right degree of Adjective)**
 - a) Heavy
 - b) heaviest
 - c) heavier
 - d) heviyer
- xi. He was mending a chair. (choose the correct present perfect continuous)**
 - (a) He have been mending a chair since morning
 - (b) He has been mending a chair for two hours
 - (c) He had been mending a chair for 2'O Clock.
 - (d) He has been mend a chair for two hours.
- xii. He didn't grow wheat last year. (choose the correct affirmative)**
 - a) He grown wheat last year
 - b) He grew wheat last year
 - c) He did grow wheat last year
 - d) He grows wheat last year
- xiii. She sings very well. (choose the correct interrogative)**
 - a) Does she sings very well?
 - b) Does she sing very well?
 - c) Does she sang very well?
 - d) Do she sings very well?
- xiv. Fahim is _____ M.A. in English. (choose the right article)**
 - (a) a
 - (b) an
 - (c) the
 - (d) none of them
- xv. We will soon get rid _____ Malaria. (choose the correct preposition)**
 - (a) from
 - (b) off
 - (c) of
 - (d) on

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GRAND TEST 2017

Class: IX
Paper: English

Max. Marks: 60
Time: 2½ Hours

SECTION – B (Short Answered Questions) 36 Marks

Q.2a) Answer any eight questions from the following: (24)

- i. What articles have been displayed in the Moen jo Daro Museum?
- ii. Who was Miss Sullivan? How did she teach Helen?
- iii. What did Quaid-e-Azam say on 11th August 1947.
- iv. Why should the name of Major Aziz Bhatti be written in the letters of gold?
- v. What is our duty to our country?
- vi. What were the three questions asked by the King and what were their answers (these answers are also called secret of success).
- vii. What does the Last Sermon teach us? OR Basic Principles of Islamic Society
- viii. Why is Shah Latif called the "Saint of Bhit"? OR Write about poetry of Shah Latif.
- ix. Why did Allama Iqbal want a separate state for the Muslims of South Asia?
- x. Why is Miss Fatima Jinnah called Madr-i-Millat?

Q.2b) Answer any four questions from the following? (12)

- i. Who is the happier of the two, the miller or the King? And why?
- ii. What would happen to us if there were no children?
- iii. Why can't the poet wait to enjoy the beauty of the woods?
- iv. Why was Abou Ben Adhem's name on the top of the list?
- v. What according to the poetess, is the highest aim of life?
- vi. What happens to the poet, when he lies on his couch?

SECTION – C (Descriptive answered questions) 24 Marks

Q.3:- Write an essay of 100 to 120 words on any one of the following topics. (8)

i. Problems of Big cities	ii. Science advantages & disadvantages
iii. An exciting cricket match	iv. A visit / picnic or excursion

Q.4:- Write an application to the Headmaster/Headmistress of your school requesting him/her to allow your class to visit or participate any Science exhibition. (6)

OR

Write a letter to your friend advising him/her to work hard and give up bad habits as well as bad company.

Q.5:- Translate any five of the following sentences into English. (5)

- ۱۔ اپنے وطن اور قوم سے محبت کرو۔
 ۲۔ تندرستی ہزار نعمت ہے۔
 ۳۔ کیا تم روزانہ اس جگہ کرکٹ کھیلتے ہو؟
 ۴۔ کیا آپ نے ایک نئی کار خرید لی ہے؟
 ۵۔ جب ہم ایئر پورٹ پہنچے تو جہاز اڑ چکا تھا۔
 ۶۔ وہ کئی مہینوں سے امتحانات کی تیاری کر رہے تھے۔
 ۷۔ اگر تم محنت کرو تو "A" گریڈ حاصل کر لو گے۔

Q.6:- Write a short note on any one of the following :- (5)

- i) Nursing ii) Helen Keller iii) Moen jo daro

OR

Read the following passage and answer the questions given at the end.

Henry James Leigh Hunt was born in 1784 at England and educated at a famous charity school called "Christ's Hospital". He was not only a poet but also a journalist and an essayist. He was sent to prison, because he criticized the Prince Regent in his weekly paper, "The Examiner". He influenced and encouraged young writers of his time. He died in 1859.

- Why was H.J. Leigh Hunt sent to Prison?
- From where did he get education ?
- In which fields, did he work?
- To whom, did Leigh Hunt encourage of his time?
- Write noun form of i. Criticize ii. Encourage