# H.H.SHAIKH RASHID AL-MAKTUM PAKISTANI SCHOOL DUBAI PORTION FOR SECOND TERM EXAMINATION 2020

**GRADE: 10** 

## Arabic

وظيفة السفر تدريبات والقواعد

# Computer

Unit#3 Input / Output Handling(Complete Chapter)

Unit #4 Control Structure(Complete Chapter)
Unit#5 Loop Structure (Complete Chapter)
Unit#6 Computer Logic and Gates (6.1 and 6.2)

## **English**

Unit 3: Try Again

Synonyms, Meaning of words, Poem paraphrasing, Comprehension questions, Simile, Alliteration

Unit 4: First Aid

Specialized vocabulary, Prefixes Idioms, Analysis of Patterns of Text Organisation

Unit 5: Poem: The Rain

Synonyms/Antonyms, Connotation/Denotation, Comprehension Questions, Metaphors,

**Personification** 

### **General Science**

#### **Chapter 4 Man and Health**

Major components of Food(vitamin) Balanced diet First Aid

**Chapter 6 Environment and Natural Resources** 

Atmosphere Different layers of atmosphere Ozone, GreenHouse Effect, Human activity and disturbance of climate Pollution (Air, water and Land Pollution) Effect of rising population on environment

#### **Chapter 8 Current Electricity**

Electric Current Voltage Resistance Ohm's Law Electric circuit Direct current (DC) and Alternating current (AC)

Justification:

With the removal of Exercise Question Numbers the rest of the syllabus is OK. Any Question related to given topics can be included in exams

#### **Islamiat**

SURAH Al-AHZAB: (verse no:1 to 34) Vocabulary, Translation, Explanation

**HADITH:1** to 5 translation and Explanation

**TOPICS:** 

1)Taharat and Physical Cleanliness

2)Role of patience and and Gratitude in our Individual and social Life

#### **Mathematics**

Theory of quadratic equation, variations, Set and functions, projection of a sides of triangles, Chords of circle.

## **Pakistan Studies**

Ch:6 History of Pakistan (part 2)

Ch:7 Foreign Relations of Pakistan.

**Ch:8 Economic Development** 

## **Moral Education**

The positive impacts of moral values on our lives.

How can we ensure humanity in today digital and advanced world?

#### Urdu

اسباق نظریہ پاکستان ،مجھے میرے دوستو ں سے بچاؤ، ملمع ،چغل خور، نام دیو مالی

نظمیں حمد ،نعت ، میدان کر بلا میں گر می کی شدت ، ((غزل:حسرت مو با نی، جگر مراد آبادی

قواعد: مضا مین ، کہا نی ، تر کیب نحوی ،مطلع ،مقطع ، جملہ معتر ضہ، قا فیہ و ردیف ، جملہ اسمیہ ، جملہ فعلیہ،محا ورات

اسباق/نظمیں/غزل میں سے تمام مشقی سوا لات اور قواعد کا حصہ

\*\*بو رڈ پیٹرن کے مطابق امتحان لیا جائے گا

# Biology

Unit#14.Reproduction, Methods of Asexul Reproduction (70-75),

Sexual Reproduction in plants(78-81), Sexual Reproduction in Animals(84-85),

Reproduction in Rabbit(87-88)

Unit#15 Inheritance,Introduction to Genetics(94),Chromosomes and genes(94-98),

Mendel's Law of Inheritance (98-101)

Unit#16:Components of Ecosystem(114), Biogeochemical cycles(119-121),

Interaction in Ecosystems(122-125)

Unit#17 Biotechnology, Introduction to Biotechnology (138), Fermentation (139-140),

Genetic Engineering(144-147)

Unit#18 Pharmacology, Medicinal Drugs(150-151),

Antibiotics and Vaccines (155-156)

## **Physics**

**UNIT 12 GEOMETRICAL OPTICS** 

All theory topics from 12.1 -12.10

**UNIT13 ELECTROSTATICS** 

13.1 Production of electric charges 13.2 Electrostatic induction 13.4 Coulomb's Law 13.5 Electric

Field and electric intensity 13.6 Electrostatic Potential 13.7 Capacitors and capacitance

**UNIT 14 CURRENT ELECTRICITY** 

All theory topics from 14.1-14.8

NOTE: All conceptual questions and side information are excluded. Only topic based related

MCQs, Short and Long Questions and numerical are included.

# Chemistry

**Chapter 11 Organic chemistry** 

**Chapter 12 Hydrocarbons** 

Chapter 13 Biochemistry

# Chapter 14 The atmosphere

# **General Mathematics**

CH# 2 Factorization

Ch# 4 Linear equation

CH# 7 Fundamental of geometry

Ch# 9 Areas and volumes

# **Economics**

Ch# 11 Trade

Ch# 12 Public & Private Finance

Ch# 14 Islamic Economic